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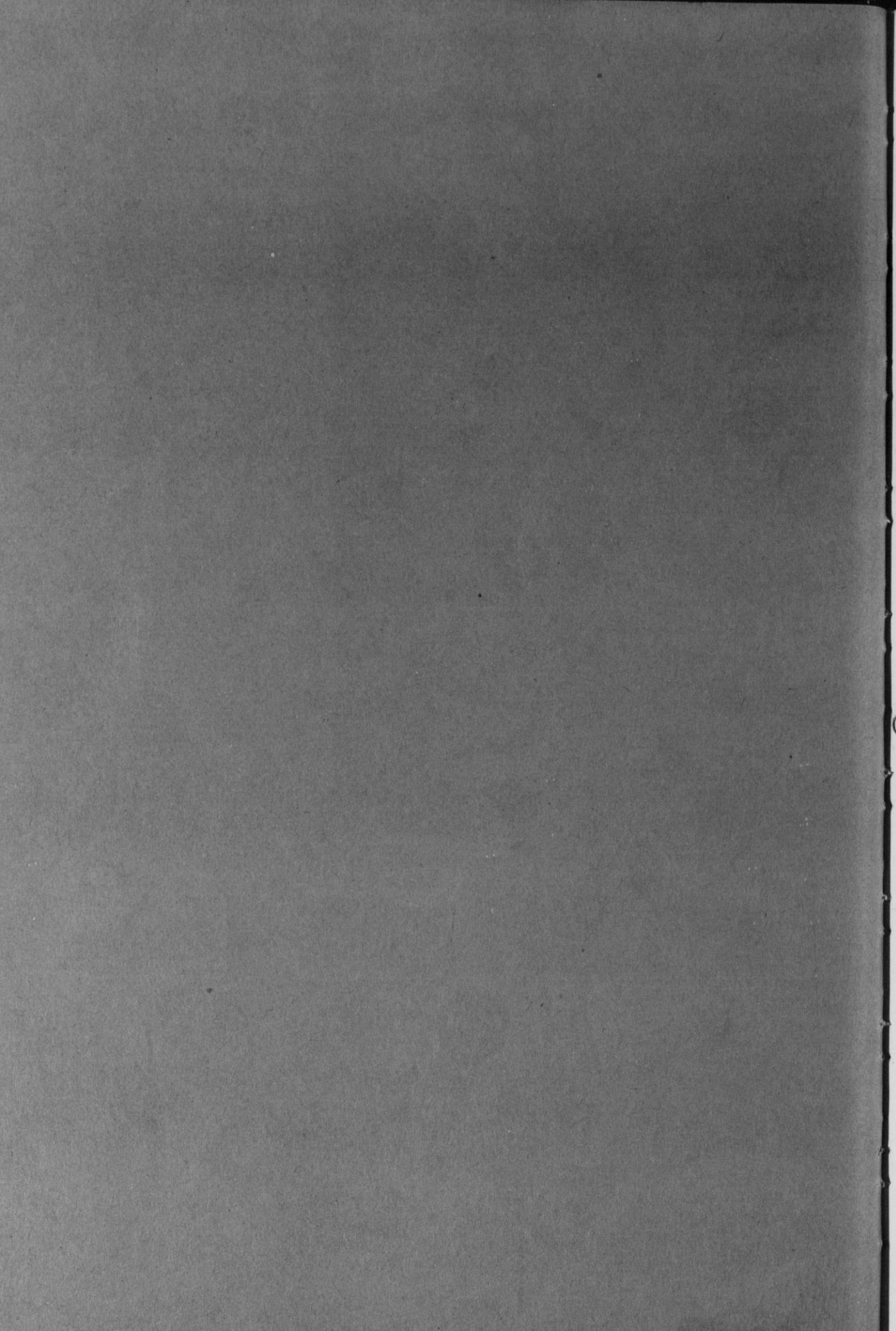
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# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

WISCONSIN DEPARTMENT OF AGRICULTURE & MARKETS  
Division of Agricultural Statistics

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The crop year of 1938 will be remembered as a favorable one. Seldom does a year combine growing conditions as well as occurred in Wisconsin during the one just closed. The spring of 1938 came early, March weather being the warmest for that month since 1910.

Early spring weather was rather dry in southern and eastern Wisconsin but wet in northwestern Wisconsin. While seeding averaged about two weeks early, there were areas in the northwestern part of the state where work was seriously delayed by wet weather. The warm and early spring greatly favored winter grains, clovers, and grasses which came through with almost no winter damage. Prospects for hay and pasture in 1938 were excellent from the beginning. As the crop season progressed, there continued to be plenty of rain and the growing weather was generally favorable. Pastures furnished abundant supplies of feed during most of a long growing season.

### A Record Hay Crop

While hay prospects were good from the beginning, it was clear when haying time came that the supply of hay in the state would be remarkably large. It is now estimated that Wisconsin produced nearly 6.5 million tons of hay in 1938, which is by far the largest crop in the state's history. Alfalfa makes up a larger proportion of the hay harvested than ever before, there being nearly 1,200,000 acres of this crop. The emergency types of hay which were so commonly used during the drought years were sharply reduced in acreage in 1938 because the well established kinds of tame hay were available in good supply. Wet weather at harvesting time damaged some of the hay quite seriously so that, while the state has a record hay crop, the quality on much of it was not especially good.

### A Record Corn Crop

Another crop in which Wisconsin made a new record production in 1938 is corn. The state has an estimated production of 90 million bushels of corn, which is nearly 7 million bushels more than the previous record crop harvested in 1932. Throughout the growing season the corn crop had favorable weather. In addition, about one-fourth of the acreage was planted to hybrid seed last year. Silos were filled with less acreage than is usually required for that purpose, and large amounts of corn were left over after silo filling.

## IN THIS ISSUE

### Crop Summary for 1938

During the past year, growing conditions were unusually favorable, and Wisconsin made a new high record of production in both hay and corn.

### Grain Stocks on Farms

Stocks of corn on farms are considerably larger than last year. Holdings of oats and wheat, while a little above average, are not greatly different from a year ago.

### Milk Production

Because of mild weather, production of milk in Wisconsin and for the country as a whole is being maintained at rather high levels.

### Egg Production

Flocks have increased sharply and are now larger than they were a year ago. Egg production is high and egg prices have been better than they were at this time last year.

### Cattle and Sheep on Feed

In Wisconsin, more cattle and sheep are in feed lots. Large supplies of corn have put a premium on livestock for feeding. In the Western States feeding is reduced.

### Farm Wages and Employment

Wages being paid to hired farm labor are somewhat lower than a year ago, but the number of hired men employed is about the same as last year.

### Prices of Farm Products

With some increase in milk prices, the Wisconsin farm price average has risen during the past month and it is now slightly above the pre-war level.

### Current Changes

Business conditions recently have shown some improvement. Stocks of dairy products and poultry are larger than a year ago but egg stocks are smaller. Livestock slaughter, except for hogs, has been below a year ago.

### Weather Summary, December 1938

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	December 1938	Normal	Accumulative excess or deficiency since January 1
Duluth.....	-26	38	15.8	15.9	1.10	1.15	+ 1.07
Spooner.....	-23	37	17.0	16.4	0.42	0.86	+ 5.36
Park Falls.....	-26	37	17.5	15.2	1.19	1.36	+ 4.86
Rhineland.....	-24	33	16.8	16.6	1.67	1.00	+10.34
Wausau.....	-19	36	21.0	19.1	0.90	1.15	+17.82
Marinette.....	-14	45	24.8	24.0	2.19	1.68	+ 4.55
Escanaba.....	-13	40	24.4	22.4	2.01	1.75	- 0.10
Minneapolis.....	-15	45	20.4	19.6	0.77	0.98	+ 2.09
Eau Claire.....	-15	45	20.4	19.2	0.87	1.17	+20.51
La Crosse.....	-8	43	23.6	22.3	1.10	1.33	+11.56
Hancock.....	-19	49	21.0	20.0	1.52	1.20	+11.29
Oshkosh.....	-14	40	22.3	22.8	2.15	1.22	+14.10
Green Bay.....	-14	45	23.4	22.3	1.33	1.71	- 2.53
Manitowoc.....	-11	47	25.2	25.1	1.00	1.71	+ 2.44
Dubuque.....	-7	48	26.0	24.7	0.97	1.44	+14.73
Madison.....	-7	44	24.2	22.8	0.89	1.63	+ 7.36
Beloit.....	-3	51	28.3	24.9	1.26	1.54	+21.60
Milwaukee.....	-6	46	27.4	26.1	1.10	1.72	+11.78

Since the late fall months were dry and warm, there being no frost in much of southern Wisconsin until November, nearly all of the corn in the state had a good chance to ripen. As a result, most of the corn is of unusually good quality.

These large supplies of hay and corn have put a premium upon livestock for feeding purposes. The big corn crop, especially, is a factor in the sharp increase in hog numbers which is now taking place. The December pig survey showed that the fall pig crop was 17 percent larger in 1938 than in 1937, and the intended number of brood sows in the state for 1939 is 18 percent larger than a year earlier.

### Grain Production Light

While the production of small grain in Wisconsin varied a good deal from one part of the state to another, the grain crops on the whole were rather light. Early prospects pointed to exceptionally heavy production of grain except in northwestern Wisconsin where late seeding and a wet spring had retarded the crop. Straw was unusually heavy and much lodging took place.

Conditions combined in such a way that much of the lodged grain made rather light kernels, with the result that yields were below expectations. Much rainy weather during harvesting time further damaged the grain crop. On many farms much grain

## Summary of Wisconsin Crop Acreage, Production, Prices, and Values—1937 and 1938

Crop	Acreage (000 omitted)			Yield per Acre			Production (000 omitted)			Unit	Farm Price		Farm Value (1000 dollars)	
	1938 (Preliminary)	1937	10-year average 1927-36	1938 (Preliminary)	1937	10-year average 1927-36	1938 (Preliminary)	1937	10-year average 1927-36		1938 (Preliminary)	1937	1938 (Preliminary)	1937
<b>CEREALS</b>														
Corn.....	2,351	2,424	2,195	38.5	31.5	31.4	90,514	76,356	68,845	Bus.	\$ .52	\$ .57	\$ 47,067	\$ 43,523
Oats.....	2,455	2,480	2,470	31.0	32.0	31.8	76,105	79,360	78,553	Bus.	.25	.32	19,026	25,395
Barley.....	771	847	760	31.5	26.0	27.9	24,236	22,022	20,980	Bus.	.54	.63	13,114	13,874
Rye.....	330	340	218	13.0	13.5	10.8	4,290	4,590	2,353	Bus.	.40	.69	1,716	3,167
Spring wheat	53	63	76	17.0	13.0	17.3	901	819	296	Bus.	.67	1.00	604	819
Winter wheat	67	68	32	16.5	18.0	18.0	1,106	1,224	592	Bus.	.66	.98	730	1,200
Buckwheat...	12	15	18	12.5	10.0	11.4	150	150	203	Bus.	.55	.70	82	105
<b>OTHER GRAINS AND GRASSES</b>														
Dry peas ----	6	5	22 <sup>1</sup>	14.0	12.0	13.1 <sup>1</sup>	84	60	297 <sup>1</sup>	Bus.	2.10	2.00	176	120
Dry edible beans	2	4	6	4.2	3.7	4.0	8	15	24	Cwt.	2.70	3.30	19	46
Soy beans for grain <sup>2</sup>	7	3	2	16.0	13.0	11.4	112	39	24	Bus.	.90	1.00	101	39
Flax.....	4	4	6	11.0	10.5	10.9	44	42	72	Bus.	1.55	1.79	68	75
Clover seed...	74 <sup>3</sup>	29.6 <sup>3</sup>	92.8 <sup>3</sup>	1.4	1.3	1.3	104	38.5	125.1	Bus.	8.50	17.80	884	685
Sweet clover seed	6.5 <sup>3</sup>	5.4 <sup>3</sup>	2.37 <sup>3</sup>	3.5	3.5	3.4 <sup>3</sup>	23	18.9	8.29	Bus.	3.55	4.90	82	93
Timothy seed	9.8	11.7	10.74	2.9	3.5	3.1	23	41	35.1	Bus.	1.40	1.40	39	57
Alfalfa seed...	30 <sup>3</sup>	59.3 <sup>3</sup>	17.55 <sup>3</sup>	.9	1.2	1.1 <sup>3</sup>	27	71.2	20.2 <sup>3</sup>	Bus.	14.20	18.10	383	1,239
<b>HAY AND FORAGE</b>														
All tame hay ..	3,655	3,473	3,214	1.77	1.44	1.39	6,479	4,989	4,516	Tons	6.90	9.90	44,705	49,391
Alfalfa hay ..	1,199	983	514	2.30	1.75	2.00	2,758	1,720	1,011	Tons	-----	-----	-----	-----
All clover & timothy hay	2,007	1,911	2,306	1.50	1.35	1.23	3,010	2,530	3,055	Tons	-----	-----	-----	-----
Sweet clover hay	53	40	42	1.65	1.40	1.54	96	56	60	Tons	-----	-----	-----	-----
Annual legume hay	166	204	83	1.90	1.35	1.41	315	275	117	Tons	-----	-----	-----	-----
Grains cut green for hay	95	182	131	1.30	1.00	1.09	124	182	120	Tons	-----	-----	-----	-----
Millet, Sudan & other hay.	130	153	138	1.35	1.15	1.13	176	176	152	Tons	-----	-----	-----	-----
Wild hay.....	184 <sup>3</sup>	275 <sup>3</sup>	274 <sup>3</sup>	1.00	1.05	.98	184	289	253	Tons	4.60	6.30	846	1,821
<b>OTHER FIELD CROPS</b>														
Potatoes.....	212	247	266	90	73	90	19,080	18,031	23,923	Bus.	.45	.47	8,536	8,475
Tobacco.....	24.7	18.4	26.17	1,488	1,364	1,287	36,759	25,102	32,905	Lbs.	.101	.113	3,706	2,827
Cabbage for market	11.11	10.06	11.29	12.35	6.88	7.21	137.2	69.2	81.4	Tons	2.92	11.30	400	782
Cabbage for kraut	4.55	6.7	4.64	10.0	5.3	7.4	45.5	35.5	34.5	Tons	5.60	9.20	255	327
Onions, com- mercial	1.21	1.15	1.11	180	170	164	218	196	183	Cwt.	.75	1.12	164	220
Hemp.....	1.3	1.3	1.4	900	800	725	1,170	1,040	1,015	Lbs.	.045	.05	53	52
Sugar beets...	14.8	9	12.65	10.74	8.4	8.3	158.9	75.3	105	Tons	5.25	5.55	834	418
Cucumbers for pickles	8.4	17	10.1	77	61	48	647	1,037	508	Bus.	.60	.66	388	622
Peas for canning	98.8	108.6	101	2,000	1,360	1,440	197,600	147,700	146,800	Lbs.	.0251	.0258	5,157	3,803
Corn for canning	26.2	30.7	11.51	2.2	1.7	2.1	57.6	52.2	23.9	Tons	9.40	9.60	541	501
Snap beans for canning	8.7	7.3	5.85	1.0	1.3	1.4	12.2	9.5	7.7	Tons	49.00	46.30	598	440
Beets for canning	3.4	3.3	1.96 <sup>4</sup>	7.2	4.8	7.0 <sup>4</sup>	24.5	15.8	13.1 <sup>4</sup>	Tons	8.90	10.30	218	163
Green lima beans for canning	1.9	1.9	.16	1,370	810	1,030 <sup>4</sup>	2,600	1,540	480 <sup>4</sup>	Lbs.	.0374	.0306	97	47
<b>FRUITS</b>														
Apples.....	-----	-----	-----	-----	-----	-----	1,107	2,080	1,660	Bus.	.90	.79	996	1,643
Cherries.....	-----	-----	-----	-----	-----	-----	9.44	13.5	7.66	Tons	75.00	80.00	708	1,080
Cranberries...	2.4	2.4	2.22	26.7	47.9	23.1	64	115	51.1	Bbls.	11.90	9.70	762	1,116
Maple sugar...	291 <sup>7</sup>	280 <sup>7</sup>	272 <sup>7</sup>	-----	-----	-----	3	7	10	Lbs.	.38	.33	1	2
Maple sirup	-----	-----	-----	-----	-----	-----	49	73	65	Gal.	1.85	1.70	91	124
Strawberries...	2.5	2.4	1.74	80	70	48	200	168	83	Crts.	3.00	2.70	600	454
Grapes.....	-----	-----	-----	-----	-----	-----	.43	.45	.36	Tons	60.00	60.00	25	27
<b>Grand total</b>	<b>10,144.77</b>	<b>10,204.91</b>	<b>9,487.84</b>	-----	-----	-----	-----	-----	-----	-----	-----	-----	<b>153,823</b>	<b>164,822</b>

<sup>1</sup>9-year average, 1928-36.<sup>2</sup>Not included in acreage grown for hay.<sup>3</sup>Not included in total acreage.<sup>4</sup>Short-time average, not included in total.<sup>5</sup>Short-time average.<sup>6</sup>8-year average, 1929-36.<sup>7</sup>Trees tapped.

was quite badly discolored and on some the grain even sprouted in the shocks. As a result of more than the usual amount of waste in harvesting and threshing, in addition to the fact that much of the grain was already light, the yields were much lower than had been expected when the crop was standing in the fields.

### Cash Crop Returns Vary

A great variation exists in the production of Wisconsin cash crops in 1938. The important potato crop, which looked so promising early in the season, was greatly reduced by blight during the period of heavy rains in September. What had promised to be a splendid crop of potatoes turned out to be one that was below average. Many of the potatoes

produced were infected by blight and did not keep well. Tobacco production was quite heavy, but much wet weather during the harvesting period reduced the quality. Vegetable crops, such as peas, sweet corn, string beans, and others, made rather heavy production; while the fruit crops, such as apples, cherries, and cranberries made much smaller crops than a year ago.

Crop Summary of the United States for 1937 and 1938

Crop]	Acreage (000 omitted)			Yield per Acre			Production (000 omitted)			Unit	Farm Value (1000 dollars)	
	1938 (Preliminary)	1937	10-year average 1927-36	1938 (Preliminary)	1937	10-year average 1927-36	1938 (Preliminary)	1937	10-year average 1927-36		1938 Preliminary	1937
Corn.....	91,792	93,741	100,259	27.7	28.3	22.9	2,542,238	2,651,284	2,306,157	Bus.	1,279,711	1,379,616
Potatoes.....	3,008	3,174	3,343	122.8	124.2	110.6	369,297	394,139	569,693	Bus.	210,153	208,205
Tobacco.....	1,626.7	1,735.1	1,680.8	895.0	894.8	791.8	1,455,970	1,552,601	1,325,243	Lbs.	288,047	317,294
Oats.....	35,477	35,256	37,961	29.7	32.9	27.1	1,053,839	1,161,612	1,042,461	Bus.	229,895	349,395
Barley.....	10,513	9,968	10,967	24.0	22.1	21.0	252,139	220,327	234,895	Bus.	94,153	118,994
Rye.....	3,979	3,846	3,140	13.8	13.0	11.3	55,039	49,830	36,454	Bus.	18,881	34,157
Winter wheat.....	49,711	46,978	37,231	13.8	14.6	14.5	686,637	685,824	546,396	Bus.	386,244	670,513
Durum wheat.....	3,545	2,786	3,620	11.4	10.0	9.8	40,445	27,971	40,085	Bus.	19,469	23,785
Spring wheat other than durum.....	16,965	14,653	14,424	12.0	11.0	11.3	203,719	161,881	166,410	Bus.	108,301	148,430
Buckwheat.....	453	426	542	14.8	15.9	15.9	6,682	6,764	8,569	Bus.	3,708	4,530
Dry beans.....	1,671	1,700	1,731	9.14	9.17	6.99	15,268	15,582	12,053	Cwt.	37,605	45,271
Flaxseed.....	954	934	2,218	8.6	7.6	6.0	8,171	7,089	13,751	Bus.	13,161	13,242
Canning peas.....	312.6	334.8	236	1908	1602	1555	596,520	536,220	365,420	Lbs.	15,721	14,136
Cabbage.....	184.7	191.3	159.4	8.03	6.10	6.85	1,483.7 <sup>2</sup>	1,167.8 <sup>2</sup>	1,052.2 <sup>2</sup>	Bus.	12,538	15,712
Sugar beets.....	931	752	760	12.1	11.6	11.0	11,292	8,749	8,383	Tons	57,479	46,049
Onions, commercial.....	137.9	134.5	112.5	108	109	125	14,905 <sup>2</sup>	14,720 <sup>2</sup>	13,657 <sup>2</sup>	Cwt.	15,417	19,192
Apples.....							131,882	210,783 <sup>2</sup>	150,723 <sup>2</sup>	Bus.	107,482	132,903
Cherries.....							139.1 <sup>2</sup>	144.7	116.3 <sup>2</sup>	Tons	8,915	15,032
Cranberries.....	28	27.8	27.7	16.4	31.5	20.3	457.3	877.3	562.2	Bbls.	5,064	7,561
Tame hay.....	55,309	54,620	55,815	1.43	1.34	1.25	80,299	73,449	69,754	Tons	574,002	669,871
Wild hay.....	11,774	11,444	12,462	.89	.80	.79	10,444	9,168	9,979	Tons	44,221	51,775

<sup>1</sup> Total 12 states. <sup>2</sup> Total production including some quantities not harvested.

Because of the rainy weather in September, planting of winter wheat and rye in Wisconsin was interfered with, and a sharp reduction in the acreages of these crops occurred last fall. Clovers and grasses sown in the spring are reported to be generally in good condition.

United States Crops

For the United States as a whole 1938 was a year of heavy crop yields. In fact, the yields were about 11 percent above average, though the acreage harvested was somewhat below average. Total production of crops for the country as a whole was about 5 percent above average and one of the largest in recent years.

For most of the country the crop season was unusually favorable especially when it is compared with the series of drought years through which we have just passed. Due to good yields in 1937 there is also considerable carry-over of farm products so that the total supply available this year is generally large.

Tables on the crop production for 1938 are shown in this issue.

Stocks of Grain on Farms

(January 1 estimates)

Crop	Thousand Bushels on Hand			Percent of Previous Year's Crop		
	1939	1938	10-yr. av. 1923-37	1939	1938	10-yr. av. 1923-37
Wisconsin						
Corn <sup>1</sup> .....	29,511	19,206	15,278	70	60	54
Wheat.....	1,365	1,225	1,131	68	60	60
Oats.....	50,990	51,584	49,746	67	65	63
United States						
Corn <sup>1</sup> .....	1,797,231	1,673,221	1,331,334	78.9	71.2	67.6
Wheat.....	231,190	208,510	215,599	70.2	23.8	23.6
Oats.....	685,583	698,431	625,672	65.1	60.1	60.4

<sup>1</sup>Data based on corn for grain.

Stocks of Grain on Farms

While corn stocks on Wisconsin farms are high this month, the stocks of small grain being held are probably below a year ago. With the unusually good crop of corn harvested in the state, crop reporters indicate that nearly 30 million bushels of ear-corn were on farms at the beginning of January. This is nearly twice the average holdings. The stocks of oats in the state, however, were slightly smaller than a year ago, but a little above the 10-year average.

For the United States stocks of corn are relatively large this year, being estimated at 1,797,000,000 bushels compared with a 10-year average of 1,331,000,000 bushels. For the country as a whole, stocks of oats are slightly under a year ago, but wheat stocks are larger than a year ago and above average. The data on stocks of grain are shown in the accompanying table.

Milk Production

According to crop reports, Wisconsin milk production per farm averaged 203.3 pounds on January 1 compared with 200.7 pounds a year ago and a 10-year average for that date of 202.0 pounds.

After several months of seasonal decline which was much sharper than usual, a seasonal increase slightly higher than usual took place during December. Production per cow in herd was about 1 percent lower than a year ago, while the average number of cows per farm was nearly 2 percent higher than a year ago.

For 1938 as a whole, total milk production in the state will probably exceed 1937 by nearly 6 percent and will reach the highest production on record. The number of producing cows as well as the milk production per cow was higher than in 1937. The amount of grain and concentrates fed per cow in herd reported by dairy correspondents was 4.47 pounds for January 1 this year, which is nearly 1 percent higher than a year ago and is the highest recorded for that date since 1933.

Farmers have saved more of their calves in every month since February of 1938 than in the same month of the previous year. Data on milk production in Wisconsin and the United States are shown in the accompanying table.

MILK PRODUCTION

	Jan. 1, 1939 as a percent of 10-year average		
	Jan. 1 1929	Jan. 1 1938 average	Jan. 1 1939
Wisconsin			
Per farm.....	203.3	200.7	202.0
Per cow milked.....	19.39	19.71	20.25
Per cow in herd.....	13.78	13.87	14.08
United States			
Per cow in herd.....	12.33	11.88	11.85

United States Milk Production

Aided by mild weather and cheap feed, milk production showed slightly more than the usual increase from the seasonal low point of December 1, and on January 1 equaled the previous high record for that date, indicating a continuation of the rather heavy production that has been in evidence since early last summer.

Milk production per cow on January 1, as reported by crop correspondents, was 3.8 percent higher than at the beginning of 1938. As the number of milk cows has also begun to increase, the increase in total milk production was probably fully 4 percent. On a per cow basis, which takes into account the steady increase in population, milk production on January 1 this year was less than for that date in the four years 1931 to 1934, and only about 1 percent higher than the 1928-37 average for January 1.

For the country as a whole, milk production per cow in herds kept by crop correspondents on January 1 averaged 12.33 pounds compared with 11.88 pounds on the same date in 1938 and the January 1 average of 11.85 pounds. On January 1, 67.7 percent of the milk cows on hand were reported to have been milked, which is the same as a year ago, but otherwise the highest for that date in the fifteen years of record.

Wisconsin Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Dairy Ration Cost				Poultry Ration Cost				Index Numbers of Feed Prices 1910-14=100											Index Numbers of Prices Paid by Wis. Farmers <sup>13</sup>															
	Cost per 1000 lbs. <sup>1</sup>		Index (1910-14=100)		Pounds 100 lbs. of milk would buy <sup>2</sup>		Lbs. of milk required to buy 100 lbs. of dairy ration <sup>3</sup>		Value—1000 lbs. <sup>4</sup>		Index (1910-14=100)		Pounds of feed 10 doz. eggs will buy <sup>4</sup>		Dozens of eggs required to buy 1000 lbs. of ration <sup>4</sup>		By-Product Feed Costs											Commodities bought for use in farm family maintenance (1910-14=100)				Commodities bought for use in farm production (1910-14=100)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)								
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	130	98	21.32	33.93	37.31	22.41	25.80	98	96	97	101	99	103	100	-----									
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	100	23.10	34.74	41.32	24.16	25.18	97	96	97	101	100	103	102	-----									
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	110	105	24.18	34.29	41.40	25.42	28.08	99	98	98	99	104	97	100	108									
1913	11.36	88	117	85	11.53	92.3	182	55	92	94	92	90	94	21.30	28.72	41.90	22.45	25.78	102	102	102	99	97	98	99	94									
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	24.07	31.08	44.28	24.63	28.21	104	107	106	100	99	99	99	93									
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	22.95	35.84	43.64	24.55	26.24	111	108	117	106	105	101	100	122									
1916	14.48	113	107	93	15.32	122.1	163	61	112	106	112	122	112	23.61	36.44	45.53	25.33	29.08	127	126	135	120	117	110	114	114									
1917	21.87	170	98	102	25.75	205.2	132	76	173	161	162	196	176	35.69	50.29	75.98	39.33	46.00	151	160	158	142	151	126	120	157									
1918	24.03	187	105	95	27.71	220.8	143	70	179	151	192	215	187	34.55	58.29	98.08	35.75	54.01	181	191	214	175	172	155	154	232									
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	42.80	74.10	101.90	48.74	63.34	215	216	271	208	194	161	173	314									
1920	26.22	204	99	101	27.84	221.8	168	59	210	205	222	208	215	45.90	68.42	104.15	49.63	66.04	224	211	272	252	198	169	194	275									
1921	13.03	102	129	77	13.14	104.7	250	40	104	96	128	98	115	21.85	41.16	52.79	21.76	35.60	166	146	109	198	132	150	144	132									
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	23.66	51.62	62.32	24.58	36.00	155	138	181	188	129	134	136	133									
1923	15.37	120	136	74	15.42	122.9	189	53	123	122	155	114	135	27.88	49.72	60.28	28.92	43.85	160	147	185	194	135	143	143	145									
1924	16.24	126	109	92	17.02	145.6	177	56	127	113	144	135	135	25.62	46.67	54.82	26.85	40.00	157	143	189	194	137	153	139	160									
1925	16.30	127	117	86	18.73	142.2	177	56	125	124	142	139	141	27.04	45.44	60.80	30.47	39.59	166	156	190	187	144	154	145	192									
1926	14.50	113	131	76	17.87	126.5	197	51	118	111	145	111	126	25.60	48.44	70.12	25.98	35.67	164	156	184	183	143	156	147	209									
1927	16.13	126	131	76	17.52	139.6	163	61	134	131	149	128	138	29.59	49.17	71.87	31.86	35.75	160	154	178	184	145	156	157	228									
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	140	31.87	53.66	70.96	34.22	41.98	150	153	177	188	146	156	154	201									
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	168	126	140	29.11	57.20	71.82	30.17	41.70	156	146	175	186	144	155	149	208									
1930	14.09	110	116	86	15.00	119.5	161	62	114	105	142	112	122	24.49	48.30	61.81	24.60	34.75	146	135	164	179	134	154	145	159									
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	15.78	32.00	40.49	15.64	23.90	125	106	141	153	116	151	138	156									
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	12.44	26.31	27.65	12.34	14.98	107	87	118	130	103	141	136	109									
1933	9.96	70	108	92	8.64	65.8	167	60	72	67	85	68	80	15.21	30.89	35.45	15.81	20.15	105	89	115	120	101	139	124	104									
1934	13.61	106	80	125	12.63	109.6	139	72	104	100	112	104	107	23.18	38.70	39.04	23.51	26.49	119	104	133	130	121	149	140	139									
1935	13.36	104	99	101	14.13	112.6	169	59	105	102	107	111	111	23.33	34.81	46.24	24.41	28.02	124	118	133	132	124	152	115	162									
1936	14.01	109	108	92	15.52	123.6	147	68	113	108	117	116	117	24.33	36.60	55.08	26.40	28.42	124	116	134	134	128	152	108	178									
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	125	138	131	28.54	40.63	56.71	30.92	32.68	124	117	137	136	142	154	104	229									
Jan.	19.46	151	85	117	20.64	164.5	105	96	155	156	153	158	150	36.35	50.85	67.78	36.72	38.95	126	118	139	137	144	155	107	250									
Feb.	19.34	151	85	117	20.64	165.2	97	103	151	147	144	162	149	33.91	46.72	64.85	35.29	38.32	123	118	139	137	144	155	107	250									
Mar.	18.92	147	86	117	20.54	163.7	99	101	153	157	132	160	148	36.05	42.40	58.90	37.95	34.75	120	120	141	138	146	156	109	271									
Apr.	19.79	154	77	129	22.09	176.0	94	107	164	170	138	172	158	39.44	43.10	58.40	40.48	38.70	131	120	141	140	146	157	109	271									
May	19.33	150	76	132	21.71	173.0	84	119	157	156	137	171	154	34.74	43.35	55.71	39.10	38.70	131	121	141	141	146	157	109	271									
June	16.85	131	85	117	20.07	159.9	96	117	139	131	126	158	140	27.50	40.60	54.49	35.10	34.15	131	121	142	142	146	157	109	271									
July	16.43	128	89	113	20.08	166.0	95	105	137	130	118	157	138	27.85	37.22	54.52	34.35	32.20	131	121	143	141	142	158	109	263									
Aug.	12.68	99	120	83	16.86	139.9	117	86	107	94	108	123	116	21.05	33.69	53.69	22.25	29.70	132	122	144	140	137	158	109	264									
Sept.	12.44	97	132	76	16.24	129.4	129	77	104	92	104	120	111	20.73	33.85	52.78	22.35	26.20	132	122	145	139	133	159	109	245									
Oct.	12.16	95	142	70	14.00	111.6	174	58	100	95	107	102	105	21.00	35.72	54.70	23.10	25.70	131	121	144	140	133	159	109	245									
Nov.	11.85	92	152	66	12.01	95.7	233	43	96	95	113	87	101	22.20	38.59	51.90	22.10	26.65	130	120	143	140	133	159	109	245									
Dec.	12.05	94	148	68	12.02	95.8	201	50	97	94	119	87	101	21.91	41.69	52.15	22.22	28.14	129	119	141	141	133	159	109	245									
1938	11.30	88	113*	88*	11.38	90.7	182	55	91	85	118	84	96	19.42	42.98	49.62	20.31	24.20	126	116	140	140	134	160	115	247									
Jan.	12.85	100	126	79	12.75	101.6	164	61	104	104	126	92	106	24.48	44.69	54.02	24.29	29.45	128	113	138	139	135	160	122	249									
Feb.	12.83	109	116	86	12.62	109.6	123	81	102	99	128	92	105	23.19	45.22	53.40	23.04	30.20	125	110	137	138	136	161	128	250									
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	107	22.93	44.00	49.43	22.65	28.90	125	109	137	138	135	163	128	250									
Apr.	11.98	93	108	93	11.91	94.9	139	77	95	80	121	89	98	20.83	41.35	47.80	20.60	24.95	124	107	137	138	135	165	128	250									
May	11.96	93	103	97	11.71	93.3	151	65	94	88	122	89	98	20.49	40.60	43.90	21.20	23.20	124	106	137	138	134	166	128	250									
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	93	18.70	43.70	42.80	22.40	23.30	124	105	137	138	134	166	128	250									
July	11.04	85	119	92	11.55	92.0	161	62	89	80	119	89	96	17.60	44.00	47.80	20.65	23.45	124	105	137	138	131	165	128	221									
Aug.	10.07	78	117	87	10.65	84.9	183	55	81	71	113	78	91	16.01	41.00	47.90	16.75	22.80	125	104	137	138	127	164	127	191									
Sept.	10.22	80	114	87	10.68	85																													

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN											UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>									
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in per- cent of average				But- ter- fat <sup>3</sup> (lb.)	Farm but- ter <sup>3</sup> (lb.)	But- ter- fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Eva- porated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>10</sup>				
	For cheese (all types)	For butter	By con- dens- eries	Mar- ket milk	For cheese	For butter	By con- dens- eries	Mar- ket milk						Ameri- can <sup>3</sup>	Swiss <sup>3</sup>	Brick <sup>3</sup>	Lim- bur- ger <sup>3</sup>		Cheese div. by butter	Butter div. by cheese			
	\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.	\$	%	%				
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60	---	---			
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3	195		
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	102	30.6	28.5	25.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186		
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208		
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187		
1915	1.23	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197		
1916	1.54	1.59	1.42	1.63	1.60	103	92	108	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176		
1917	2.14	2.20	1.86	2.26	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174		
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7	183		
1919	2.83	2.77	2.50	3.15	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9	193		
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	53.7	25.2	31.0	23.4	25.3	6.15	44.6	224		
1921	1.69	1.66	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	44.2	227		
1922	1.67	1.67	1.63	1.73	1.83	100	95	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	49.2	203		
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.3	45.7	42.2	2.49	46.0	22.2	30.0	21.6	20.0	4.85	48.2	207		
1924	1.75	1.53	1.76	1.84	2.13	90	101	105	123	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2	226		
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	206		
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.40	47.2	212		
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.76	49.6	202		
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208		
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	19.5	4.30	46.0	218		
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	46.4	215		
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.00	46.1	216		
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.8	204		
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.8	2.55	49.0	204		
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4	212		
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	23.8	14.4	19.6	13.8	12.8	2.91	49.9	200		
1936	1.51	1.42	1.45	1.60	1.80	91	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209		
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.3	1.96	33.2	15.9	20.3	15.2	14.6	3.17	47.8	209		
January	1.66	1.56	1.60	1.70	2.02	94	96	102	122	38.	35.	34.3	2.05	33.0	16.0	21.8	15.0	15.5	3.30	48.4	206		
February	1.64	1.54	1.53	1.67	1.99	94	96	102	121	38.	34.	33.9	2.02	33.4	16.0	22.0	15.0	15.5	3.19	48.0	208		
March	1.62	1.50	1.56	1.69	1.98	93	96	104	122	39.	35.	34.9	1.98	35.0	16.0	22.0	15.0	15.3	3.15	45.7	219		
April	1.53	1.40	1.48	1.60	1.92	92	97	105	125	38.	33.	33.0	1.87	31.2	14.7	22.0	14.2	15.0	3.17	47.2	212		
May	1.46	1.34	1.40	1.51	1.87	92	95	103	125	36.	33.	31.6	1.79	30.3	14.5	22.0	14.0	15.0	3.15	47.9	209		
June	1.44	1.33	1.39	1.48	1.80	92	97	103	125	35.	31.	30.8	1.76	30.0	14.5	19.8	14.0	17.0	3.15	48.3	207		
July	1.46	1.36	1.40	1.47	1.84	93	96	101	126	35.	32.	31.1	1.82	30.7	14.7	19.0	14.0	13.0	3.20	47.9	209		
August	1.52	1.42	1.43	1.54	1.90	93	94	101	126	35.	32.	31.6	1.91	32.0	15.9	19.0	15.1	12.0	3.25	49.7	201		
September	1.64	1.55	1.54	1.68	2.00	95	94	102	122	37.	34.	33.4	2.03	34.1	16.5	19.4	16.1	13.6	3.25	48.4	207		
October	1.73	1.66	1.58	1.78	2.08	96	91	103	120	39.	35.	35.1	2.11	34.9	17.4	20.0	17.2	15.0	3.25	49.9	201		
November	1.80	1.71	1.65	1.86	2.15	95	92	103	119	41.	37.	36.2	2.22	35.9	17.5	20.8	17.4	15.2	3.25	47.4	211		
December	1.78	1.67	1.68	1.85	2.17	94	94	104	122	43.	40.	38.4	2.22	37.3	16.8	21.1	15.9	15.8	3.25	45.0	222		
1938	1.23*	1.16*	1.21*	1.31*	1.72*	91*	95*	102*	134*	30.7	28.4	27.1	1.85*	27.4	12.8	17.0	11.9	12.5	3.02	46.2	217		
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	34.	33.5	2.10	32.5	15.4	21.1	14.0	14.8	3.25	47.2	212		
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.	31.	30.5	1.98	30.1	14.6	20.8	12.8	13.2	3.25	48.6	205		
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.88	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213		
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.72	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213		
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.0	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208		
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213		
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.2	1.56	25.4	12.0	17.5	11.8	11.5	3.00	47.1	212		
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	23.	21.	1.60	25.5	10.8	16.8	10.4	12.0	2.90	42.2	237			
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	43.1	232		
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0	213		
November	1.25	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	25.5	11.5	16.6	11.4	12.5	2.90	43.4	231		
December	1.23*	1.16*	1.23*	1.33*	1.77*	91*	95*	103*	137*	30.	29.	27.0	1.85*	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215		

For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents. <sup>1</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.44 percent fat; market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>2</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

- <sup>3</sup>Wholesale price of 92-score butter at Chicago.
- <sup>4</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.
- <sup>5</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.
- <sup>6</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.
- <sup>7</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920, incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in car-load lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.
- <sup>8</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.
- <sup>9</sup>Preliminary.

EGG PRODUCTION

	Jan. 1, 1939		Jan. 1, 1938		Jan. 1, 1928-37		Jan. 1, 1933		Jan. 1, 1939	
	No.	No.	No.	No.	average	average	%	%	10-year average	%
Wisconsin										
Hens and pullets per farm	104.0	97.6	98.0	106.6	105.1					
Eggs per farm	33.9	30.5	22.5	111.1	150.7					
Eggs per 100 hens and pullets	32.6	31								



Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100...%	Dec.	101*	101	124	106	Index of farm prices <sup>1</sup> , 1910-14=100...%	Dec.	96	94	104	104
Prices farmers pay <sup>2</sup> , 1910-14=100...%	Dec.	123*	123*	131	124*	Prices farmers pay <sup>2</sup> , 1910-14=100...%	Dec.	120	121	125	124
Purchasing power, farm products <sup>3</sup> , 1910-14=100...%	Dec.	82*	82*	95	85	Purchasing power, farm products <sup>3</sup> , 1910-14=100...%	Dec.	80	78	83	84
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>4</sup></b>					
Farm price of milk <sup>5</sup> , cwt. ....	Dec.	1.29*	1.26	1.78	1.46	Farm price of butterfat, per lb. ....	Dec. 15	27.0	25.0	38.4	30.2
Farm price of butterfat <sup>5</sup> ....	Dec. 15	30	28	43	34.2	Price (wholesale), 92-score butter, Chicago, per lb. ....	Dec.	27.37	26.51	37.34	30.34
Price, American cheese, Wis. Cheese Exchange (twins) per lb. ....	Dec.	12.75	11.50	16.80	14.36	Butter receipts at 4 markets (000 omitted) ....	Dec.	50751*	47281	44501	44695
Milk production per cow in herd <sup>6</sup> ...	Jan. 1	13.78	12.68	13.87	13.51	Cheese receipts at 4 markets (000 omitted) ....	Dec.	9672*	9997	9918	9788
Milk production per farm <sup>6</sup> ...	Jan. 1	203.3	186.6	200.7	193.9	Milk production per cow in herd ...	Jan. 1	12.33	11.83	11.88	11.37
Milk production per cow milked <sup>6</sup> ...	Jan. 1	19.39	17.63	19.71	19.13	<b>Cold-Storage Holdings<sup>7</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>6</sup> ...	Dec.	10.12	8.66	10.84	9.82	Creamery butter ...	Jan. 1	127805*	159254	42953	60546
Calves born during month being raised <sup>6</sup> %	Dec.	41.31	37.86	38.07	32.86	American cheese ...	Jan. 1	102570*	109738	89258	87773
Grains and concentrates fed <sup>6</sup> per cow in herd ...	Jan. 1	4.47	3.72	4.44	3.67	Swiss cheese ...	Jan. 1	5733*	6109	4696	5641
per farm ...	Jan. 1	63.8	53.6	62.5	49.3	All other cheese ...	Jan. 1	11387*	11593	9981	8201
per 100 lbs. of milk produced ...	Jan. 1	31.25	23.20	30.86	25.71	All varieties of cheese ...	Jan. 1	119690*	127440	103935	101615
Farm price of milk cows <sup>8</sup> ...	Dec. 15	70	68	73	55.80	Total frozen poultry ...	Jan. 1	139188*	118088	123500	134856
Wisconsin butter receipts at 4 markets <sup>9</sup> (000 omitted) ...	Dec.	5821*	5562	4242	4665	Eggs, shell ...	Jan. 1	300*	1439	831	765
Wisconsin cheese receipts at 4 markets <sup>9</sup> (000 omitted) ...	Dec.	6457*	6107	6884	7004	Eggs, shell and frozen, (case equivalent) ...	Jan. 1	2092*	3670	3951	2804
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>9</sup></b>					
Hens per farm flock <sup>11</sup> ...	Jan. 1	104.0	100.2	97.6	99.4	Hens per farm flock ...	Jan. 1	82.8	78.0	77.6	81.2
Eggs per 100 hens <sup>11</sup> ...	Jan. 1	32.6	25.7	31.2	25.6	Eggs per 100 hens ...	Jan. 1	24.6	19.9	22.7	19.9
Eggs per farm flock <sup>11</sup> ...	Jan. 1	33.9	25.8	30.5	25.6	Eggs per farm flock ...	Jan. 1	20.4	15.9	17.8	16.2
Farm price of chickens <sup>12</sup> , per lb. ...	Dec. 15	13.1	12.6	15.3	12.2	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>13</sup>, (000 omitted)</b>					
Farm price of eggs <sup>12</sup> , per doz. ...	Dec. 15	25.7	23.9	24.2	24.6	Dry whole milk ...	Dec. 1	3968*	4841*	3103	3396
<b>Feed Price Changes</b>						<b>Feed Price Changes</b>					
Index of feed prices <sup>14</sup> , 1910-14=100...%	Dec.	86.9	81.9	95.6	108.8	Dry skim milk ...	Dec. 1	34999*	41204*	27181	24094
Cost, 1000 lbs. dairy ration <sup>14</sup> ...	Dec.	10.64	10.19	12.05	13.80	Dry buttermilk ...	Dec. 1	6663*	6590*	4767	4499
Amount of ration 100 lbs. of milk will buy <sup>14</sup> ...	Dec.	121.2*	123.7	147.7	111.2	Condensed milk (case goods plus bulk goods) ...	Dec. 1	19375*	23769	12227	17248
Wisconsin by-product feed costs per ton <sup>14</sup> f. o. b. Madison ...	Dec.	19.20	17.80	21.91	24.47	Evaporated milk (case goods) ...	Dec. 1	234633*	344316	218372	203315
Standard bran ...	Dec.	42.35	41.10	41.60	40.91	<b>Slaughtering under Federal Meat Inspection<sup>15</sup>, (000 omitted)</b>					
Linseed oil meal ...	Dec.	21.60	21.10	23.14	29.83	Cattle ...	Dec.	758	853	859	851
Corn gluten feed ...	Dec.	53.40	51.90	52.15	49.13	Calves ...	Dec.	417	457	452	455
Tankage ...	Dec.	19.70	17.80	22.22	25.23	Sheep and lambs ...	Dec.	1347	1453	1403	1405
Standard middlings ...	Dec.	31.55	30.40	31.05	35.69	Hogs ...	Dec.	4346	3913	3958	4048
Cottonseed meal ...	Dec.	10.66	10.03	12.02	13.88	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>16</sup> ...	Dec.	241.1	238.1	201.3	185.6	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>16</sup> ...	Dec. 15	6.80	7.00	7.40	6.5*	Wholesale prices <sup>17</sup> , 1910-14=100	Dec. 15	112	113	119	115.0
Farm price of hogs <sup>17</sup> , per cwt. ...	Dec. 15	5.80	5.50	5.40	4.16	All commodities ...	Dec. 15	113	115	124	120.8
Farm price of beef cattle <sup>17</sup> , per cwt. ...	Dec.	82.4	81.5	91.4	81.8	Food ...	Dec. 15	127.1	134.9	123.0	123.0
<b>BUSINESS AND INDUSTRY</b>						<b>BUSINESS AND INDUSTRY</b>					
Index of Employment <sup>18</sup> , 1925-27=100...%	Dec.	83.8	81.6	90.2	70.5	Retail food prices <sup>18</sup> , 1910-14=100...%	Dec. 15	85.6	88.6	83.3	83.3
Index of Pay Rolls <sup>18</sup> , 1925-27=100...%	Dec.	83.8	81.6	90.2	70.5	Cost of living <sup>18</sup> , 1923=100...%	Dec.				
<b>Factory employment (adjusted)<sup>19</sup></b>						<b>Factory employment (adjusted)<sup>19</sup></b>					
No. of employees, 1923-25=100...%	Nov.	90	88	101	92.7	Business activity <sup>20</sup> , normal=100...%	Nov.	95.4*	88.8	87.8	87.6
Business activity <sup>20</sup> , normal=100...%	Nov.	95.4*	88.8	87.8	87.6	Industrial production (adjusted) <sup>21</sup>	Nov.	103	96	88	89.0
Industrial production (adjusted) <sup>21</sup>	Nov.	103	96	88	89.0	1923-25=100...%	Nov.	69	68	71	68.0
1923-25=100...%	Nov.	69	68	71	68.0	Freight-car loadings (adjusted) <sup>22</sup>	Nov.				
Freight-car loadings (adjusted) <sup>22</sup>	Nov.	69	68	71	68.0	1923-25=100...%	Nov.				

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1933-37 for Nov. and Dec. data; 1934-38 for Jan. data. <sup>11</sup> Preliminary.

pared with 15 percent above that level in 1937. At the beginning of this year wage rates were lower than they were a year ago. The average of the wages paid by Wisconsin crop reporters on January 1 are as follows; per month with board, \$23.25; \$36.75 per month without board, \$1.30 per day with board, and \$1.85 without board.

**Wisconsin Farm Prices**

Wisconsin's index of farm prices at 101 percent of pre-war for December was unchanged from November, but it was 23 points lower than a year ago. Increases from last month in the cash crop, milk, grain, and unclassified groups were offset by declines in the poultry product and livestock groups. Compared with a year ago, all groups were lower, although poultry products and livestock were only slightly under the level prevailing a year ago. At 123 percent of pre-war for December, the index of prices paid by farmers for commodities bought was 8 points lower than a year ago. Purchasing power for the state's farmers at 82 percent of pre-war for both November and December was higher than in the preceding months, but it is 13 points below a year ago. Farmers of the state received 1.29 per hundredweight for milk for all uses in December compared with \$1.26 for November and \$1.78 per hundred-

weight a year earlier. From November to December deliveries to market milk establishments led the upturn with an increase of 10 cents, followed by milk for use in butter which rose 6 cents. Deliveries to condenseries brought 5 cents more and milk used in cheese was 1 cent higher at \$1.16 per hundred-weight for December. All utilizations were sharply lower than a year ago, however.

**United States Farm Prices**

During 1938 the United States farm price index averaged 95 percent of pre-war as compared with 121 percent for 1937, or a decline of more than 21 percent. Only two other periods during the past twenty-nine years have shown a decline for a single year as drastic as occurred from 1937 to 1938. During 1938 the index remained below pre-war for every month after January and it likewise remained relatively stable throughout the year. Purchasing power also declined sharply reaching 77 percent of pre-war for 1938 compared with 93 percent of pre-war during 1937. In the current situation, an increase of 2 points in the nation's farm price index was shown from mid-November to 96 percent of pre-war in mid-December. Increases were shown in the truck crop, dairy product, grain, and fruit groups. The poultry product,

cotton and cottonseed, and meat animal groups declined during the past month. Purchasing power has risen to 80 percent for December compared with 78 percent of pre-war for November and 83 percent a year ago.

**Current Changes**

Larger holdings of dairy products and total frozen poultry but less eggs were reported at the beginning of 1939 than a year earlier. Fewer slaughtering, except hogs, were reported for December 1938 than in the same month of 1937. Business conditions improved somewhat in recent months while business activity and industrial production have been above a year ago.

**Cold-storage Holdings:** Dairy stocks were down from December 1, although the January 1 totals of creamery butter and all cheese were record high for the first of the year. Frozen poultry holdings increased during December; however, they are still below the record level of early 1937. Shell egg stocks declined to nearly the record low for January 1. Total egg stocks are below a year ago and under average.

**Butter:** January 1 butter holdings totaled about 128 million pounds, or nearly three times the stocks of a year earlier and twice the 5-year average. A high net out-of-storage movement of 31 million pounds occurred during

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)									Purchasing Power				Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>4</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>5</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>6</sup>	Index numbers of Wisconsin farm real estate values <sup>7</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>8</sup>	Purchasing power (Column 14 divided by column 22) <sup>9</sup>	Index number of U. S. farm real estate value <sup>10</sup>			
1910.....	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	101	113	98	104	---			
1911.....	91	92	111	85	90	91	99	100	118	98	93	92	95	96	87	95	91	102	---	101	101	94	---			
1912.....	102	101	111	95	103	101	117	90	111	101	101	102	100	106	95	102	100	94	---	87	100	100	97			
1913.....	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	---	97	101	100	100			
1914.....	105	106	93	111	104	104	105	108	85	102	103	102	101	102	112	102	106	91	---	85	100	101	103			
1915.....	101	99	117	101	103	101	90	89	89	109	93	94	98	120	104	103	101	82	---	77	105	93	103			
1916.....	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	---	119	124	95	108			
1917.....	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	---	187	149	117	117			
1918.....	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	196	---	245	176	115	129			
1919.....	214	205	188	209	224	195	204	254	172	205	104	109	143	213	235	207	186	209	---	247	202	105	140			
1920.....	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	---	248	201	105	170			
1921.....	128	123	114	102	134	160	161	143	123	116	123	148	86	125	112	109	156	162	---	101	152	82	157			
1922.....	125	119	100	107	131	141	143	178	123	142	88	92	164	132	106	114	143	141	---	156	149	89	139			
1923.....	137	111	102	90	131	141	123	116	121	148	93	111	147	142	113	107	159	146	---	216	152	93	135			
1924.....	128	118	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	---	212	152	94	130			
1925.....	144	138	133	133	150	160	154	129	115	155	92	97	130	156	157	140	153	163	---	177	157	99	127			
1926.....	151	152	114	146	150	158	216	126	119	154	98	97	125	145	131	147	152	159	---	122	155	94	124			
1927.....	154	142	121	136	167	144	193	142	121	153	101	109	122	139	128	140	155	144	---	128	153	91	119			
1928.....	156	143	130	146	170	183	140	169	115	153	102	111	120	149	130	151	158	153	---	159	152	96	117			
1929.....	155	148	116	122	162	160	144	177	114	150	103	108	119	146	120	156	157	162	---	144	153	95	116			
1930.....	129	130	85	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	---	102	145	87	115			
1931.....	99	89	87	85	91	95	107	97	90	121	74	75	104	87	63	92	108	100	---	117	63	124	70			
1932.....	67	63	66	65	70	80	66	71	82	105	64	67	91	65	44	63	83	82	---	102	47	107	61			
1933.....	70	64	68	63	78	70	85	90	80	105	67	74	80	70	62	60	82	75	---	64	109	64	73			
1934.....	81	76	101	89	86	85	100	114	106	121	67	71	80	90	93	68	96	89	---	100	123	73	76			
1935.....	105	106	94	111	195	116	87	89	98	124	85	84	82	108	103	118	108	117	---	101	125	86	79			
1936.....	118	117	104	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	---	100	124	92	82			
1937.....	125	124	124	127	125	109	137	137	68	135	93	93	89	121	126	132	124	111	---	105	130	93	85			
Jan.....	129	126	148	123	131	105	155	161	107	134	96	99	---	131	143	128	128	110	---	105	115	107	130			
Feb.....	128	126	140	121	130	100	144	161	107	136	94	96	---	127	148	126	126	101	---	108	132	96	---			
Mar.....	128	128	147	124	128	103	166	161	108	138	93	94	---	128	145	129	125	102	---	116	132	97	---			
Apr.....	124	127	151	122	121	107	158	161	109	138	90	88	---	130	154	130	120	104	---	117	134	97	---			
May.....	121	126	148	126	115	97	149	161	108	138	88	83	---	128	149	133	116	96	---	112	134	96	---			
June.....	119	124	131	130	114	93	131	161	104	138	86	83	---	124	139	127	113	95	---	124	107	134	93			
July.....	122	128	130	136	115	99	146	113	90	136	90	85	---	125	139	144	116	102	---	106	106	133	94			
Aug.....	126	132	103	148	120	107	134	113	89	134	94	90	---	123	119	151	119	109	---	104	90	132	93			
Sept.....	128	126	101	141	130	111	115	113	88	132	97	98	---	118	111	144	123	119	---	121	117	74	130			
Oct.....	130	123	95	135	137	123	107	113	90	132	98	104	---	112	91	136	128	127	---	67	128	88	---			
Nov.....	127	113	90	114	142	136	110	113	85	131	97	108	---	107	85	120	132	135	---	88	124	65	127			
Dec.....	124	108	89	108	141	122	112	112	113	87	131	95	---	104	86	111	136	127	---	76	112	84	126			
1938.....	103 <sup>10</sup>	104	79	110	101 <sup>10</sup>	106	108	100	76	120 <sup>10</sup>	83 <sup>10</sup>	80 <sup>10</sup>	88	95	74	114	109	108	---	73	105	70	123			
Jan.....	117	107	95	108	128	111	113	115	86	131	89	98	---	102	91	110	128	113	---	70	101	66	126			
Feb.....	111	105	95	110	118	90	113	115	84	130	85	91	---	97	89	100	121	94	---	68	121	68	126			
Mar.....	108	107	92	114	118	94	111	115	83	130	83	85	---	96	85	117	117	93	---	69	107	70	125			
Apr.....	103	104	86	109	102	93	111	115	82	130	79	78	---	94	82	114	110	93	---	68	117	71	125			
May.....	100	103	85	107	97	99	113	115	77	129	78	75	---	92	79	111	103	98	---	77	99	71	125			
June.....	100	106	79	111	95	96	118	115	74	129	78	74	---	92	77	116	98	99	---	68	124	74	---			
July.....	102	108	77	115	95	97	123	85	74	127	80	75	---	95	72	123	101	103	---	79	115	71	123			
Aug.....	97	102	67	110	92	100	106	85	72	125	78	74	---	92	62	115	102	105	---	69	122	75	---			
Sept.....	99	105	69	115	92	115	96	85	70	123	80	75	---	95	63	117	104	118	---	75	98	69	121			
Oct.....	93	102	69	106	95	126	94	85	70	123 <sup>10</sup>	81 <sup>10</sup>	77 <sup>10</sup>	---	95	60	111	107	124	---	70	108	72	121			
Nov.....	101	102	67	105	100	130	98	85	70	123 <sup>10</sup>	81 <sup>10</sup>	81 <sup>10</sup>	---	94	60	111	109	131	---	71	98	73	121			
Dec.....	101 <sup>10</sup>	101	69	104	102 <sup>10</sup>	120	102	85	71	123 <sup>10</sup>	82 <sup>10</sup>	83 <sup>10</sup>	---	96	63	109	112	127	---	70	120	80	---			

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly or March, June, September, and December. <sup>5</sup>Index for other months are interpolations from the quarterly data. <sup>6</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>8</sup>Average of estimated values, 1912-14=100. <sup>9</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. <sup>10</sup>Index for other months are interpolations from the quarterly data. <sup>11</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>12</sup>Preliminary

December compared with the out-movement of over 23 million pounds in December of 1937. The 5-year average out-movement is 27 million pounds. Of the total January 1 holdings, the Dairy Products Marketing Association held 87 million pounds, or 68 percent for resale on the open market and to the government for relief purposes. Practically all of these holdings by the Association are reported to be in Chicago and in the New York metropolitan area.

**Cheese:** Total cheese holdings on January 1 were nearly 120 million pounds compared with about 104 million a year ago and the 5-year average of nearly 102 million pounds. American cheese in storage on the first of the year totaled nearly 103 million pounds, or the largest holdings on record for that date. The December net out-of-storage movement of 7 million pounds was the largest for several years. Swiss cheese stocks on January 1 were

reported to be about 5.7 million pounds, or a million larger than a year earlier and over 90,000 pounds above the 5-year average.

**Poultry and Eggs:** Frozen poultry stocks totaled about 139 million pounds on January 1. These stocks increased as is usual during December. While larger than the 124 million pounds held a year ago, holdings of frozen poultry are still much below the record stocks of the early months of 1937. Only 300,000 cases of shell eggs were in storage on January 1, thus being the lowest for the date except in 1933. Stocks a year ago and the average for five years were over twice the January 1 total. Including frozen eggs, over 2 million cases of eggs in cold storage on January 1 were considerably less than a year ago and the 5-year average.

**Dry, Evaporated, and Condensed Milk:** Stocks held by manufacturers on December 1 were larger than last year

and the 5-year average. Except for dry buttermilk, there was a net decrease in size of stocks during November. Evaporated milk stocks (case goods) on December 1 totaled nearly 285 million pounds, the largest total ever reported for that date. The sharp reduction in stocks during November is reported to be largely due to the active demand of wholesale grocers.

**Livestock Slaughtering:** Cattle and calves slaughtered under federal meat inspection during December totaled the lowest for the month since 1933, sheep and lamb slaughtering were the lowest since 1934, although hog slaughtering were the largest for any month since January 1934, except in December 1936. Cattle slaughtering totaled 758,000 head in December compared with 859,000 a year earlier and the 5-year average of about the same number. Fewer calves were slaughtered in December than for that month since 1933.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

WISCONSIN DEPARTMENT OF AGRICULTURE & MARKETS  
Division of Agricultural Statistics

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## IN THIS ISSUE

### 1939 Livestock Inventory

With large supplies of feed and good pastures during the past year, increases in livestock numbers are general. Estimates for January 1 show more cattle, hogs, sheep, and chickens in Wisconsin and in most other states, but horses are again showing widespread declines in numbers.

### Potato Stocks and Utilization

Smaller stocks of market potatoes were held by growers and dealers last month than was the case a year ago. Of the 1938 crop, a high percentage in Wisconsin was unfit for food or seed. Quantities of potatoes being saved for seed are unusually small this year, which suggests that probably there will be a further decline in acreage.

### Milk Production

Milk production in Wisconsin at the beginning of this month was lower than a year ago in spite of a favorable relationship between the price of milk and the price of feed. For the United States, production is higher than it was a year ago.

### Egg Production

In Wisconsin the flocks of chickens are about the same size as they were a year ago, but for the United States they are about 5 percent larger. Egg production is at about the same level as a year ago, but egg prices have been extremely low.

### Prices Farmers Receive and Pay

With the rather sharp decline in milk prices, the average farm price level has been carried lower during the past month. Prices which farmers pay have not changed much recently with the result that farm buying power has declined further.

### Current Changes

Business activity is somewhat higher than a year ago, but factory employment continues lower. Stocks of dairy products are above last year and also above average.

### World Price Index

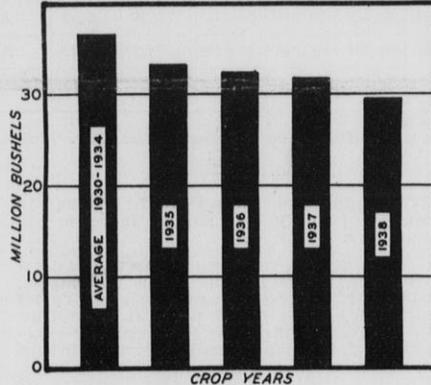
A new index showing changes in world price levels is included for the first time in this issue.

**A**N INVENTORY of the number of livestock on the nation's farms at the beginning of the year shows a general increase in all species except horses and mules which continue their downward trend. Along with the livestock, milk production shows a sharp increase for 1938 as compared with 1937. During the past year feed supplies and pastures were the best in years, and this general increase of livestock and milk production has resulted.

In Wisconsin, as for the country as a whole, a sharp upward trend in the number of livestock has occurred. An increase of 2 percent is reported in cattle, 12 percent in hogs, 1 percent in sheep, and 4 percent in chickens. Only the horses continue their downward trend with a reduction of 2 percent from a year ago. Feed supplies are large and there has been a strong demand for feed-consuming animals of all kinds.

For the United States as a whole an increase of 1 percent is shown in the number of cattle, 11 percent for hogs, 2 percent for sheep, and 7 percent for chickens. The number of horses in the United States continues to decline, with a 3 percent reduction reported for January 1939 as compared with a year ago.

## SEED POTATOES SAVED IN LOCALITY WHERE GROWN



Estimates of the quantities of seed potatoes being saved for seed in the 37 late and intermediate states placed the figure under 30 million bushels, which is the smallest figure reported since these estimates have been made. This rather small amount of seed being saved in the locality where grown indicates declines of acreage in prospect in the late potato states. In Wisconsin, a sharp decline took place last year.

## Weather Summary, January 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	January 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	-21	35	15.2	7.9	1.75	0.97	+0.78
Spooner.....	-16	42	18.0	10.3	1.68	0.82	+0.86
Park Falls.....	-16	42	18.0	8.7	1.63	1.26	+0.37
Rhineland.....	-24	43	16.1	10.4	3.04	0.87	+2.17
Wausau.....	-11	44	21.0	14.2	2.19	1.05	+1.14
Marinette.....	-8	45	22.6	19.0	3.18	1.83	+1.35
Escanaba.....	-6	41	20.4	15.4	2.83	1.49	+1.34
Minneapolis.....	-10	45	19.6	12.7	1.06	0.86	+0.20
Eau Claire.....	-9	46	21.2	13.4	1.20	1.14	+0.06
La Crosse.....	-3	55	24.7	16.1	1.10	1.08	+0.02
Hancock.....	-12	48	22.6	14.2	1.53	1.06	+0.47
Oshkosh.....	-9	51	23.6	17.2	2.45	1.22	+1.23
Green Bay.....	-6	49	23.1	15.7	1.83	1.54	+0.29
Manitowoc.....	-4	47	20.3	19.1	1.65	1.43	+0.22
Dubuque.....	1	58	25.4	19.1	0.81	1.30	-0.49
Madison.....	1	53	26.2	16.7	1.95	1.38	+0.57
Beloit.....	4	56	29.6	20.3	1.87	1.43	+0.44
Milwaukee.....	2	54	28.7	20.6	1.60	1.78	-0.18

**Cattle:** In Wisconsin, the cattle population is estimated at 3,339,000 head, which is an all-time high point. Of these, it is estimated that 2,179,000 head are milk cows and heifers 2 years old and over. The number of heifers from 1 to 2 years old in Wisconsin being kept for milk cows is estimated at 424,000 head, an increase of 3.5 percent from a year ago. The number of heifer calves under 1 year of age being kept is estimated at 466,000 head, an increase of 6 percent.

For the United States, the number of milk cows 2 years old and over is estimated at 25,093,000 head, which is 1 percent above the number taken a year ago. The number of dairy heifers from 1 to 2 years old for the United States is estimated at 5,138,000 head, or over 5 percent more than a year ago. The number of dairy heifers in the United States under 1 year is estimated at 5,635,000 head, which is 4.6 percent over a year ago.

The total value of the cattle population in the country on the first of January was estimated to exceed 2.5 billion dollars, which is an increase over last year. In Wisconsin, the value of cattle was estimated to be nearly 184 million dollars, which is a decrease of about 4.5 million dollars from a year ago.

**Hogs:** An unusually sharp increase is noted in the number of hogs on farms at the beginning of the present year. According to the estimates, there were over 49 million head this year compared with 44,218,000 head last year, an increase of 11 percent. The increases in hogs are quite general throughout the United States but they are especially large in the Corn Belt States, the Lower Mississippi Valley, and southeastern states. Decreases in hog numbers are shown in northern New England and some of the southwestern and Pacific Coast states.

Number and Value of Livestock, January 1

Wisconsin

Class of Livestock	Number (000 omitted)						Farm Price per Head <sup>1</sup>				Farm Value (000 omitted) <sup>1</sup>			
	1939 (Pre- liminary)	1938 (Re- vised)	1937	1936	1935	1934	1939 (Pre- liminary) Dollars	1938 Dollars	1937 Dollars	1936 Dollars	1939 (Pre- liminary) Dollars	1938 Dollars	1937 Dollars	1936 Dollars
Cows and heifers 2 years old and over kept for milk	2,179	2,157	2,136	2,136	2,136	2,226	69.00	72.00	64.00	66.00	150,351 <sup>2</sup>	155,304 <sup>2</sup>	136,704 <sup>2</sup>	140,976 <sup>2</sup>
Heifers 1 to 2 years old kept for milk cows	424	410	402	348	376	409								
Heifer calves being saved for milk cows	466	439	442	430	366	410								
All other calves	75	70	78	79	63	82								
Cows and heifers 2 years old and over not kept for milk	16	17	19	20	21	28								
Heifers 1 to 2 years old not for milk	17	19	18	18	16	19								
Steers 1 year and over	61	61	48	48	38	50								
Bulls 1 year and over	101	101	99	99	100	107								
All Cattle	3,339	3,274	3,242	3,178	3,116	3,331	55.10	57.50	51.40	53.20	183,867	188,235	166,725	169,101
Horses	515	526	531	526	521	512	118.00	124.00	128.00	127.00	60,689	64,997	67,954	67,024
Mules	6	6	6	6	6	6	117.00	119.00	137.00	127.00	702	714	822	762
Sows and gilts	350	295	272	315	238	280								
Other hogs over 6 months	313	320	276	325	351	435								
Pigs under 6 months	791	683	725	700	475	642								
All Swine	1,454	1,298	1,273	1,340	1,064	1,364	12.30	12.70	12.60	14.60	17,898	16,549	16,096	19,535
Ewes 1 year and over	306	306	307	309	312	308								
Ewe lambs for breeding	69	69	70	79	78	72								
Wether and ram lambs	10	10	8	9	10	9								
Rams and wethers 1 year and over	15	15	15	15	16	15								
Stock sheep and lambs	400	400	400	412	416	404								
Sheep and lambs on feed	82	78	78	90	81	85								
All sheep and lambs	482	478	478	502	497	489	5.60	6.40	6.00	6.50	2,686	3,048	2,868	3,251
Chickens over 3 months old	15,484	14,903	16,559	15,919	14,974	15,600	.75	.80	.70	.82	11,613	11,922	11,591	13,054
Total Value											277,455	285,465	266,056	272,727

United States

Cows and heifers 2 years old and over kept for milk	25,093	24,834	24,993	25,439	26,069	26,931	55.68	54.44	50.39	49.27	1,397,280 <sup>2</sup>	1,352,014 <sup>2</sup>	1,259,321 <sup>2</sup>	1,253,427 <sup>2</sup>
Heifers 1 to 2 years kept for milk cows	5,138	4,874	4,957	4,789	4,989									
All other cattle	36,590	36,375	36,853	37,701	37,471									
All cattle	66,821	66,083	66,803	67,929	68,529	74,262	38.46	36.58	34.06	34.09	2,569,793	2,417,235	2,275,182	2,315,847
Horses	10,800	11,128	11,445	11,635	11,861	12,052	84.40	90.96	99.18	96.82	911,572	1,012,217	1,135,128	1,125,457
Mules	4,382	4,428	4,568	4,684	4,822	4,945	117.72	122.65	129.93	120.36	515,869	543,092	593,526	563,781
Swine including pigs	49,011	44,218	42,770	42,837	39,004	58,621	11.17	11.26	11.89	12.72	547,461	498,070	508,643	544,911
Sheep and lambs	53,762	52,682	52,489	52,022	52,245	53,713	5.75	6.12	6.02	6.38	309,180	322,525	315,780	331,922
Chickens over 3 months old	412,647	386,573	420,257	401,238	389,958	433,937	.699	.756	.655	.755	288,625	292,142	275,511	303,107
Total Value											5,142,500	5,085,281	5,103,770	5,186,025

<sup>1</sup> Farm price per head of all cattle, horses, mules, swine, and sheep derived by dividing total value by total number. Total value represents sum of value by age groups.  
<sup>2</sup> Included in value of all cattle.

In Wisconsin, the swine population shows an increase of 12 percent over a year ago, or an estimated total of 1,454,000 head. Large breeding operations shown in preparation for the spring farrowings indicate that a further substantial increase in the number of hogs on farms will take place during 1939. The farm value of hogs at the beginning of the present year was substantially above a year ago because of the large increase in numbers.

**Sheep:** The sheep population shows only a small change from a year ago, the increase for the United States being 2 percent. The demand for feeder animals has been large, and heavy shipments have been made from the Western States into the Corn Belt.

The total number of sheep and lambs on Wisconsin farms is estimated at 482,000 head, which is 1 percent more than a year ago. The increase in the Wisconsin sheep inventory is entirely accounted for by an increase in the number on feed. Values for sheep during the past year have declined substantially for both

Wisconsin and the United States, in spite of only a small increase in numbers.

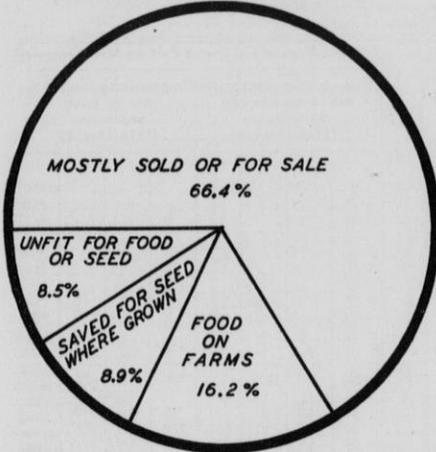
**Horses:** The continued downward trend is noted in the horse population, both for Wisconsin and the country as a whole. With the 2 percent reduction in numbers taken for the January estimate, the Wisconsin horse population reaches a low point of 515,000 head. For the United States, the decrease of 3 percent in estimates of horses on farms reduces the number to 10,800,000 head, which is the lowest figure in 60 years. Values of horses are well below a year ago, indicating a drop in the value per head in spite of the reduced numbers.

**Chickens:** After a sharp decline a year ago, the number of chickens on farms shows an increase this year. Even with the increase which occurred during 1938, the number of chickens on farms now is still considerably below the estimates for 2 years ago, both for Wisconsin and for the United States.

Good supplies of feed accompanied by favorable egg prices during much of 1938 greatly stimulated the production of hens. With the low prices of eggs which have prevailed recently, less encouragement is seen for the increase in chicken numbers in 1939, although the abundance and cheapness of feed may further encourage the production of chickens.

**1938 Milk Production:** According to the estimates recently made, the production of milk on farms during the past year was sharply higher than that for 1937. For the United States the increase in milk production for the year is 3.9 percent; for Wisconsin the increase is 4 percent. As with the increase in livestock numbers, larger production of milk was quite general throughout the country, only 2 of the states showing decreases in production per cow compared with a year ago. Especially heavy production is noted in the North Central and in the South Central States.

**POTATO UTILIZATION  
UNITED STATES 1938 CROP**



Of the potatoes produced in 1938 in the 37 late and intermediate states, it is estimated that 66.4 percent were sold or are for sale, a little over 16 percent of the crop will be used for food on the farms where grown, 8.9 percent was saved for seed in the areas where grown, and 8.5 percent of the crop was considered unfit for food or seed.

**The Potato Situation**

Reports from growers at the beginning of the year show that stocks of potatoes held by growers and dealers in January were considerably smaller than last year. According to the estimates, there were only about 101 million bushels of potatoes available as merchantable stock in the 37 late and intermediate potato states, which is about 11 percent less than a year ago. In Wisconsin, the potato stocks available are likewise small. The estimated holdings in this state are 5,121,000 bushels, which is 9 percent less than a year ago.

The past year produced widely different results in potato production, but the total crop for the country was at about the average level. Yields were high in a number of the late potato states, but there were also heavy losses late in the season due to blight and rot. Prices have been averaging moderately low throughout the season.

**Potato Utilization**

Of the production in 1938, an unusually large percentage was unfit for food or seed. In Wisconsin, the producers report 17 percent of the crop as unfit for food or seed, and of this a portion is no doubt fed to livestock. The percentage available for market in Wisconsin was only about 51 percent. For the United States, the percentage available for sale was 66.4, which is about average. The quantity of potatoes saved for both seed and food on farms in Wisconsin is slightly higher than a year ago.

**Smaller Amounts of Seed Being Saved**

According to the reports of the producers, the quantity of potatoes being saved for seed in the locality where grown is extremely low for the late and intermediate states. The total estimated quantity saved for seed in this group of states is only about 29½ million bushels, which is the smallest amount in the 10-year period, and it would seem to indicate a definite reduction in acreage for 1939. In Wisconsin, the growers are holding somewhat more potatoes for seed than a year ago, but the seed stocks are much below average. Last year a sharp decline occurred in Wisconsin's potato acreage, and on the basis of the seed stocks a still smaller increase in acreage seems

to be probable in this state. The various data are shown in the accompanying table.

**Wisconsin Milk Production**

For the first time in more than a year, milk production per farm on February 1, as reported by crop correspondents, was lower than on the corresponding date of the previous year. Production per farm was 220.3 pounds on February 1 compared with 221.8 pounds a year ago, or a decline of almost 1 percent. The average number of cows on crop correspondents' farms was unchanged from a year ago, while milk production per cow in herd was 1 percent lower at 15.18 pounds on February 1. Seasonal increase in milk production from January 1 to February 1 was slightly higher than usual.

In spite of the fact that feed prices are quite low, the extremely low level of milk prices caused the relationship between prices of milk and feed to remain quite unfavorable. It required 88 pounds of milk to buy 100 pounds of a standard dairy ration during January compared with 79 in the same month a year ago. The amount of grain and concentrates fed per cow in herd on dairy correspondents' farms was the highest on record for February at 4.88 pounds, or almost 7 percent higher than a year ago. Farmers continue raising more calves than a year ago, according to dairy correspondents.

Data on milk production in Wisconsin and the United States are shown in the accompanying table.

**Estimated Merchantable Stocks of Potatoes January 1, 1936-1939**

Held by growers, local dealers, and buyers in 37 late and intermediate states

Year	Wisconsin		37 Late and Intermediate States	
	Estimated merchantable stocks	Stocks as percent of potatoes sold or available for sale	Estimated merchantable stocks	Stocks as percent of potatoes sold or available for sale
	1000 bus.	Percent	1000 bus.	Percent
1936	6,816	57	106,127	45.7
1937	5,156	47	85,418	40.1
1938	5,602	57	113,155	46.3
1939	5,121	53	100,806	45.7

**United States Milk Production**

Milk production showed somewhat more than the usual seasonal increase during January in nearly all groups of states. Reports from crop correspondents also showed a production per cow on February 1 about 5 percent higher than a year earlier and 5 percent above the February 1 average during the previous 10 years. During the past 14 years for which comparable records are available, production per cow was reported higher on February 1 only in 1930 and 1931, when an unusually large

**Estimated Farm Utilization of Potatoes Wisconsin and Late and Intermediate States, 1929-1938**

Year	Estimated total production	Unfit for food or seed	Saved for food on farms where grown	Saved for seed in locality where grown	Balance of crop mostly sold
	1000 bus.	1000 bus.	1000 bus.	1000 bus.	1000 bus.
<b>Wisconsin</b>					
1929	21,120	1,056	5,270	2,925	11,869
1930	18,696	1,122	5,120	3,365	9,089
1931	26,319	2,369	6,290	3,511	14,149
1932	24,621	2,708	6,120	3,335	12,458
1933	18,620	1,303	5,280	3,445	8,592
1934	31,968	3,197	6,825	3,637	18,309
1935	23,534	2,589	5,882	3,105	11,958
1936	20,090	2,009	5,017	3,432	9,632
1937	18,031	2,164	3,888	2,099	9,880
1938	19,080	3,244	3,750	2,365	9,721
<b>Late and Intermediate States</b>					
1929	304,194	14,903	57,504	32,344	199,443
1930	309,191	18,204	54,351	36,261	200,375
1931	344,723	23,566	58,482	37,254	225,421
1932	348,148	29,190	65,598	37,215	216,145
1933	313,749	16,201	51,628	36,970	208,950
1934	369,454	26,824	57,373	37,164	248,093
1935	352,581	26,450	63,630	33,252	229,249
1936	303,897	21,025	49,194	32,468	201,210
1937	356,003	26,939	52,821	31,705	244,538
1938	331,999	28,348	53,670	29,478	220,503

**Farm Utilization as a Percent of Estimated Production**

Year	Wisconsin		37 Late and Intermediate States	
	%	%	%	%
1929	100.0	5.0	25.0	13.8
1930	100.0	6.0	27.4	18.0
1931	100.0	9.0	23.9	13.3
1932	100.0	11.0	24.9	13.5
1933	100.0	7.0	28.4	18.5
1934	100.0	10.0	21.3	11.4
1935	100.0	11.0	25.0	13.2
1936	100.0	10.0	25.0	17.1
1937	100.0	12.0	21.6	11.6
1938	100.0	17.0	19.7	12.4
<b>Late and Intermediate States</b>				
1929	100.0	4.9	18.9	10.6
1930	100.0	5.9	17.6	11.7
1931	100.0	6.8	17.0	10.8
1932	100.0	8.4	18.8	10.7
1933	100.0	5.2	16.4	11.8
1934	100.0	7.3	15.5	10.1
1935	100.0	7.5	18.1	9.4
1936	100.0	6.9	16.2	10.7
1937	100.0	7.6	14.8	8.9
1938	100.0	8.5	16.2	8.9

Wisconsin Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Dairy Ration Cost				Poultry Ration Cost				Index Numbers of Feed Prices 1910-14=100										By-Product Feed Costs										Index Numbers of Prices Paid by Wis. Farmers <sup>12</sup>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Cost per 1000 lbs. <sup>1</sup>		Index (1910-14=100)		Pounds 100 lbs. of milk would buy <sup>2</sup>		Lbs. of milk required to buy 100 lbs. of dairy ration <sup>3</sup>		Value—1000 lbs. <sup>4</sup>		Index (1910-14=100)		Pounds of feed 10 doz. eggs will buy <sup>5</sup>		Dozens of eggs required to buy 1000 lbs. of ration <sup>6</sup>		All feeds <sup>7</sup>		Mill feeds <sup>8</sup>		Protein feeds <sup>9</sup>		Feed grains, whole and ground <sup>10</sup>		Other feeds		Standard bran <sup>11</sup>		Lined oil meal <sup>11</sup>		Tankage <sup>11</sup>		Standard middlings <sup>11</sup>		Gluten feed <sup>11</sup>		Cottonseed meal <sup>11</sup>		Commodities bought for use in farm maintenance (1910-14=100)			Commodities bought for use in farm production (1910-14=100)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)	(102)	(103)	(104)	(105)	(106)	(107)	(108)	(109)	(110)	(111)	(112)	(113)	(114)	(115)	(116)	(117)	(118)	(119)	(120)	(121)	(122)	(123)	(124)	(125)	(126)	(127)	(128)	(129)	(130)	(131)	(132)	(133)	(134)	(135)	(136)	(137)	(138)	(139)	(140)	(141)	(142)	(143)	(144)	(145)	(146)	(147)	(148)	(149)	(150)	(151)	(152)	(153)	(154)	(155)	(156)	(157)	(158)	(159)	(160)	(161)	(162)	(163)	(164)	(165)	(166)	(167)	(168)	(169)	(170)	(171)	(172)	(173)	(174)	(175)	(176)	(177)	(178)	(179)	(180)	(181)	(182)	(183)	(184)	(185)	(186)	(187)	(188)	(189)	(190)	(191)	(192)	(193)	(194)	(195)	(196)	(197)	(198)	(199)	(200)	(201)	(202)	(203)	(204)	(205)	(206)	(207)	(208)	(209)	(210)	(211)	(212)	(213)	(214)	(215)	(216)	(217)	(218)	(219)	(220)	(221)	(222)	(223)	(224)	(225)	(226)	(227)	(228)	(229)	(230)	(231)	(232)	(233)	(234)	(235)	(236)	(237)	(238)	(239)	(240)	(241)	(242)	(243)	(244)	(245)	(246)	(247)	(248)	(249)	(250)	(251)	(252)	(253)	(254)	(255)	(256)	(257)	(258)	(259)	(260)	(261)	(262)	(263)	(264)	(265)	(266)	(267)	(268)	(269)	(270)	(271)	(272)	(273)	(274)	(275)	(276)	(277)	(278)	(279)	(280)	(281)	(282)	(283)	(284)	(285)	(286)	(287)	(288)	(289)	(290)	(291)	(292)	(293)	(294)	(295)	(296)	(297)	(298)	(299)	(300)	(301)	(302)	(303)	(304)	(305)	(306)	(307)	(308)	(309)	(310)	(311)	(312)	(313)	(314)	(315)	(316)	(317)	(318)	(319)	(320)	(321)	(322)	(323)	(324)	(325)	(326)	(327)	(328)	(329)	(330)	(331)	(332)	(333)	(334)	(335)	(336)	(337)	(338)	(339)	(340)	(341)	(342)	(343)	(344)	(345)	(346)	(347)	(348)	(349)	(350)	(351)	(352)	(353)	(354)	(355)	(356)	(357)	(358)	(359)	(360)	(361)	(362)	(363)	(364)	(365)	(366)	(367)	(368)	(369)	(370)	(371)	(372)	(373)	(374)	(375)	(376)	(377)	(378)	(379)	(380)	(381)	(382)	(383)	(384)	(385)	(386)	(387)	(388)	(389)	(390)	(391)	(392)	(393)	(394)	(395)	(396)	(397)	(398)	(399)	(400)	(401)	(402)	(403)	(404)	(405)	(406)	(407)	(408)	(409)	(410)	(411)	(412)	(413)	(414)	(415)	(416)	(417)	(418)	(419)	(420)	(421)	(422)	(423)	(424)	(425)	(426)	(427)	(428)	(429)	(430)	(431)	(432)	(433)	(434)	(435)	(436)	(437)	(438)	(439)	(440)	(441)	(442)	(443)	(444)	(445)	(446)	(447)	(448)	(449)	(450)	(451)	(452)	(453)	(454)	(455)	(456)	(457)	(458)	(459)	(460)	(461)	(462)	(463)	(464)	(465)	(466)	(467)	(468)	(469)	(470)	(471)	(472)	(473)	(474)	(475)	(476)	(477)	(478)	(479)	(480)	(481)	(482)	(483)	(484)	(485)	(486)	(487)	(488)	(489)	(490)	(491)	(492)	(493)	(494)	(495)	(496)	(497)	(498)	(499)	(500)	(501)	(502)	(503)	(504)	(505)	(506)	(507)	(508)	(509)	(510)	(511)	(512)	(513)	(514)	(515)	(516)	(517)	(518)	(519)	(520)	(521)	(522)	(523)	(524)	(525)	(526)	(527)	(528)	(529)	(530)	(531)	(532)	(533)	(534)	(535)	(536)	(537)	(538)	(539)	(540)	(541)	(542)	(543)	(544)	(545)	(546)	(547)	(548)	(549)	(550)	(551)	(552)	(553)	(554)	(555)	(556)	(557)	(558)	(559)	(560)	(561)	(562)	(563)	(564)	(565)	(566)	(567)	(568)	(569)	(570)	(571)	(572)	(573)	(574)	(575)	(576)	(577)	(578)	(579)	(580)	(581)	(582)	(583)	(584)	(585)	(586)	(587)	(588)	(589)	(590)	(591)	(592)	(593)	(594)	(595)	(596)	(597)	(598)	(599)	(600)	(601)	(602)	(603)	(604)	(605)	(606)	(607)	(608)	(609)	(610)	(611)	(612)	(613)	(614)	(615)	(616)	(617)	(618)	(619)	(620)	(621)	(622)	(623)	(624)	(625)	(626)	(627)	(628)	(629)	(630)	(631)	(632)	(633)	(634)	(635)	(636)	(637)	(638)	(639)	(640)	(641)	(642)	(643)	(644)	(645)	(646)	(647)	(648)	(649)	(650)	(651)	(652)	(653)	(654)	(655)	(656)	(657)	(658)	(659)	(660)	(661)	(662)	(663)	(664)	(665)	(666)	(667)	(668)	(669)	(670)	(671)	(672)	(673)	(674)	(675)	(676)	(677)	(678)	(679)	(680)	(681)	(682)	(683)	(684)	(685)	(686)	(687)	(688)	(689)	(690)	(691)	(692)	(693)	(694)	(695)	(696)	(697)	(698)	(699)	(700)	(701)	(702)	(703)	(704)	(705)	(706)	(707)	(708)	(709)	(710)	(711)	(712)	(713)	(714)	(715)	(716)	(717)	(718)	(719)	(720)	(721)	(722)	(723)	(724)	(725)	(726)	(727)	(728)	(729)	(730)	(731)	(732)	(733)	(734)	(735)	(736)	(737)	(738)	(739)	(740)	(741)	(742)	(743)	(744)	(745)	(746)	(747)	(748)	(749)	(750)	(751)	(752)	(753)	(754)	(755)	(756)	(757)	(758)	(759)	(760)	(761)	(762)	(763)	(764)	(765)	(766)	(767)	(768)	(769)	(770)	(771)	(772)	(773)	(774)	(775)	(776)	(777)	(778)	(779)	(780)	(781)	(782)	(783)	(784)	(785)	(786)	(787)	(788)	(789)	(790)	(791)	(792)	(793)	(794)	(795)	(796)	(797)	(798)	(799)	(800)	(801)	(802)	(803)	(804)	(805)	(806)	(807)	(808)	(809)	(810)	(811)	(812)	(813)	(814)	(815)	(816)	(817)	(818)	(819)	(820)	(821)	(822)	(823)	(824)	(825)	(826)	(827)	(828)	(829)	(830)	(831)	(832)	(833)	(834)	(835)	(836)	(837)	(838)	(839)	(840)	(841)	(842)	(843)	(844)	(845)	(846)	(847)	(848)	(849)	(850)	(851)	(852)	(853)	(854)	(855)	(856)	(857)	(858)	(859)	(860)	(861)	(862)	(863)	(864)	(865)	(866)	(867)	(868)	(869)	(870)	(871)	(872)	(873)	(874)	(875)	(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)	(885)	(886)	(887)	(888)	(889)	(890)	(891)	(892)	(893)	(894)	(895)	(896)	(897)	(898)	(899)	(900)	(901)	(902)	(903)	(904)	(905)	(906)	(907)	(908)	(909)	(910)	(911)	(912)	(913)	(914)	(915)	(916)	(917)	(918)	(919)	(920)	(921)	(922)	(923)	(924)	(925)	(926)	(927)	(928)	(929)	(930)	(931)	(932)	(933)	(934)	(935)	(936)	(937)	(938)	(939)	(940)	(941)	(942)	(943)	(944)	(945)	(946)	(947)	(948)	(949)	(950)	(951)	(952)	(953)	(954)	(955)	(956)	(957)	(958)	(959)	(960)	(961)	(962)	(963)	(964)	(965)	(966)	(967)	(968)	(969)	(970)	(971)	(972)	(973)	(974)	(975)	(976)	(977)	(978)	(979)	(980)	(981)	(982)	(983)	(984)	(985)	(986)	(987)	(988)	(989)	(990)	(991)	(992)	(993)	(994)	(995)	(996)	(997)	(998)	(999)	(1000)	(1001)	(1002)	(1003)	(1004)	(1005)	(1006)	(1007)	(1008)	(1009)	(1010)	(1011)	(1012)	(1013)	(1014)	(1015)	(1016)	(1017)	(1018)	(1019)	(1020)	(1021)	(1022)	(1023)	(1024)	(1025)	(1026)	(1027)	(1028)	(1029)	(1030)	(1031)	(1032)	(1033)	(1034)	(1035)	(1036)	(1037)	(1038)	(1039)	(1040)	(1041)	(1042)	(1043)	(1044)	(1045)	(1046)	(1047)	(1048)	(1049)	(1050)	(1051)	(1052)	(1053)	(1054)	(1055)	(1056)	(1057)	(1058)	(1059)	(1060)	(1061)	(1062)	(1063)	(1064)	(1065)	(1066)	(1067)	(1068)	(1069)	(1070)	(1071)	(1072)	(1073)	(1074)	(1075)	(1076)	(1077)	(1078)	(1079)	(1080)	(1081)	(1082)	(1083)	(1084)	(1085)	(1086)	(1087)	(1088)	(1089)	(1090)	(1091)	(1092)	(1093)	(1094)	(1095)	(1096)	(1097)	(1098)	(1099)	(1100)	(1101)	(1102)	(1103)	(1104)	(1105)	(1106)	(1107)	(1108)	(1109)	(1110)	(1111)	(1112)	(1113)	(1114)	(1115)	(1116)	(1117)	(1118)	(1119)	(1120)	(1121)	(1122)	(1123)	(1124)	(1125)	(1126)	(1127)	(1128)	(1129)	(1130)	(1131)	(1132)	(1133)	(1134)	(1135)	(1136)	(1137)	(1138)	(1139)	(1140)	(1141)	(1142)	(1143)	(1144)	(1145)	(1146)	(1147)	(1148)	(1149)	(1150)	(1151)	(1152)	(1153)	(1154)	(1155)	(1156)	(1157)	(1158)	(1159)	(1160)	(1161)	(1162)	(1163)	(1164)	(1165)	(1166)	(1167)	(1168)	(1169)	(1170)	(1171)	(1172)	(1173)	(1174)	(1175)	(1176)	(1177)	(1178)	(1179)	(1180)	(1181)	(1182)	(1183)	(1184)	(1185)	(1186)	(1187)	(1188)	(1189)	(1190)	(1191)	(1192)	(1193)	(1194)	(1195)	(1196)	(1197)	(1198)	(1199)	(1200)	(1201)	(1202)	(1203)	(1204)	(1205)	(1206)	(1207)	(1208)	(1209)	(1210)	(1211)	(1212)	(1213)	(1214)	(1215)	(1216)	(1217)	(1218)	(1219)	(1220)	(1221)	(1222)	(1223)	(1224)	(1225)	(1226)	(1227)	(1228)	(1229)	(1230)	(1231)	(1232)	(1233)	(1234)	(1235)	(1236)	(1237)	(1238)	(1239)	(1240)	(1241)	(1242)	(1243)	(1244)	(1245)	(1246)	(1247)	(1248)	(1249)	(1250)	(1251)	(1252)	(1253)	(1254)	(1255)	(1256)	(1257)	(1258)	(1259)	(1260)	(1261)	(1262)	(1263)	(1264)	(1265)	(1266)	(1267)	(1268)	(1269)	(1270)	(1271)	(1272)	(1273)	(1274)	(1275)	(1276)	(1277)	(1278)	(1279)	(1280)	(1281)	(1282)	(1283)	(1284)	(1285)	(1286)	(1287)	(1288)	(1289)	(1290)	(1291)	(1292)	(1293)	(1294)	(1295)	(1296)	(1297)	(1298)	(1299)	(1300)	(1301)	(1302)	(1303)	(1304)	(1305)	(1306)	(1307)	(1308)	(1309)	(1310)	(1311)	(1312)	(1313)	(1314)	(1315)	(1316)	(1317)	(1318)	(1319)	(1320)	(1321)	(1322)	(1323)	(1324)	(1325)	(1326)	(1327)	(1328)	(1329)	(1330)	(1331)	(1332)	(1333)	(1334)	(1335)	(1336)	(1337)	(1338)	(1339)	(1340)	(1341)	(1342)	(1343)	(1344)	(1345)	(1346)	(1347)	(1348)	(1349)	(1350)	(1351)	(1352)	(1353)	(1354)	(1355)	(1356)	(1357)	(1358)	(1359)	(1360)	(1361)	(1362)	(1363)	(1364)	(1365)	(1366)	(1367)	(1368)	(1369)	(1370)	(1371)	(1372)	(1373)	(1374)	(1375)	(1376)	(1377)	(1378)	(1379)	(1380)	(1381)	(1382)	(1383)	(1384)	(1385)	(1386)	(1387)	(1388)	(1389)	(1390)	(1391)	(1392)	(1393)	(1394)	(1395)	(1396)	(1397)	(1398)	(1399)	(1400)	(1401)	(1402)	(1403)	(1404)	(1405)	(1406)	(1407)	(1408)

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN													UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>							
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in per cent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>1a</sup>				
	For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>3</sup>	Swiss <sup>3</sup>	Brick <sup>3</sup>	Limburger <sup>3</sup>		Cheese div. by butter	Butter div. by cheese			
\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.	\$	%	%					
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60					
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3	195		
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186		
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208		
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187		
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197		
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176		
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174		
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7	183		
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9	193		
1920	2.55	2.30	2.63	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6	224		
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	44.2	227		
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.85	49.2	203		
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.50	48.2	207		
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2	226		
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	206		
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2	212		
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	49.6	202		
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208		
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	19.5	4.30	46.0	218		
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.2	16.0	16.4	3.90	46.4	215		
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.7	12.1	13.5	3.30	46.1	216		
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5	203		
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0	204		
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4	212		
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	49.9	200		
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209		
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.3	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8	209		
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4			27.1	12.6	17.5	11.9	12.5	3.02	46.2	217		
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.4	34.4	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2	212		
February	1.49	1.37	1.42	1.64	1.88	92	95	103	125	36.6	31.0	30.5	1.98	30.1	14.6	20.8	12.8	13.2	3.25	48.6	206		
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.5	31.0	29.8	1.88	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213		
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.0	29.7	27.0	1.72	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213		
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.0	27.0	25.0	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208		
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.0	26.0	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213		
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.0	26.0	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	212		
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.0	27.0	24.1	1.60	25.5	10.8	16.8	10.4	12.0	2.90	42.2	237		
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.0	27.0	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	43.1	232		
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.0	27.0	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0	213		
November	1.25	1.15	1.17	1.28	1.67	91	93	102	133	28.0	27.0	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4	231		
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.0	29.0	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215		
1939																							
January	1.24*	1.13*	1.14*	1.29*	1.66*	91*	92*	104*	134*	29.0	26.0	25.2	1.82*	25.5	11.6	17.0	10.6	12.5	2.90	45.5	220		

Formonthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents. <sup>1</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>2</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>3</sup>Wholesale price of 92-score butter at Chicago.

<sup>4</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.

<sup>7</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>8</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.

<sup>9</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920, incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in car-load lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.

<sup>10</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.

<sup>11</sup>Preliminary.

Egg Production

Egg prices have dropped sharply to the lowest mid-January farm price on record except for 1932, while production continues high in crop correspondents' flocks. February 1 farm laying flocks averaged slightly smaller than last year although 5 percent above the 10-year average. Chicken prices are still below the level of last year, although some increase has been reported in recent months.

Farm laying flocks, averaging 100.5 hens and pullets on February 1, produced 36.8 eggs per farm, or 36.6 eggs for each 100 birds, according to crop correspondents. Compared with last year, the slight decrease in size of laying flocks was more than offset by the increased rate of laying, which is nearly 2 percent above a year ago and nearly 31 percent above the 10-year average.

Wisconsin farm egg prices dropped sharply from 25.7 cents in December to 16.6 cents per dozen in January. This is the greatest change in egg prices for this season in several years.

A year ago the prices averaged 20.9 cents a dozen, which was slightly higher than the 5-year average for January.

Chicken prices paid to Wisconsin farmers during January averaged 13.5 cents per pound compared with 16.9 cents a year ago. These prices have increased steadily for 3 months, although in January they averaged only slightly higher than the 5-year average.

EGG PRODUCTION

	Feb. 1 1939	Feb. 1 1938	Feb. 1 1928-37	Feb. 1 1939	Feb. 1 1939
	No.	No.	No.	as a percent of	10-yr.
				1938 average	average
				%	%
<b>WISCONSIN</b>					
Hens and pullets per farm.....	100.5	101.2	95.6	99.3	105.1
Eggs per farm....	36.8	36.4	26.9	101.1	136.8
Eggs per 100 hens and pullets.....	36.6	36.0	28.0	101.7	130.7
<b>UNITED STATES</b>					
Hens and pullets per farm.....	82.0	78.3	85.1	104.7	96.4
Eggs per farm....	26.0	25.3	21.4	102.8	121.5
Eggs per 100 hens and pullets.....	31.9	32.2	25.0	99.1	127.6

Current Changes

Business and industrial activity are above a year ago, although factory employment is still at a lower level. Cold-storage holdings and other manufactured dairy products are above last year and above average, although egg stocks are much lower. Slaughtering of livestock are below January 1938 and except for hogs are below the 5-year average.

**Cold-Storage Holdings:** Creamery butter, cheese, and poultry stocks on February 1 were larger than a year ago and the 5-year average. Stocks of eggs in cold storage are lower than a year ago and average. All holdings are down somewhat from January 1.

**Butter:** Stocks on February 1 totaled nearly 112 million pounds compared with 129 million pounds a month ago, only 31 million a year ago, and the 5-year average of 38 million pounds. These February 1 stocks included 70 million pounds held by the Dairy Products Marketing Association for resale or relief purposes and nearly 20 million pounds held by the Federal



Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	Jan.	98*	101	117	107	Index of farm prices <sup>1</sup> , 1910-14=100	Jan.	94	96	102	105
Prices farmers pay <sup>2</sup> , 1910-14=100	Jan.	123*	123*	131	125	Prices farmers pay <sup>2</sup> , 1910-14=100	Jan.	120	120	126	124
Purchasing power, farm products <sup>3</sup> , 1910-14=100	Jan.	80*	82*	89	85	Purchasing power, farm products <sup>3</sup> , 1910-14=100	Jan.	78	80	81	84
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets</b>					
Farm price of milk <sup>2</sup> , cwt.	Jan.	1.24*	1.79	1.62	1.44	Farm price of butterfat, per lb.	Jan. 15	25.2	27.0	33.5	29.6
Farm price of butterfat <sup>2</sup> , cts.	Jan. 15	29	30	39	33.4	Price (wholesale), 92-score butter, Chicago, per lb.	Jan.	25.52	27.37	32.57	30.24
Price, American cheese, Wis. Cheese Exchange (twins) per lb.	Jan.	11.62	12.75	15.38	14.29	Butter receipts at 4 markets (000 omitted)	Jan.	52990*	50751	48147	46675
Milk production per cow in herd <sup>2</sup> , lbs.	Feb. 1	15.18	13.78	15.30	14.57	Cheese receipts at 4 markets (000 omitted)	Jan.	9494*	9672	10579	11215
Milk production per farm <sup>2</sup> , lbs.	Feb. 1	220.3	203.3	221.8	205.4	Milk production per cow in herd	Feb. 1	12.93	12.33	12.28	11.67
Milk production per cow milked <sup>2</sup> , lbs.	Feb. 1	21.54	19.39	21.96	20.81	<b>Cold-Storage Holdings<sup>2</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>2</sup> , %	Jan.	9.83	10.12	9.35	9.2	Creamery butter	Feb. 1	111547*	123872	31211	38070
Calves born during month being raised <sup>2</sup> , %	Jan.	38.68	41.31	35.91	33.60	American cheese	Feb. 1	90348*	102563	80479	76650
Grains and concentrates fed <sup>2</sup> , per cow in herd	Feb. 1	4.88	4.47	4.57	3.81	Swiss cheese	Feb. 1	5901*	6037	4447	5350
per farm	Feb. 1	72.6	63.8	66.3	51.2	All other cheese	Feb. 1	10201*	11574	8571	7301
per 100 lbs. of milk produced	Feb. 1	30.56	31.25	29.54	25.89	All varieties of cheese	Feb. 1	106450*	120174	93497	89301
Farm price of milk cows <sup>2</sup>	Jan. 15	70	70	71	56.80	Total frozen poultry	Feb. 1	134457*	139108	115105	127940
Wisconsin butter receipts at 4 markets <sup>2</sup> (000 omitted)	Jan.	6126*	5821	5402	5428	Eggs, shell	Feb. 1	136*	302	314	206
Wisconsin cheese receipts at 4 markets <sup>2</sup> (000 omitted)	Jan.	6593	6457	7581	8281	Eggs, shell and frozen, (case equivalent)	Feb. 1	1581*	2099	3045	1903
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>2</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	Feb. 1	100.5	104.0	101.2	98.3	Hens and pullets per farm flock	Feb. 1	82.0	82.8	78.3	80.3
Eggs per 100 hens and pullets <sup>2</sup>	Feb. 1	36.6	32.6	36.0	30.7	Eggs per 100 hens and pullets	Feb. 1	31.9	24.6	32.2	26.0
Eggs per farm flock <sup>2</sup>	Feb. 1	36.8	33.9	36.4	30.3	Eggs per farm flock	Feb. 1	26.0	20.4	25.3	20.9
Farm price of chickens <sup>2</sup> , per lb.	Jan. 15	13.5	13.1	16.9	13.3	<b>Stacks of Dry, Condensed, and Evaporated Milk<sup>2</sup>, (000 omitted)</b>					
Farm price of eggs <sup>2</sup> , per doz.	Jan. 15	16.6	25.7	20.9	20.7	Dry whole milk	Jan. 1	3673*	3968	2544	2926
<b>Feed Price Changes</b>						Dry skim milk					
Index of feed prices <sup>1</sup> , 1910-14=100	Jan.	90.6	86.9	104.1	111.3	Dry buttermilk	Jan. 1	33190*	37194	22851	23805
Cost, 1000 lbs. dairy ration <sup>1</sup>	Jan.	10.97	10.64	12.86	14.19	Condensed milk (case goods plus bulk goods)	Jan. 1	6043*	6663	4027	4462
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Jan.	113.0	121.2	126.0	106.1	Evaporated milk (case goods)	Jan. 1	16374*	10555	11248	14951
Wisconsin by-product feed costs per ton <sup>2</sup> f. o. b. Madison	Jan.	20.70	19.20	24.48	25.30	Slaughtering under Federal Meat Inspection <sup>2</sup> , (000 omitted)	Jan.	204699*	284375	181686	176141
Standard bran	Jan.	43.10	42.35	44.60	41.13	Cattle	Jan.	761	758	830	850
Linseed oil meal	Jan.	20.60	21.60	29.45	30.21	Calves	Jan.	415	417	420	463
Corn gluten feed	Jan.	61.65	58.40	54.02	51.76	Sheep and lambs	Jan.	1456	1347	1552	1509
Tankage	Jan.	20.55	19.70	24.29	25.25	Hogs	Jan.	4043	4346	4201	3917
Standard middlings	Jan.	31.70	31.55	32.26	35.85	<b>BUSINESS AND INDUSTRY</b>					
Cottonseed meal	Jan.	11.05	10.66	12.75	14.2	<b>Prices</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	Jan.	150.2	241.1	163.9	151.9	Wholesale prices <sup>4</sup> , 1910-14=100	Jan. 15	112	112	118	116.2
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	Jan.	6.80	6.80	7.50	7.10	All commodities	Jan. 15	111	113	118	121.2
Farm price of hogs <sup>2</sup> , per cwt.	Jan. 15	5.80	5.80	5.40	4.51	Foods	Jan. 15	126.6	128.4	131.2	129.0
Farm price of beef cattle <sup>2</sup> , per cwt.	Jan. 15	7.90	7.60	8.20	7.01	Retail food prices, 1910-14=100	Jan.	-----	-----	87.5	83.4
Farm price of veal calves <sup>2</sup> , per cw.	Jan. 15	-----	-----	-----	-----	Cost of living <sup>7</sup> , 1923=100	Jan.	-----	-----	-----	-----
<b>BUSINESS AND INDUSTRY</b>						<b>Factory employment (adjusted)<sup>8</sup></b>					
Index of Employment <sup>6</sup> , 1925-27=100	Jan.	-----	82.4	84.9	80.8	No. of employees, 1923-25=100	Dec.	910*	90	95	92.2
Index of Pay Rolls <sup>6</sup> , 1925-27=100	Jan.	-----	83.8	80.9	68.3	Business activity <sup>9</sup> , normal=100	Dec.	94.5*	95.2	81.3	89.7
<b>World Price Levels<sup>11</sup></b>						<b>Industrial production (adjusted)<sup>8</sup></b>					
In gold, 1910-1914=100	Jan.	60.9*	60.6	70.4	67.0	1923-25=100	Dec.	104*	103	84	93.4
United States Levels <sup>11</sup>	Jan.	63.3*	63.0	67.5	68.2	Freight-car loadings (adjusted) <sup>8</sup>	Dec.	69	69	67	67.6
In gold, 1910-1914=100	Jan.	107.2*	106.6	114.3	114.0	1923-25=100	Dec.	-----	-----	-----	-----
In currency, 1910-1914=100	Jan.	-----	-----	-----	-----	<b>Notes:</b>					

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors—Cornell World Price Index of 40 Basic Commodities. \* Preliminary.

in terms of the valued United States dollar. On the basis of 1910-14 levels, the 40 basic commodities for this country in January averaged 63.3 percent in terms of gold and 107.2 percent in terms of United States currency.

Since this index is published weekly, it is expected that it will be carried henceforth in this table. Prices are collected weekly in the various countries by the foreign representatives of General Motors Corporation and the compilations are made by Cornell University.

Wisconsin Farm Prices

Declining 3 points from December, Wisconsin's farm price index reached 98 percent of the pre-war level for January. The present level is 19 points below a year ago and is the lowest for January since 1934. A drastic decline occurred in egg prices causing the poultry product group to reach 89 percent of pre-war, which is 31 points lower than a month ago and 22 points

**M. DAHLKE  
EDD LUCHTERHAND  
C. A. LOFQUIST  
MIKE W. BODEWIN  
C. F. GREENBERG**

We have just learned of the deaths of Messrs. M. Dahlke, Edd Luchterhand, and C. A. Lofquist, who have served as crop reporters in St. Croix, Clark, and Price Counties, respectively; and Messrs. Mike W. Bodewin and Greenberg, who were dairy reporters in Taylor and Rock Counties. These men have made valuable contributions to the state's agriculture and the Wisconsin Crop Reporting Service extends its sincere sympathy to their families.

below a year ago. Lower milk prices resulted in a 4-point decline in the milk price group. Price groups which rose from the previous month were cash crops, grains, and livestock. All price groups remain below January last year. The index of prices paid by Wisconsin farmers was unchanged from the previous month at 123 percent of pre-war for January. Purchasing power at 80 percent of pre-war was 2 points lower than for December and 9 points less than a year ago.

With the seasonal increase in milk production definitely apparent, milk prices have begun their seasonal decline. The average price of milk for all uses was \$1.29 per hundredweight compared with \$1.29 for December and \$1.62 during January 1938. Milk for use in both cheese and butter was 5 cents lower in January than in the preceding month. Deliveries to market milk establishments brought 4 cents less than in January, while milk used by condenseries fell 3 cents per hundredweight.

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>4</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>5</sup>	Index numbers of Wisconsin farm real estate values <sup>6</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>7</sup>	Purchasing power (Column 14 divided by column 22) <sup>8</sup>	Index number of U. S. farm real estate value <sup>9</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	-----	113	98	104	-----			
1911	91	92	111	85	90	91	99	100	118	98	93	92	-----	95	96	87	95	91	102	-----	101	101	94	-----		
1912	102	101	111	95	103	101	117	90	111	101	101	102	-----	100	106	95	102	100	94	-----	87	100	100	97		
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	-----	97	101	100	100		
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	-----	85	100	101	103		
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	82	-----	77	105	93	103		
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	-----	119	124	95	108		
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	117		
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	129		
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	247	202	105	140		
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	248	201	105	170		
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	-----	101	152	82	157		
1922	137	111	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	-----	156	149	89	139		
1923	125	119	100	107	131	141	143	178	123	142	88	92	154	142	113	107	159	146	137	-----	216	152	93	135		
1924	144	138	133	133	150	160	154	129	115	155	92	97	130	143	129	110	149	149	125	-----	150	122	152	94		
1925	151	152	114	145	150	168	216	129	119	154	98	97	125	156	157	140	153	163	172	-----	153	177	157	99		
1926	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	-----	121	128	153	91		
1927	155	143	130	145	170	163	140	169	115	153	102	111	120	149	130	151	158	153	178	-----	143	122	155	94		
1928	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	-----	149	144	153	116		
1929	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	-----	140	102	145	115		
1930	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	92	108	100	98	-----	117	63	124	70		
1931	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	102	-----	47	107	61	89		
1932	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	-----	105	64	109	64		
1933	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	-----	102	99	123	73		
1934	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	-----	101	125	86	79		
1935	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	-----	100	124	92	82		
1936	125	124	124	127	125	109	137	137	88	135	93	93	80	121	126	132	124	111	122	-----	95	130	93	85		
1937	103	104	79	110	101	106	108	100	76	126 <sup>10</sup>	82 <sup>10</sup>	80 <sup>10</sup>	-----	95	74	114	109	108	73	-----	105	70	123	77		
1938	117	107	95	108	128	111	113	115	86	131	89	98	-----	102	91	110	128	113	70	-----	105	66	126	81		
Jan.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	-----	68	111	68	126			
Feb.	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	-----	69	101	70	125			
Mar.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	-----	68	98	71	125			
Apr.	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	-----	77	88	71	125			
May	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	-----	73	92	68	124			
June	100	106	79	111	95	96	118	115	77	129	78	74	-----	95	72	123	101	103	-----	79	99	71	123			
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	92	62	115	102	105	-----	78	92	69	122			
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	95	63	117	104	118	-----	75	107	69	121			
Sept.	99	105	69	115	92	115	96	85	70	123 <sup>10</sup>	80 <sup>10</sup>	77 <sup>10</sup>	-----	95	60	111	107	124	-----	70	107	72	121			
Oct.	98	102	69	106	95	126	94	85	70	123 <sup>10</sup>	82 <sup>10</sup>	81 <sup>10</sup>	-----	94	60	111	109	131	-----	71	102	73	121			
Nov.	101	102	67	105	100	130	98	85	70	123 <sup>10</sup>	82 <sup>10</sup>	83 <sup>10</sup>	-----	96	63	109	112	127	-----	73	108	70	120			
Dec.	101	101	69	104	102	120	102	85	71	123 <sup>10</sup>	82 <sup>10</sup>	83 <sup>10</sup>	-----	96	63	109	112	127	-----	73	108	70	120			
1939	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Jan.	93 <sup>10</sup>	97	71	105	98 <sup>10</sup>	89	106	85	70	123 <sup>10</sup>	86 <sup>10</sup>	80 <sup>10</sup>	-----	94	66	112	109	97	-----	76	96	71	120	78		

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly or March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>Average of estimated values, 1912-14=100. <sup>8</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup>Preliminary.

United States Farm Prices

The nation's farm price index was 94 percent of pre-war for January compared with 96 percent a month previous and 102 percent of pre-war a year ago. A sharp break in egg prices and a greater than seasonal de-

cline in dairy product prices largely account for the 2-point decline in the index from the preceding month. Higher indexes were shown by the grain, meat animal, fruit, and cotton and cottonseed groups from the preceding month. A few groups show

higher indexes than a year ago, namely: fruits, cotton and cottonseed, and meat animals. Purchasing power of the United States farmers was 78 percent of pre-war in January, or 2 points lower than the last month and 3 points below a year ago.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

WISCONSIN DEPARTMENT OF AGRICULTURE & MARKETS  
Division of Agricultural Statistics

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## IN THIS ISSUE

### Intentions to Plant Crops in 1939

Early reports from farmers indicate that there will be a reduction in the acreages of most of the feed grains and in corn but a definite increase in the acreages of hay, barley, and in a number of the cash crops.

### How High are Milk Cow Prices?

In terms of butterfat milk cow prices have risen to extremely high levels during the past year. Because of large supplies of feed, relatively good prices for beef, and other factors, cow prices seem to have been maintained at a level far above the prices of milk or butterfat.

### Milk Production

At the beginning of March, milk production was at a level about 4 percent above a year ago for the United States.

### Egg Production

In both Wisconsin and the United States flocks are larger and total egg production is higher than a year ago.

### 1939 Turkey Prospects

Preliminary reports indicate that the turkey crop for the United States in 1939 will be substantially larger than in 1938.

### The Spring Lamb Crop

The early spring lamb crop is smaller than last year, and the number available for slaughter before July 1 will be materially reduced.

### Current Changes

Price levels now are generally lower than a year ago, though except for disturbances arising from the European situation business prospects appear to be better than last year.

### Farm Employment

Slightly more hired workers and fewer family workers are reported on Wisconsin farms than a year ago.

### Prices Farmers Receive and Pay

In Wisconsin the level of farm prices remained unchanged during the past month but for the United States there was a 2-point drop. All prices are lower than a year ago.

Substantial changes in the acreages of crops to be planted for 1939 are shown in the intentions of farmers as recently expressed in the first acreage survey for the year, both in Wisconsin and the United States. The changes in acreage this year appear to be a significant readjustment to a more normal balance of crop acreage than prevailed during the recent period of drought years. During the drought years there was a constant building up of acreages of grain and a decline in the acreages of hay. Beginning with last year this trend has been reversed, and 1939 shows a further decline in the acreages of corn and grain in Wisconsin and an increase in hay and some of the cash crops.

Among the more important crop acreage changes which are in prospect for Wisconsin, according to our reporters, are further decreases in corn, oats, potatoes, and winter grains and increases in spring wheat, barley, tobacco, soybeans, and tame hay. The Wisconsin acreage of oats will probably show a decline of about 5 percent from last year which will bring the acreage to 2,332,000, corn a reduction of 4 percent from last year which will bring the state's acreage to 2,257,000 acres. The reduction in potatoes is only about 1 percent, but last year the Wisconsin potato acreage declined 15 percent so that the prospective acreage of potatoes this year is the lowest since 1925.

An increase of 4 percent is expected in Wisconsin's small spring wheat acreage, and for barley an increase of 1 percent is indicated. Tobacco growers are showing intentions to increase their acreage 5 percent, but this is mostly in the northern Wisconsin tobacco counties. Soybean growers in Wisconsin show an intended increase of about 3 percent, which may be due to the efforts being made to introduce soybeans for grain in some of the southern Wisconsin counties. Tame hay acreage shows another increase this year in Wisconsin of about 3 percent, according to reporters. If this develops, the total tame hay acreage for Wisconsin will be 3,765,000 acres, which will be the highest on record.

## Weather Summary, February 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	February 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	-27	38	6.2	11.4	3.20	1.05	+2.93
Spooner.....	-36	41	8.0	13.2	1.01	0.91	+0.96
Park Falls.....	-27	38	8.6	12.9	2.10	1.24	+1.23
Rhineland.....	-31	38	8.6	13.3	2.48	0.93	+3.72
Marinette.....	-13	40	15.6	22.2	1.83	1.82	+1.36
Escanaba.....	-12	36	13.6	15.4	2.26	1.49	+2.11
Minneapolis.....	-25	43	9.2	15.9	0.88	0.95	+0.13
Eau Claire.....	-18	49	13.1	16.4	1.49	1.17	+0.38
La Crosse.....	-12	45	17.0	19.2	2.19	1.07	+1.14
Hancock.....	-15	42	15.2	16.9	1.43	1.19	+0.71
Oshkosh.....	-10	46	17.2	19.1	1.67	1.13	+1.77
Green Bay.....	-10	40	16.6	17.4	1.33	1.56	+0.06
Manitowoc.....	-7	41	19.7	20.9	1.73	1.59	+0.36
Dubuque.....	-5	52	22.4	22.2	2.12	1.38	+0.25
Madison.....	-6	47	19.5	19.1	1.75	1.50	+0.82
Beleit.....	-1	52	24.4	22.5	2.41	1.35	+1.50
Milwaukee.....	0	53	23.2	22.8	2.24	1.83	+0.23

## United States Crop Acreages

As for Wisconsin, the country as a whole shows some rather marked acreage changes this year. The reports for the intended acreages of the principal crops, with the exception of cotton, show a reduction of about 4 million acres in spring sown wheat, and a reduction of 1,200,000 acres each in the areas to be planted to corn and oats. For the country as a whole there are prospects for an increase of nearly 2 million acres in barley and increases of around a million acres each in land used for flaxseed, grain sorghums, soybeans, and tame hay. Among other prospective crop changes of importance are a national increase of 4 percent in tobacco, and 6 percent in peanuts, and a 6 percent decline in the rice acreage. For such crops as potatoes, sweet potatoes, cowpeas and beans, the United States decreases this year are expected to be about the same as last year.

The changes in crop acreages for the United States probably result from a number of different causes, among which are the requirements of the Soil Conservation Service program and the reaction to the sharp decline in prices received for wheat and some of the other crops. The 10-

million acre reduction in winter wheat sown last fall will bring some increases in spring-sown grains in the winter wheat areas. Likewise feed supplies have been building up since the drought years, and the need for extra acreage of crop feeds is not as great as it was a few years ago. The accompanying table shows the acreages which farmers expect to plant for the more important crops in both Wisconsin and the United States as compared with the acreages planted last year and the 10-year average, 1929-38.

Early reports from cabbage and onion growers indicate that both of these crops will be reduced slightly for the United States. Apparently the large overproduction of cabbage in 1938 is causing a small acreage reduction. In Wisconsin the prospective reduction in cabbage acreage is about 1500 acres, or approximately 10 percent. For the United States the reduction is only about 1 percent. In onions, the United States shows a reduction of about 3 percent but the Wisconsin growers expect to increase their acreage about 6 percent.

**Milk Cow Prices**

Are milk cow prices too high? That is one of the questions that one hears frequently at this time, and in order to answer it some calculations were made in the Wisconsin Crop Reporting office to compare the price of milk cows in terms of milk and butterfat during the past year with a number of previous years. At the present time it takes more milk or butterfat to buy a cow than perhaps at any time in the past 30 years, except for possibly a few months during 1938. In February of this year it took over 6,000 pounds of milk to pay for a cow at the average prices reported for the state. It required 248 pounds of butterfat to pay for a cow in Wisconsin and 239 pounds for the United States as a whole.

The 29-year average cost of a Wisconsin milk cow in terms of milk is 4,180 pounds compared with more than 6,000 pounds at the present time. In terms of butterfat, the Wisconsin 29-year average required to buy a milk cow is a little over 176 pounds compared with the February 1939 average of 248 pounds. For the United

States, the 29-year average is about 180 pounds compared with 239 pounds in February of 1939.

Milk cow prices during the past year have been quite stable, the average reported for Wisconsin for 1938 being \$70.50 and for the United States \$56.70. The February 1939 average reported for Wisconsin is \$72.00 and for the United States \$59.40.

During the past month it took 44 percent more milk in Wisconsin to pay for a milk cow at the prevailing average price than was the case during the 29-years for which records are available. In terms of butterfat it took 41 percent more in Wisconsin than the 29-year average and 33 percent more for the United States.

With the recent further decline which has occurred in butter prices, it would seem that it will be some time before milk prices or butterfat prices can rise much; and with the high prices prevailing for milk cows and cattle generally, it suggests that the culling out of undesirable animals from the herds could well be pushed vigorously at this time, because with the prevailing prices of milk, the prices of milk cows must eventually readjust to a lower level. Demand for meat animals has been steady in recent months and the beef value of cows has been relatively high.

The relationship between cow values and butterfat are shown in the chart on the first page of this issue and they can be examined in detail in columns 14 to 18 in the table on page 20. Index numbers of cow prices are shown for both Wisconsin and the United States, and also the amounts of butterfat and milk required to pay for one cow at average prices during the period.

**Wisconsin Milk Production**

On March 1 milk production per reporting farm averaged 238.6 pounds compared with 228.5 pounds a year ago and a 10-year average of 230.6 pounds. Production of milk per farm as well as per cow in herd is the highest for March 1 since 1932. The seasonal rise in milk production has been greater than usual. Among the factors combining to cause high milk production are: the number of milk cows on farms was the highest for any March 1 since 1932, and the percentage of cows being milked was higher than a year ago or the 10-year average.

In spite of the low prices for milk and the unfavorable relationship between feed and milk, dairy correspondents are feeding grain and concentrates at the rate of 4.95 pounds per cow in herd, which is almost 4 percent more than was being fed a year earlier and it is the highest rate of feeding for that date since 1933. Farmers are apparently expecting to increase the size of their herds further, since they indicate that they intend to raise a higher percentage of the calves born during February this year than they have for any February on record.

**United States Milk Production**

Total milk production on March 1 appears to have been more than 4 percent greater than that on the same date in 1938, and a record production for March 1. Milk production per cow in the United States on March 1 was well above that a year earlier and nearly 5 percent above the 10-year average for March 1. Although production per cow showed somewhat less than the usual seasonal rise during February, abundant feed supplies on farms and liberal feeding of grains and concentrates to milk cows apparently offset much of the unfavorable effects of subnormal temperatures and heavy snows over a large portion of the country late in February.

**MILK PRODUCTION**

	March 1, 1939				
	Mar. 1 1939	Mar. 1 1938	Mar. 1 1928-37 average	10-year average 1938	10-year average 1939
	Lbs.	Lbs.	Lbs.	%	%
<b>WISCONSIN</b>					
Per farm.....	238.6	228.5	230.6	104.4	103.5
Per cow milked...	22.30	22.40	22.35	99.6	99.8
Per cow in herd...	16.14	16.02	16.04	100.7	100.6
<b>UNITED STATES</b>					
Per cow in herd	13.40	12.98	12.79	103.2	104.8

**Wisconsin Egg Production**

Larger laying flocks and more eggs produced per farm than a year ago were reported by Wisconsin crop correspondents on March 1. Average egg prices in February were a little lower than in January or last year. Chicken prices increased but are lower than a year ago.

Hens and pullets in crop correspondents' flocks averaged 98.2 birds on March 1, which is second high for the date, and nearly 5 percent larger than a year ago. The laying rate of 41.2 eggs for each 100 layers was 2 percent higher than last year and 16 percent above the 10-year average. Egg production per farm increased nearly 7 percent above a year ago and 21 percent over average.

Farm egg prices in the state averaged 15.3 cents per dozen on February 15 compared with 16.6 cents in January, 15.5 cents last February, and the 5-year average of 20.5 cents. Chicken prices

**Wisconsin and United States Planted Acreages**

Crop	Wisconsin					United States				
	Acreage planted (000 omitted)			1939 as a percent of		Acreage planted (000 omitted)			1939 as a percent of	
	Intended 1939	1938	10-year average 1929-38	1938	10-year average 1929-38	Intended 1939	1938	10-year average 1929-38	1938	10-year average 1929-38
Corn.....	2,257	2,351	2,277	96	99	92,062	93,257	101,714	98.7	90.5
Oats.....	2,332	2,455	2,503	95	93	35,393	36,615	39,472	96.7	89.7
Barley.....	779	771	793	101	98	13,219	11,334	12,654	116.6	104.5
Spring wheat.....	55	53	75	104	73	19,505	23,515	22,393	82.9	87.1
Flax.....	4	4	5	100	80	2,023	1,096	2,503	184.6	80.8
Potatoes.....	210	212	258	99	81	3,076.5	3,069.4	3,360.9	100.2	91.5
Tobacco.....	26	24.7	23.68	105	110	1,694.9	1,626.7	1,674.94	104.2	101.2
Dry beans.....	2	2	6	100	33	1,727	1,753	1,951	98.5	88.5
Soybeans (grown alone).....	195	189	126	103	155	7,691	6,858	4,716	112.1	163.1
Tame hay.....	3,765	3,655	3,251	103	116	57,231	56,309	55,746	101.6	102.7

<sup>1</sup> Acreage harvested.

averaged 14.4 cents per pound in February, or nearly a cent higher than in January although 1½ cents lower than a year ago. The 5-year average for February is 13.9 cents.

EGG PRODUCTION

	Mar. 1 1939 No.	Mar. 1 1938 No.	March 1, 1939		
			Mar. 1 1928-37 average No.	Mar. 1 as a percent of 10-year average %	
<b>WISCONSIN</b>					
Hens and pullets per farm.....	98.2	93.9	93.6	104.6	104.9
Eggs per farm.....	40.4	37.9	33.3	106.6	121.3
Eggs per 100 hens and pullets.....	41.2	40.3	35.4	102.2	116.4
<b>UNITED STATES</b>					
Hens and pullets per farm.....	79.8	75.8	82.3	105.3	97.0
Eggs per farm.....	33.4	32.5	31.1	102.8	107.4
Eggs per 100 hens and pullets.....	41.4	42.2	37.7	98.1	109.8

United States Egg Production

March 1 laying flocks and egg production on crop reporters' farms were above the 1938 level. Egg prices rose during February and less culling was done than a year ago.

Hens and pullets of laying age averaged 79.8 birds per flock on March 1, which was over 5 percent larger than a year ago but 3 percent less than the 10-year average. The rate of laying on March 1 was 41.4 eggs for each 100 layers, or nearly 2 percent less than the 42.2 eggs reported a year ago but nearly 10 percent greater than average.

In relation to feed prices, egg prices during February were more favorable than in January or a year ago. For February, chicken prices averaged 14.2 cents per pound.

Turkey prices on February 15 averaged 17.5 cents per pound compared with 17.7 cents a year earlier, which, while lower than in 1936 and 1938, was

higher than in any other February since 1932. Considering their relation to feed prices alone, this year's February price was the most favorable since 1933 when turkeys sold at 10 cents per pound and feed at 48 cents per hundredweight.

1939 Turkey Prospects

The turkey crop in the United States this year may be much larger than reported for 1938. Present intentions of turkey producers are to hatch or buy about 27 percent more turkey poults than last spring. However, the actual percent of increase in turkeys raised will probably be less than the number of turkey poults hatched or bought by producers.

Last year producers reported an expected increase in poults of about 6 percent, and the increase in turkeys raised was finally estimated at about 2 percent. The reported number of turkey poults that producers intend to obtain from commercial hatcheries shows a 34 percent increase over purchases of last year, and an increase of 22 percent in home hatched poults is also expected. While in most recent years the size of the smaller flocks have tended to decline, reports for this year indicate that increases in turkey production will occur in both small and large-sized flocks.

The extent of the increase in the number of turkeys raised this year will depend upon several factors particularly weather conditions, the supply of suitable eggs for hatching, the ability of hatcheries to meet the expanding demand for poults, and finally upon further consideration by producers of the possibility that the supply of turkeys this year might be in excess of the market demand at satisfactory prices. Although some changes will probably

occur due to these factors, an increase in turkey production seems assured.

Early Spring Lamb Crop

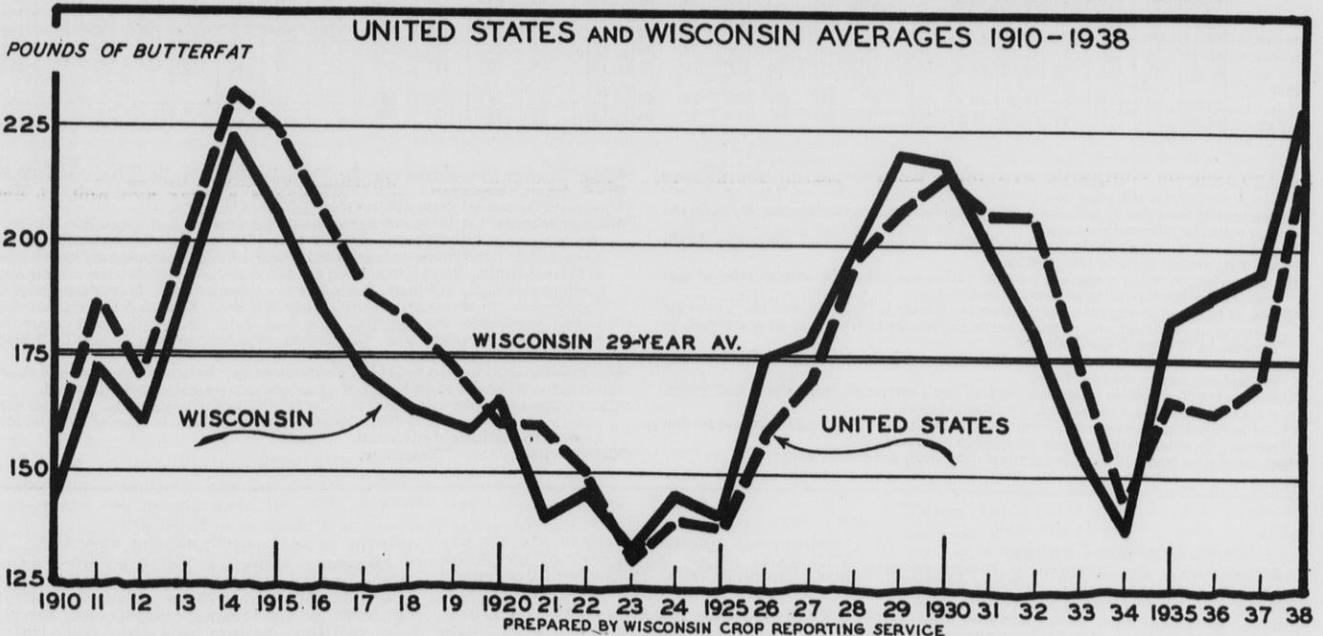
An early spring lamb crop slightly smaller than the early large crop of last year is indicated by reports received by the Bureau of Agricultural Economics. The number of early lambs for slaughter before July 1, however, will be materially smaller than last year because of the very poor condition of the lambs in California and Texas where a large proportion of the early crop will not reach slaughter weights and condition by that date.

Weather and feed conditions in a number of the important early lambing states have been much less favorable up to March 1 than last year, and prospects for feed in some of these states during the next two months are not promising. Growing conditions last year were generally favorable throughout the season in all of the early lambing states.

The situation as of early March indicates that the slaughter of sheep and lambs during the three months from April through June this year will be considerably smaller than the large slaughter during these months last year. Not only will the number of early spring lambs be smaller but the movement of grass fat yearling lambs and wethers from Texas will also be much smaller.

Slaughter supplies of sheep and lambs from April through June will be considerably smaller than in the same period last year. The early spring lamb crop probably will be slightly smaller this year than last. But the number of early lambs available for slaughter before July 1 will be materially smaller than a year earlier, because of the poor condition of lambs in California and Texas. A large proportion of the early lambs in these two states will not reach slaughter weights and condition before July as a result of the unfavorable feed situation. It is also expected that marketings of grass fat yearlings from Texas will be much smaller this spring than last.

POUNDS OF BUTTERFAT REQUIRED TO BUY ONE MILK COW



Measured in terms of butterfat, the cost of milk cows at present is extremely high. In February it took 248 pounds of butterfat to buy a cow in Wisconsin and an average of 239 pounds for the United States. The 29-year average for Wisconsin is 176 pounds and for the United States 180 pounds. In 1938, the average Wisconsin figure was 230 pounds, for the United States 216 pounds. As is shown in the above chart, when milk cow prices have gone far above the average in terms of butterfat, a prolonged downswing has usually followed; and it would seem that the extremely high levels during the past year cannot be long maintained. The trend of milk cow prices in terms of butterfat has been upward since 1934.

Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Wisconsin													Milk Cow Prices				Index Numbers of Prices Paid by Wis. Farmers <sup>12</sup>								
	Dairy Ration Cost				Poultry Ration Cost				Index Numbers of Feed Prices 1910-14=100					Wisconsin		United States		Commodities bought for use in farm family maintenance (1910-14=100)			Commodities bought for use in farm production (1910-14=100)					
	Cost per 1000 lbs. <sup>1</sup>	Index (1910-14=100)	Pounds 100 lbs. of milk would buy <sup>2</sup>	Lbs. of milk required to buy 100 lbs. of dairy ration <sup>2</sup>	Value—1000 lbs. <sup>3</sup>	Index (1910-14=100)	Pounds of feed 10 doz. eggs will buy <sup>4</sup>	Dozens of eggs required to buy 1000 lbs. of ration <sup>4</sup>	All feeds <sup>5</sup>	Mill feeds <sup>5</sup>	Protein feeds <sup>5</sup>	Feed grains, whole and ground <sup>5</sup>	Other feeds	Price index (1910-14=100) <sup>10</sup>	Milk required to buy a cow <sup>11</sup>	Butterfat required to buy a cow <sup>11</sup>	Price index (1910-14=100) <sup>10</sup>	Butterfat required to buy a cow <sup>11</sup>	All family maintenance <sup>13</sup>	Food	Clothing	Furniture and furnishings	All farm production <sup>14</sup>	Farm machinery	Fertilizer	Seeds
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	100	98	81	35	142	86	161	98	96	87	101	99	103	100	100
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	100	87	41	173	89	188	97	96	87	101	100	103	102	100
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	110	105	92	38	161	93	171	99	98	98	99	104	97	100	108
1913	11.36	88	117	85	11.58	92.3	182	55	92	94	92	90	94	116	47	190	111	200	102	102	102	99	97	98	99	94
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	125	51	223	121	233	104	107	106	100	99	99	99	98
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	116	49	206	118	225	111	108	117	106	106	101	100	122
1916	14.48	113	107	93	15.32	122.1	163	61	112	106	112	122	112	121	42	186	124	207	127	126	135	120	117	110	114	114
1917	21.87	170	98	102	25.75	205.2	132	76	173	161	162	196	176	145	36	171	146	189	151	160	158	142	151	126	120	157
1918	24.08	187	105	95	27.71	220.8	143	70	179	151	192	215	187	165	36	164	169	183	181	181	214	175	172	155	154	232
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	194	37	161	187	173	215	216	217	208	194	161	173	314
1920	26.22	204	99	101	27.84	221.8	168	59	210	205	222	208	215	194	41	166	182	161	224	211	272	252	198	169	184	275
1921	13.08	102	129	77	13.14	104.7	250	40	104	96	128	98	115	108	34	140	120	160	166	146	199	198	132	150	144	132
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	106	34	146	109	149	155	138	181	188	129	134	136	133
1923	15.37	120	136	74	15.42	122.9	189	53	126	122	155	114	135	116	30	133	113	131	160	147	185	194	135	143	143	145
1924	16.24	126	109	92	17.02	135.6	177	56	127	113	144	136	136	119	36	146	113	139	159	143	189	194	137	153	139	160
1925	16.30	127	117	86	18.73	149.2	177	56	128	124	142	139	141	123	35	143	118	138	166	156	190	187	144	154	148	192
1926	14.50	113	131	76	15.87	126.5	197	51	118	111	145	111	126	150	42	176	133	159	164	156	184	183	143	156	143	209
1927	16.13	126	131	76	17.52	139.6	163	61	134	131	149	128	138	167	42	179	151	170	160	154	178	184	145	156	157	228
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	151	191	48	199	183	197	159	153	177	188	146	156	154	201
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	168	126	140	200	53	220	191	208	156	146	175	186	144	156	149	208
1930	14.09	110	116	86	15.00	119.5	161	62	114	105	142	112	122	172	49	198	104	207	125	106	141	153	116	151	138	156
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	106	49	181	75	207	107	87	118	130	103	141	136	109
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	72	44	181	75	207	107	87	118	130	103	141	136	109
1933	9.06	70	108	92	8.64	68.8	167	60	72	67	88	68	80	66	36	155	68	177	105	89	115	120	104	139	124	104
1934	13.61	106	80	125	12.63	100.6	139	72	104	100	112	104	107	67	33	137	66	144	119	104	133	130	124	148	140	139
1935	13.36	104	99	101	14.13	112.6	169	59	106	102	107	111	111	109	44	185	95	167	124	118	133	132	124	152	115	162
1936	14.01	109	108	92	15.52	123.6	147	68	113	108	117	116	117	127	45	189	107	164	124	116	134	134	128	152	108	178
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	125	138	131	135	46	194	115	171	130	120	142	140	140	158	109	258
1938	11.30	88	113	88	11.38	90.7	182	55	91	85	118	84	96	131	55	230	115	216	124	105	137	137	130	163	128	206
Jan.	12.86	100	126	79	12.75	101.6	164	61	104	104	126	92	106	132	44	182	115	170	128	116	140	140	134	160	115	247
Feb.	12.83	100	116	86	12.62	100.6	123	81	102	99	128	92	105	134	48	200	116	187	126	113	138	139	135	160	122	249
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	103	136	53	209	116	191	125	110	137	138	136	161	128	250
Apr.	11.98	93	108	93	11.91	94.9	130	77	95	89	121	89	99	132	55	215	116	211	125	109	137	138	135	163	128	250
May	11.96	93	103	97	11.71	93.3	153	65	94	88	122	89	98	130	57	233	115	226	124	107	137	138	135	165	128	250
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	96	132	59	254	115	240	124	106	137	138	134	166	128	250
July	11.04	86	119	92	11.55	92.0	161	62	89	80	119	86	96	130	58	250	115	234	124	105	137	138	131	165	128	221
Aug.	10.07	78	117	87	10.66	84.9	183	55	81	71	113	78	90	130	60	250	114	232	123	104	137	138	127	164	127	191
Sept.	10.22	80	114	87	10.68	85.1	225	44	82	72	108	80	90	130	60	250	113	232	123	103	137	138	124	163	127	162
Oct.	10.14	79	118	84	10.35	82.5	266	38	80	71	111	76	89	130	58	250	114	231	123	103	137	137	124	163	127	162
Nov.	10.19	79	124	81	10.03	79.9	288	35	82	77	113	72	89	127	54	243	116	228	122	102	138	136	124	163	127	162
Dec.	10.64	83	121	82	10.66	84.9	241	41	87	83	117	75	93	130	54	233	117	214	122	102	138	135	124	163	127	162
1939																										
Jan.	10.97	85	112	89	11.05	88.0	150	67	91	88	120	78	95	130	57	241	119	233								
Feb.	10.80	84	111*	90*	10.66	84.9	144	70	89	88	114	77	94	134	60	248	121	239								

<sup>1</sup>Value of 1000 pounds of grains and concentrates in Wisconsin dairy ration. For more details see Bulletin 140, pages 23-24.  
<sup>2</sup>In comparing the value of milk and a Wisconsin dairy ration, average monthly milk and feed prices for Wisconsin are used.  
<sup>3</sup>Based on values of ingredients in a typical Wisconsin poultry ration. For further details and data consult Bulletin 140, page 25.  
<sup>4</sup>In comparing the value of eggs and a poultry ration, the midmonth average price of eggs and average monthly prices of feed are used.  
<sup>5</sup>Based on weighted average of index numbers in columns 1, 10, 11, 12, and 13. The group relatives are combined with respect to their importance in Wisconsin volume of sales as reported by Wisconsin feed dealers.  
<sup>6</sup>Based on f. o. b. Madison prices of standard bran, standard middlings, red dog flour, and rye feed weighted by volume of sales.  
<sup>7</sup>Based on f. o. b. Madison prices of linseed oil meal, cottonseed meal, gluten feed, gluten meal, and digester tankage weighted by volume of sales.  
<sup>8</sup>Based on Wisconsin farm prices of corn, oats, and barley plus a grinding fee for that portion customarily purchased ground and weighted by volume of sales.  
<sup>9</sup>Estimated price trends of commercial mixed dairy, calf, and poultry feeds.

<sup>10</sup>1910-14 average price of milk cows for Wisconsin \$53.67, for the United States \$49.18.  
<sup>1</sup>

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN												UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>							
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>5</sup> (case)	Cheese and butter prices compared <sup>6</sup>			
	For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>7</sup>	Swiss <sup>7</sup>	Brick <sup>8</sup>	Limburger <sup>8</sup>		Cheese div. by butter	Butter div. by cheese		
	\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	\$	%	%				
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	-----	15.5	17.1	14.1	13.3	3.60	-----	-----	
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3	195	
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186	
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208	
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187	
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	32.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197	
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176	
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174	
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7	183	
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9	193	
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6	224	
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	44.2	227	
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	49.2	203	
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	48.2	207	
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	18.4	17.4	4.40	44.2	226	
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	206	
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2	212	
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208	
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208	
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	22.1	28.9	19.1	19.5	4.30	46.0	218	
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	46.4	215	
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.30	46.1	216	
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5	203	
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0	204	
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.64	24.8	11.8	16.6	10.6	11.2	2.70	47.4	212	
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	23.8	14.4	19.6	13.8	13.8	2.91	49.9	200	
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209	
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8	209	
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.0	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2	217	
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.1	34.1	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2	212	
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.6	31.1	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6	206	
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.3	31.1	29.8	1.88	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213	
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.3	29.1	27.0	1.72	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213	
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.6	27.1	25.0	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208	
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.8	26.1	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213	
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.8	26.1	23.7	1.52	25.4	12.0	17.5	11.8	11.5	3.00	47.1	212	
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.8	27.1	24.1	1.60	25.5	10.8	16.8	10.4	12.0	2.90	42.2	237	
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.8	27.1	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	43.1	232	
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.8	27.1	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0	213	
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.8	27.1	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4	231	
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.0	29.1	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215	
1939																						
January	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.1	26.1	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5	220	
February	1.20*	1.08*	1.13*	1.23*	1.66*	90*	94*	102*	138*	29.1	26.1	24.9	1.74*	25.5	11.8	18.0	11.1	12.5	2.90	46.1	217	

<sup>1</sup>For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.  
<sup>2</sup>Quotations are the average for the month as reported by Wisconsin crop correspondents.  
<sup>3</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.  
<sup>4</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.  
<sup>5</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>6</sup>Wholesale price of 92-score butter at Chicago.  
<sup>7</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.  
<sup>8</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.  
<sup>9</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.  
<sup>10</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920, incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in car-load lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 15 oz. to 14½ oz. in January, 1931.  
<sup>11</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.  
<sup>12</sup>Preliminary.

over 12½ million were from commercial stocks and nearly 6 million from DPMA, FSCC, and relief agencies.

**Cheese:** A heavier than usual out-of-storage movement of nearly 15 million pounds of cheese during February reduced the stocks to less than 92 million pounds on March 1. These stocks are slightly less than the record of 93 million for the month held in 1937. A year ago nearly 86 million pounds were held, while the 5-year average is 79 million. American cheese stocks on March 1 totaled over 77 million pounds compared with over 90 million a month before, nearly 74 million a year ago, and the 5-year average of nearly 68 million pounds. Swiss cheese stocks were about 5½ million pounds on March 1 compared with about 4 million a year

ago and the 5-year average of nearly 5 million pounds.

**Poultry and Eggs:** Total frozen poultry and egg stocks on March 1 were less than a month ago, although shell egg stocks were larger. Poultry stocks are larger than average, while total egg stocks are smaller. March 1 stocks of total frozen poultry were over 116 million pounds compared with less than 134 million on February 1, about 100 million pounds a year ago, and the 5-year average of less than 111 million pounds. Shell eggs in cold storage totaled about 164,000 cases on March 1 compared with the 5-year average of 148,000 cases. Total egg stocks were about 1,435,000 cases (case

equivalent) on March 1 compared with 1,574,000 cases a month ago, 2,817,000 cases a year ago, and the 5-year average of 1,566,000 cases.

**Dry, Condensed, and Evaporated Milk:** These stocks on February 1 were all lower than on January 1, although except for lower evaporated milk stocks a year before these stocks are larger than February 1 last year and also larger than the 5-year average. The dry milk stocks are considerably larger than the average. Evaporated milk stocks of over 150 million pounds are reported to mark the first time since May 1938 that stocks reported for any month were less than the corresponding month in the preceding year.

Prices Received by Wisconsin Farmers for Farm Products<sup>1</sup>

Year	LIVESTOCK, POULTRY AND WOOL											GRAINS							SEEDS			HAY (Loose)			OTHER CROPS			
	Hogs	Beef cattle	Veal calves	Milk cows	Sheep	Lambs	Wool	Horses	Chickens	Eggs	Wheat	Corn	Oats	Barley	Rye	Buckwheat	Flaxseed	Red clover	Alfalfa	Timothy	All	Alfalfa	Clover and timothy mixed	Potatoes	Dry beans	Apples		
	cwt.	cwt.	cwt.	head	cwt.	cwt.	lb.	head	lb.	doz.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	ton	ton	ton	bu.	bu.	bu.		
\$	\$	\$	\$	\$	\$	cts.	\$	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	\$	\$	\$	\$	\$	\$	cts.	\$	\$			
1910-14	7.35	4.90	7.23	53.67	4.25	6.01	20.1	169.83	11.2	21.3	90.8	59.5	39.0	69.2	69.1	72.8	171.1	8.83			12.78			50.7	2.25	1.10		
1914	7.65	5.83	8.22	66.90	4.64	6.60	19.6	172.50	11.6	22.3	89.5	63.8	39.1	65.7	55.2	72.6	138.2	7.72			10.00	12.57		50.9	2.22	1.22		
1915	6.55	5.46	7.95	62.30	5.00	7.08	25.2	161.40	11.0	21.7	114.7	71.9	45.1	63.3	97.0	83.7	136.2	8.07			2.79	9.88	12.88	37.2	2.91	.97		
1916	8.47	5.90	8.87	64.80	5.87	8.26	30.3	156.50	13.0	25.0	119.4	79.5	44.2	78.5	98.6	94.0	192.2	9.40			2.90	11.29	14.80	98.3	4.75	1.04		
1917	14.17	7.52	11.46	77.65	8.85	12.36	49.2	151.35	16.2	23.9	198.0	143.8	62.4	121.3	105.9	149.5	291.3	10.95			2.90	14.28	19.82	163.3	8.28	1.47		
1918	16.09	8.71	13.17	88.70	10.22	14.17	63.3	147.65	20.2	39.5	205.6	152.3	75.4	125.2	180.5	171.5	333.7	17.26			3.99	19.42	27.58	114.4	4.22	1.97		
1919	16.52	9.02	14.31	104.25	9.08	13.51	53.0	143.75	22.9	43.8	212.7	140.4	65.8	107.6	136.9	138.9	384.3	25.86			4.78	20.68	27.63	78.6	6.27	1.58		
1920	12.93	7.82	12.47	104.30	7.83	12.52	38.0	141.25	24.0	46.8	214.7	137.3	78.6	121.9	162.6	166.6	354.8	22.03			4.78	22.89	30.91	114.4	3.97	2.31		
1921	7.61	4.57	7.62	58.20	3.89	7.37	18.7	114.35	19.8	32.9	120.1	59.5	37.2	60.0	104.1	100.1	162.2	10.60			2.93	15.51	21.78	79.9	2.88	2.06		
1922	8.32	4.54	7.73	57.00	4.92	10.22	27.4	111.25	18.3	28.5	107.3	59.2	37.7	55.6	76.3	80.5	203.7	11.04			3.01	15.04	20.32	80.0	3.85	2.15		
1923	6.97	4.57	7.99	62.35	5.16	10.55	37.9	111.65	17.3	29.2	105.0	77.7	42.4	60.9	66.8	80.4	214.4	11.42			3.01	13.41	20.18	58.9	4.28	1.60		
1924	7.29	4.67	8.17	63.75	5.62	10.33	37.7	108.90	17.8	30.2	113.5	94.4	49.2	73.0	77.1	97.6	215.5	13.08			3.69	15.33	21.22	64.6	3.65	1.62		
1925	10.87	5.18	9.17	66.25	6.13	12.36	40.3	108.15	19.2	33.2	143.7	102.9	43.9	79.8	98.8	97.8	238.3	15.84			3.20	13.02	18.18	84.6	3.63	1.93		
1926	11.70	5.73	10.14	80.50	6.19	12.09	35.9	111.65	21.4	31.3	137.2	74.3	39.2	65.4	82.2	78.8	205.0	16.41			3.36	13.82	18.82	158.3	3.16	1.42		
1927	9.52	6.49	10.52	89.85	5.78	11.85	33.0	113.75	19.3	28.6	123.1	87.1	46.2	72.8	88.4	84.6	192.7	18.58			2.41	14.25	18.57	117.2	3.27	1.53		
1928	8.74	8.22	12.14	102.40	6.05	12.37	39.2	117.60	20.7	30.3	117.4	92.8	52.3	79.8	98.1	88.0	189.7	16.02			2.09	13.06	18.53	65.0	4.72	1.67		
1929	9.50	8.32	12.43	107.58	6.07	12.37	34.5	117.90	22.0	31.5	111.7	88.2	45.7	64.9	89.7	88.7	237.0	15.09			2.29	12.06	18.93	71.2	5.33	1.47		
1930	8.82	6.54	9.87	84.40	4.33	8.56	23.8	108.15	17.4	24.1	93.1	79.7	38.9	58.0	60.7	87.3	212.0	10.52			2.86	11.08	16.10	115.8	3.86	1.59		
1931	5.76	4.37	6.70	56.85	2.62	6.22	14.8	91.00	14.7	17.8	63.7	56.7	28.5	44.8	37.9	63.4	124.6	9.79	13.17		2.76	10.88	14.75	56.7	2.45	1.37		
1932	3.38	3.07	4.60	38.75	1.80	4.67	10.8	83.75	11.0	15.9	54.6	36.8	23.3	37.3	35.5	45.6	103.5	7.00	9.69		1.45	10.30	13.64	10.04 <sup>2</sup>	26.2	1.42	1.00	
1933	3.44	2.85	4.31	35.50	1.90	4.97	19.3	92.25	8.8	14.4	68.2	38.3	26.9	42.8	48.7	51.9	125.2	6.18	8.94		1.66	9.37	12.05	9.62	49.0	1.40	1.00	
1934	4.12	2.91	4.51	35.90	2.35	6.11	23.8	108.40	10.2	17.6	89.2	59.8	40.7	75.6	63.0	58.9	157.8	8.77	10.51		4.98	13.68	16.94	14.69	55.8	1.85	1.31	
1935	8.57	5.21	7.05	58.40	3.10	7.20	21.7	123.60	14.3	23.9	94.2	74.2	37.8	73.0	51.8	57.2	142.7	9.82	12.86		4.85	12.72	15.95	13.48	33.6	1.82	1.10	
1936	9.12	5.18	7.53	68.25	3.22	8.10	27.8	131.35	15.2	22.8	103.4	81.2	35.9	91.7	63.8	65.6	158.8	11.18	12.00		2.02	9.36	11.59	89.1	8.97	2.26	1.15	
1937	9.52	6.15	8.23	72.58	3.53	8.80	31.9	133.60	15.3	21.2	115.8	101.1	44.2	83.2	85.7	91.6	181.2	17.54	17.88		2.11	11.22	14.45	11.77	79.7	3.45	1.31	
1938	7.62	5.62	7.98	70.50	2.78	7.12	20.8	126.65	14.9	20.9	76.6	54.2	28.7	56.2	50.7	65.9	163.8	14.47	15.98		1.40	8.20	11.02	8.92	46.0	1.81	1.02	
Jan.	7.50	5.40	8.20	71.1	3.35	7.30	26.1	125.1	15.9	15.5	91.1	58.32	32.65	69.73	73.178.	18.70	17.90	1.40	9.70	13.20	11.00	46.1	1.96	1.00	46.1	1.96	1.00	
Feb.	7.80	5.40	8.10	72.1	2.70	6.70	24.1	125.1	16.3	16.3	90.57	57.32	34.64	64.72	75.175.	19.80	19.00	1.55	9.40	12.70	10.20	43.1	1.95	.95	43.1	1.95	.95	
Mar.	8.30	5.50	7.90	73.1	3.45	7.40	21.1	132.1	17.3	15.5	86.57	57.31	60.55	75.174.	20.30	19.70	1.40	9.50	13.00	10.00	42.1	1.92	1.00	42.1	1.92	1.00		
Apr.	7.60	5.70	7.50	71.1	3.15	7.40	18.1	132.1	16.2	17.9	83.57	57.31	60.55	75.172.	18.80	17.50	1.55	8.60	11.60	9.40	46.1	1.86	1.20	46.1	1.86	1.20		
May	7.40	5.70	7.20	70.1	3.15	6.90	18.1	125.1	16.2	17.9	83.57	57.31	60.55	75.172.	15.70	16.30	1.35	8.50	11.10	8.60	55.1	1.89	1.15	55.1	1.89	1.15		
June	8.00	5.50	7.70	71.1	2.70	7.30	17.1	127.1	15.1	17.8	80.56	56.30	52.61	68.159.	15.10	16.20	1.35	7.90	10.50	8.40	65.1	1.83	1.25	65.1	1.83	1.25		
July	8.40	5.90	7.70	70.1	2.60	7.60	18.1	127.1	14.3	18.6	77.59	59.30	49.50	64.161.	11.40	13.10	1.35	7.30	10.00	8.20	48.1	1.86	.80	48.1	1.86	.80		
Aug.	7.60	5.60	8.10	70.1	2.50	6.90	21.1	127.1	14.0	19.0	66.55	24.49	25.54	38.65.	8.90	13.00	1.30	7.00	9.10	8.00	38.1	1.74	.85	38.1	1.74	.85		
Sept.	8.10	5.70	8.80	70.1	2.30	6.80	21.1	124.1	13.6	24.0	64.64	25.49	25.54	39.65.	8.40	13.30	1.35	6.90	8.80	7.50	36.1	1.59	.90	36.1	1.59	.90		
Oct.	6.90	5.70	8.70	70.1	2.40	6.80	22.1	124.1	13.0	27.5	63.44	25.52	25.52	39.51.	8.40	13.80	1.40	7.00	9.40	7.50	41.1	1.53	.95	41.1	1.53	.95		
Nov.	7.00	5.50	8.30	68.1	2.55	7.00	22.1	126.1	12.6	16.6	28.63	44.25	25.52	39.53.	8.70	13.80	1.35	7.10	9.40	7.70	46.1	1.65	1.20	46.1	1.65	1.20		
Dec.	6.80	5.80	7.60	70.1	2.55	7.30	21.1	126.1	13.1	25.7	64.46	27.52	25.52	39.53.	8.70	13.80	1.35	7.10	9.40	7.70	46.1	1.65	1.20	46.1	1.65	1.20		
1939																												
Jan.	6.80	5.80	7.90	70.1	2.55	7.30	21.1	126.1	13.5	16.6	65.47	28.46	28.53	41.51.	160.154.	8.70	14.00	1.35	7.00	8.60	7.70	50.1	1.68	1.20	50.1	1.68	1.20	
Feb.	7.20	5.90	8.70	72.1	2.80	7.40	21.1	124.1	14.4	15.3	65.46	28.46	28.53	40.40.	154.154.	9.10	14.30	1.45	7.40	9.80	7.70	49.1	1.59	1.30	49.1	1.59	1.30	

<sup>1</sup>All prices based on reports of Wisconsin price correspondents on the 15th of each month.

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	Feb.	97*	97	111	109	Index of farm prices <sup>1</sup> , 1910-14=100	Feb.	92	94	97	105
Prices farmers pay <sup>1</sup> , 1910-14=100	Feb.	123*	123*	130	125	Prices farmers pay <sup>1</sup> , 1910-14=100	Feb.	120	120	126	125
Purchasing power, farm products <sup>1</sup> , 1910-14=100	Feb.	79*	79*	85	86	Purchasing power, farm products <sup>1</sup> , 1910-14=100	Feb.	77	78	77	84
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets</b>					
Farm price of milk <sup>2</sup> , cwt.	Feb.	1.20*	1.23	1.49	1.44	Farm price of butterfat <sup>2</sup>	Feb. 15	24.9	25.2	30.5	31.4
Farm price of butterfat <sup>2</sup>	Feb. 15	29	29	36	35.0	Price (wholesale), 92-score butter, Chicago, per lb.	Feb.	25.50	25.52	30.09	31.68
Price, American cheese, Ws. Cheese Exchange (twins) per lb.	Feb.	11.75	11.62	14.62	14.64	Butter receipts at 4 markets, (000 omitted)	Feb.	51987*	52990*	46281	43657
Milk production per cow in herd <sup>2</sup>	Mar. 1	16.14	15.18	16.02	15.38	Cheese receipts at 4 markets, (000 omitted)	Feb.	10235*	9494*	11145	11091
Milk production per farm <sup>2</sup>	Mar. 1	238.6	220.3	228.5	219.5	Milk production per cow in herd	Mar. 1	13.40	12.93	12.98	12.18
Milk production per cow milked <sup>2</sup>	Mar. 1	22.30	21.54	22.40	21.43	<b>Cold-Storage Holdings<sup>3</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>4</sup>	Feb.	10.21	9.83	9.99	10.21	Creamery butter	Mar. 1	92800*	111354	21033	18978
Calves born during month being raised <sup>4</sup>	Feb.	38.36	38.68	31.49	34.14	American cheese	Mar. 1	77274*	90401	73815	67754
Grains and concentrates fed <sup>4</sup> per cow in herd	Mar. 1	4.95	4.88	4.78	4.09	Swiss cheese	Mar. 1	5548*	5902	4033	4948
per farm	Mar. 1	72.3	72.6	67.0	55.1	All other cheese	Mar. 1	8803*	10108	7808	6559
per 100 lbs. of milk produced	Mar. 1	29.91	30.56	28.13	25.89	Total varieties of cheese	Mar. 1	91625*	106411	85656	79261
Farm price of milk cows <sup>5</sup>	Feb. 15	72	70	72	58.00	Total frozen poultry	Mar. 1	116300*	133531	100493	110539
Wisconsin butter receipts at 4 markets <sup>6</sup> , (000 omitted)	Feb.	6719*	6126*	5159	5174	Eggs, shell	Mar. 1	164*	136	281	148
Wisconsin cheese receipts at 4 markets <sup>6</sup> , (000 omitted)	Feb.	7137*	6593*	8160	8383	Eggs, shell and frozen, (case equivalent)	Mar. 1	1435*	1574	2817	1566
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>3</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	Mar. 1	98.2	100.5	93.9	94.9	Hens and pullets per farm flock	Mar. 1	79.8	82.0	75.8	78.0
Eggs per 100 hens and pullets <sup>2</sup>	Mar. 1	41.2	36.6	40.3	36.3	Eggs per 100 hens and pullets	Mar. 1	41.4	31.9	42.2	37.5
Eggs per farm flock <sup>2</sup>	Mar. 1	40.4	36.8	37.9	34.5	Eggs per farm flock	Mar. 1	33.4	26.0	32.5	29.4
Farm price of chickens <sup>5</sup> , per lb.	Feb. 15	14.4	13.5	15.9	13.9	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>4</sup>, (000 omitted)</b>					
Farm price of eggs <sup>5</sup> , per doz.	Feb. 15	15.3	16.6	15.5	20.5	Dry whole milk	Feb. 1	3263*	3673	2195	2607
<b>Feed Price Changes</b>						<b>Feed Price Changes</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	Feb.	89.3	90.6	101.7	109.9	Cost, 1000 lbs. dairy ration <sup>1</sup>	Feb.	10.80	10.97	12.83	14.14
Cost, 1000 lbs. dairy ration <sup>1</sup>	Feb.	10.80	10.97	12.83	14.14	Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Feb.	111.1*	112.1	116.1	106.2
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Feb.	111.1*	112.1	116.1	106.2	Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	Feb.	20.60	20.70	23.10	24.60
Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	Feb.	20.60	20.70	23.10	24.60	Standard bran	Feb.	41.35	43.10	45.22	39.36
Standard bran	Feb.	41.35	43.10	45.22	39.36	Linseed oil meal	Feb.	20.35	20.60	30.20	29.58
Linseed oil meal	Feb.	20.35	20.60	30.20	29.58	Corn gluten feed	Feb.	54.65	61.65	53.40	51.54
Corn gluten feed	Feb.	54.65	61.65	53.40	51.54	Tankage	Feb.	20.60	20.55	23.04	24.75
Tankage	Feb.	20.60	20.55	23.04	24.75	Standard middlings	Feb.	30.30	31.70	31.25	35.67
Standard middlings	Feb.	30.30	31.70	31.25	35.67	Cottonseed meal	Feb.	10.66	11.05	12.62	14.33
Cottonseed meal	Feb.	10.66	11.05	12.62	14.33	Cost, 1000 lbs. poultry ration <sup>1</sup>	Feb.	143.5	150.2	122.8	149.3
Cost, 1000 lbs. poultry ration <sup>1</sup>	Feb.	143.5	150.2	122.8	149.3	Amt. of ration 10 doz. eggs will buy <sup>1</sup>	Feb.	7.20	6.80	7.80	7.46
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	Feb.	7.20	6.80	7.80	7.46	Farm price of beef cattle <sup>5</sup> , per cwt.	Feb. 15	5.90	5.80	5.40	4.73
Farm price of hogs <sup>5</sup> , per cwt.	Feb. 15	5.90	5.80	5.40	4.73	Farm price of veal calves <sup>5</sup> , per cwt.	Feb. 15	8.70	7.90	8.10	7.26
Farm price of veal calves <sup>5</sup> , per cwt.	Feb. 15	8.70	7.90	8.10	7.26	<b>BUSINESS AND INDUSTRY</b>					
<b>BUSINESS AND INDUSTRY</b>						<b>Prices</b>					
Index of employment <sup>8</sup> , 1925-27=100	Feb.	82.7*	80.6	84.7	82.2	Wholesale prices <sup>9</sup> , 1910-14=100	Feb. 15	112	112	116	116.6
Index of pay rolls <sup>8</sup> , 1925-27=100	Feb.	85.7*	79.5	82.1	71.4	All commodities	Feb. 15	111	111	114	121.8
World Price Levels <sup>11</sup>	Feb.	61*	61	70	66.8	Foods	Feb. 15	125.5*	126.6	128.1	129.4
In gold, 1910-1914=100	Feb.	61*	61	70	66.8	Retail food prices <sup>9</sup> , 1910-14=100	Feb. 15	125.5*	126.6	128.1	129.4
United States Levels <sup>11</sup>	Feb.	63*	63	67	67.8	Cost of living <sup>9</sup> , 1923=100	Feb.	85.4	85.4	86.7	83.6
In gold, 1910-1914=100	Feb.	63*	63	67	67.8	Factory employment (adjusted) <sup>9</sup>	Jan.	92*	92	90	91.8
In currency, 1910-1914=100	Feb.	107*	107	114	115.0	No. of employees, 1923-25=100	Jan.	92.7*	95.0	79.5	88.6
Business activity <sup>9</sup> , normal=100	Jan.	92.7*	95.0	79.5	88.6	Industrial production (adjusted) <sup>9</sup>	Jan.	101*	104	80	91.8
Industrial production (adjusted) <sup>9</sup>	Jan.	101*	104	80	91.8	1923-25=100	Jan.	69*	69	65	68.0
1923-25=100	Jan.	69*	69	65	68.0	Freight-car loadings (adjusted) <sup>9</sup>	Jan.	69*	69	65	68.0
Freight-car loadings (adjusted) <sup>9</sup>	Jan.	69*	69	65	68.0	1923-25=100	Jan.	69*	69	65	68.0

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors-Cornell World Price Index of 40 Basic Commodities. \* Preliminary.

Farm Employment

Some increase occurred in the number of hired persons working on Wisconsin farms during the past month, but total farm employment is below that for March of last year.

Although there are slightly more hired laborers on farms of Wisconsin crop correspondents than there were a year ago, this increase has been more than offset by a decrease in the number of unpaid family workers.

Reports from Wisconsin crop correspondents indicate that there has been an increase in both family workers and hired laborers on their farms since the first of February and at the beginning

MILES ROBINSON  
E. G. WILLIAMS  
O. H. LARSON

We have recently learned of the deaths of Messrs. Miles Robinson and E. G. Williams, who have served for many years as dairy reporters in Walworth and Dane Counties, respectively; and Mr. O. H. Larson, who was a crop reporter in Vernon County. These men have made valuable contributions to the state's agriculture and the Wisconsin Crop Reporting Service extends its sincere sympathy to their families.

of March there was a total of 213 persons employed per 100 farms. Of this number 171 persons were family workers and 42 were hired laborers.

Last year reports showed that there were 217 persons employed per 100 farms of the state's crop correspondents. This number included 177 unpaid family workers and 40 hired laborers.

With the generally lower level of farm prices and purchasing power, wage rates paid by Wisconsin farmers have been somewhat lower than last winter. However, farm employment has been at about the same level as a year ago. Little change has occurred in the number of hired laborers.

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>4</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>5</sup>	Index numbers of Wisconsin farm real estate values <sup>6</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>7</sup>	Purchasing power (Column 14 divided by column 22) <sup>8</sup>	Index number of U. S. farm real estate value <sup>9</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	-----	113	98	104	-----			
1911	91	92	111	85	90	91	99	100	118	98	93	92	-----	95	96	87	95	91	102	-----	101	101	94	-----		
1912	102	101	111	95	103	101	117	90	111	101	101	102	97	100	106	95	102	100	94	-----	87	100	100	97		
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	-----	97	101	100	100		
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	98	120	104	103	101	92	-----	85	100	101	103		
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	81	-----	77	105	93	103		
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	-----	119	124	95	108		
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	117		
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	129		
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	247	202	105	140		
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	248	201	105	170		
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	-----	101	152	82	157		
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	-----	156	149	89	139		
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	-----	216	152	93	135		
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	-----	212	152	94	130		
1925	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	-----	153	177	157	127		
1926	151	152	114	145	150	158	216	126	119	154	98	97	125	145	131	147	152	159	138	-----	143	122	155	94		
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	-----	121	128	153	91		
1928	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	-----	159	152	155	96		
1929	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	-----	149	144	153	95		
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	-----	140	102	145	87		
1931	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	62	108	100	98	-----	117	63	124	70		
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	-----	102	47	107	61		
1933	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	-----	105	64	109	64		
1934	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	-----	102	99	123	73		
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	-----	127	101	125	86		
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	-----	100	124	92	82		
1937	125	124	124	127	125	109	137	127	98	135	93	93	89	121	126	132	124	111	122	-----	122	95	130	93		
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	-----	105	70	123	77		
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	-----	102	91	110	123	113	70	-----	105	66	126	81		
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	-----	111	68	126	77		
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	69	-----	101	70	125	77		
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	-----	71	125	75	-----		
May	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	77	-----	88	71	125	74		
June	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	73	-----	92	68	124	74		
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	-----	99	71	123	77		
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	-----	92	69	122	75		
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	-----	107	69	121	79		
Oct.	98	102	69	108	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	-----	107	72	121	79		
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	111	109	131	71	-----	102	73	121	78		
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	109	112	127	73	-----	108	70	120	80		
1939	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Jan.	97	97	71	105	97	89	106	85	70	123 <sup>10</sup>	79 <sup>10</sup>	79 <sup>10</sup>	-----	94	66	112	109	97	76	-----	96	71	120	78		
Feb.	97 <sup>10</sup>	100	70	110	95 <sup>10</sup>	86	105	85	72	123 <sup>10</sup>	79 <sup>10</sup>	77 <sup>10</sup>	-----	92	66	116	107	91	78	-----	108	70	120	77		

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly index of prices paid for commodities farmers buy. <sup>5</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices received to the Wisconsin values, 1912-14=100. <sup>6</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>7</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>8</sup>Preliminary

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

WISCONSIN DEPARTMENT OF AGRICULTURE & MARKETS  
Division of Agricultural Statistics

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COLD weather in March and a delayed planting season are recorded for Wisconsin this year. Practically no field work can be done in the state before mid-April compared with the unusually early season last year. Moisture supplies are about normal and crop prospects up to this point are about average.

Pasture conditions for the state at the beginning of April are reported at 89 percent of normal which is 4 points higher than a year ago and 9 points above the 10-year average. Winter wheat and rye were about like a year ago, but above average. Acreages of winter grains are somewhat smaller this year and Wisconsin's winter wheat production is now estimated at 980,000 bushels compared with 1,106,000 last year.

For the United States, crop conditions have improved since last fall. Prospects generally are quite favorable and moisture supplies are near normal in most areas.

Winter grains in the United States are in fairly good condition and the

### Condition of Winter Wheat, Rye, and Pasture, April 1

Crop	Wisconsin			United States		
	1939	1938	10-yr. av. 1928-37	1939	1938	10-yr. av. 1928-37
Rye.....	89	89	83	79	81	76
Pasture....	89	85	80	79	80	74

### Yield per Seeded Acre

Crop	Wisconsin			United States		
	1939	1938	10-yr. av. 1928-37	1939	1938	10-yr. av. 1928-37
Winter wheat....	17.5	15.8	15.9	11.9	12.2	11.9

April estimate of winter wheat production is 549 million bushels compared with over 686 million a year ago and the 10-year average of 560 million bushels. In spite of a reduction of over 10 million acres in winter wheat from last year, the crop prospects are for a production close to the 10-year average. The condition of winter wheat has improved since last fall and the abandonment will be about 16 percent of the sown acreage. Rye prospects are fairly good though estimates of production are not made this month.

Fruit prospects for the United States are quite promising. Ample supplies will probably be produced in 1939 even though total production may be a little under the last 2 years. Some damage was done to peaches by cold weather and lack of moisture has affected some of the citrus areas. In the main fruit belts, however, prospects appear to be quite favorable.

### Estimated Stocks of Grain on Farms

(April 1 estimates)

Crop	Thousand Bushels on Hand			Percent of Previous Year's Crop		
	1939	1938	10-year average 1928-37	1939	1938	10-yr. av. 1928-36
<b>Wisconsin</b>						
Corn <sup>1</sup> ...	17,285	9,923	7,059	41	31	24
Wheat...	843	735	703	42	36	37
Oats....	29,681	29,363	27,567	39	37	35
<b>United States</b>						
Corn <sup>1</sup> ...	1,204,229	1,071,120	746,760	52.9	45.6	37.6
Wheat...	189,090	124,652	121,053	20.3	14.2	16.4
Oats....	408,543	421,840	367,451	38.8	36.3	35.5

<sup>1</sup> Data based on corn for grain.

Pastures in the United States appear to be off to about a normal start. The condition on April 1 averaged 79 percent of normal which is slightly under a year ago but well above the 10-year average. Some of the Great Plains States still show low pasture conditions but in most of the northern states pasture prospects are better than average.

### Stocks of Grain on Farms

Supplies of grain on farms are generally somewhat higher than they were a year ago and above average. In Wisconsin, the holdings of corn are estimated at more than 17 million

### Weather Summary, March 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	March 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	-10	68	22.6	23.7	1.42	1.54	+2.81
Spooner.....	-26	68	25.2	26.5	0.70	1.44	-0.22
Park Falls....	-12	70	24.2	23.8	1.11	1.87	+0.47
Rhinelanders..	-28	65	23.2	24.9	2.48	1.28	+4.92
Wausau.....	-8	73	27.8	28.0	1.01	1.73	+1.02
Marinette.....	-10	70	28.5	31.0	0.76	2.14	-0.62
Escanaba.....	-11	52	23.2	24.2	1.90	1.89	+2.12
Minneapolis...-	1	78	29.4	29.6	0.61	1.42	-0.68
Eau Claire....	4	78	30.4	30.0	0.66	1.92	-0.88
La Crosse....	4	75	33.2	31.5	0.49	1.61	+0.02
Hancock.....	-9	74	29.6	29.5	0.77	1.66	-0.18
Oshkosh.....	1	75	30.6	30.8	0.78	1.77	+0.78
Green Bay....-	2	69	29.2	28.6	0.77	2.04	-1.21
Manitowoc....	4	70	31.1	30.6	0.84	2.29	-1.09
Dubuque.....	8	82	36.0	34.0	1.59	2.03	-0.19
Madison.....	4	76	33.0	30.6	1.25	2.07	+0.00
Beloit.....	7	81	38.0	34.4	2.11	2.26	+1.35
Milwaukee....	8	76	34.8	32.1	1.54	2.42	-0.65

bushels compared with less than 10 million a year ago and a 10-year average of a little over 7 million. Oat stocks are only slightly above a year ago in the state. For the United States, corn stocks are substantially above average and stocks of wheat and oats also are above average and stocks of wheat and oats also are above average though the holdings of oats are somewhat smaller than a year ago.

### Wisconsin Milk Production

High milk production, low milk prices, and rather low feed prices characterize the Wisconsin dairy situation this month. The average milk production on farms of crop correspondents on April 1 was 261.5 pounds which is the highest on record since 1930 for that date. Production per farm in previous years was as follows: 249.4

### Winter Wheat Production

(Thousands of bushels, i. e., 000 omitted)

Crop	Wisconsin			United States		
	Indicated 1939	1938	10-yr. av. 1928-37	Indicated 1939	1938	10-yr. average 1928-37
Winter wheat	980	1,106	578	549,219	686,637	560,160

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN										UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>									
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in per cent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Cheese (lb.)					Evaporated milk <sup>5</sup> (case)	Cheese and butter prices compared <sup>6</sup>			
	For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk					American <sup>7</sup>	Swiss <sup>7</sup>	Brick <sup>8</sup>	Limburger <sup>8</sup>	Cheese div. by butter		Butter div. by cheese			
\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.	\$	%	%				
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60	---	---		
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3	195	
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186	
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208	
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187	
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197	
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176	
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174	
1918	2.49	2.50	2.23	2.73	2.80	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7	183	
1919	2.83	2.77	2.50	3.16	3.40	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9	193	
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6	224	
1921	1.69	1.59	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	44.2	227	
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	49.2	203	
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.3	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	48.2	207	
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2	226	
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	206	
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2	212	
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	49.6	202	
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208	
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	19.5	4.30	46.0	218	
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	46.4	215	
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.30	46.1	216	
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5	203	
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0	204	
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4	212	
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	49.9	200	
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209	
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8	209	
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2	217	
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	31.	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2	212	
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.	31.	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6	206	
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213	
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.72	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213	
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.0	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208	
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.1	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213	
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.1	1.56	25.4	12.0	17.5	11.8	11.5	3.00	47.1	212	
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.	27.	24.1	1.60	25.5	10.8	16.8	10.4	12.0	2.90	42.2	237	
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	43.1	232	
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0	213	
November	1.25	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4	231	
December	1.29	1.18	1.19	1.32	1.70	91	91	93	102	30.	29.	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215	
1939																						
January	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.	26.	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5	220	
February	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.	26.	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	46.1	217	
March	1.12*	1.01*	1.04*	1.16*	1.52*	90*	93*	104*	136*	27.	25.	22.7	1.60*	23.7	11.4	17.0	11.0	12.5	2.90	48.0	208	

<sup>1</sup>For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.  
<sup>2</sup>Quotations are the average for the month as reported by Wisconsin crop correspondents.  
<sup>3</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat, market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.  
<sup>4</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.  
<sup>5</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.  
<sup>6</sup>Wholesale price of 92-score butter at Chicago.  
<sup>7</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.  
<sup>8</sup>Average of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.  
<sup>9</sup>Average of weekly quotations at Monroe, Wisconsin from the Green County Herald.  
<sup>10</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920, incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in car-load lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14 1/2 oz. in January, 1931.  
<sup>11</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.  
<sup>12</sup>Preliminary.

pounds in 1938, 241.6 pounds in 1937, and following the 1934 drought when production was the lowest for April 1 in recent years the average was 220.1 pounds. For 1939 so far, the average production has exceeded that on the corresponding dates in 1938 by between 1 and 5 percent. Milk production per cow in herd was 2 percent higher than a year ago while the number of cows being kept averaged nearly 3 percent more than on the corresponding date last year. Seasonal increase in milk production continued to be slightly greater than usual.

Pasture prospects appear good except for a rather late spring and it is probable that milk flow will continue at high levels for the next two months. After that time production is wholly dependent on pasture conditions.

Feeding of grain and concentrates per cow in herd was only 1 percent

less than the record amount for April 1 fed a year ago. An average of 5.25 pounds were being fed per cow in dairy correspondents' herds on April 1. The cost of 1,000 pounds of a standard dairy ration was \$11.02 for March compared with \$12.53 a year ago. In spite of the fact that milk prices are likewise much lower than a year ago, the feed-milk price relationship was still quite unfavorable and it required 98 pounds of milk compared with 90 pounds in March last year to buy 100 pounds of a standard dairy ration.

### Wisconsin Egg Production

A lower egg production from larger farm laying flocks on April 1 than last year is reported by crop correspondents. Chicken and egg prices are lower than last year, chicken prices about average and egg prices below average.

Feed prices are still at a low level and a dozen of eggs would buy more feed in March than for the same month during the past two years.

Farm laying flocks averaged 96.3 birds per farm on April 1 compared with 91.3 a year ago. As usual the average number of layers per farm has decreased each month since January. Flocks are 5 percent larger than the 10-year average.

The rate of laying increased less during March than in any March since records were begun in 1925. On April 1 this year the flocks produced about the average amount or 51.6 eggs for each 100 layers compared with 41.2 eggs a month ago and 55.9 eggs a year ago. The egg production from larger laying flocks was more than offset by the lower rate of laying. On April 1 flocks averaged 49.7 eggs compared with 51.4 a year ago.

Some Current Changes in Agriculture and Industry

WISCONSIN					UNITED STATES						
	Latest Report		Previous Reports				Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>					<b>AGRICULTURE</b>						
Index of farm prices <sup>1</sup> , 1910-14=100	Mar.	94*	97	108	107	Index of farm prices <sup>1</sup> , 1910-14=100	Mar.	91	92	96	104
Prices farmers pay <sup>2</sup> , 1910-14=100	Mar.	122*	122*	130	127	Prices farmers pay <sup>2</sup> , 1910-14=100	Mar.	120	120	125	125
Purchasing power, farm products <sup>3</sup> , 1910-14=100	Mar.	77*	80*	83	84	Purchasing power, farm products <sup>3</sup> , 1910-14=100	Mar.	76	77	77	83
<b>Dairy Production and Markets</b>					<b>Dairy Production and Markets<sup>4</sup></b>						
Farm price of milk <sup>4</sup> , cwt.	Mar.	1.12*	1.19	1.39	1.39	Farm price of butterfat, per lb.	Mar. 15	22.7	24.9	29.8	30.2
Farm price of butterfat <sup>4</sup>	Mar. 15	27	29	35	34.6	Price (wholesale), 92-score butter, Chicago, per lb.	Mar.	23.74	25.50	29.29	30.15
Price, American cheese, Wis. Cheese Exchange (twins) per lb.	Mar.	11.40	11.75	13.75	14.24	Butter receipts at 4 markets, (000 omitted)	Mar.	57336*	51987	53123	49576
Milk production per cow in herd <sup>5</sup>	Apr. 1	17.81	16.14	17.45	16.74	Cheese receipts at 4 markets, (000 omitted)	Mar.	10598*	10235	14338	11126
Milk production per cow milked <sup>5</sup>	Apr. 1	261.5	238.6	249.4	239.8	Milk production per cow in herd	Apr. 1	14.51	13.40	14.12	13.11
Milk production per farm milked <sup>5</sup>	Apr. 1	22.68	22.30	22.56	21.96	<b>Cold-Storage Holdings<sup>7</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>4</sup>	Mar.	13.77	10.21	14.34	13.46	Creamery butter	Apr. 1	78806*	92780	14947	9537
Calves born during month being raised <sup>4</sup>	Mar.	36.99	38.36	36.51	34.93	American cheese	Apr. 1	68817*	77270	66361	61414
Grains and concentrates fed <sup>4</sup> per cow in herd	Apr. 1	5.25	4.95	5.32	4.37	Swiss cheese	Apr. 1	4383*	5444	3482	4313
per farm	Apr. 1	76.9	72.3	74.5	58.8	All other cheese	Apr. 1	8444*	8771	7199	6516
per 100 lbs. of milk produced	Apr. 1	28.85	29.91	28.30	24.85	All varieties of cheese	Apr. 1	81644*	91485	77042	72243
Farm price of milk cows <sup>4</sup>	Mar. 15	72	72	73	60.60	Total frozen poultry	Apr. 1	90965*	116229	78819	85310
Wisconsin butter receipts at 4 markets <sup>4</sup> , (000 omitted)	Mar.	8628*	6719	5978	6107	Eggs, shell	Apr. 1	1094*	165	1303	1248
Wisconsin cheese receipts at 4 markets <sup>4</sup> , (000 omitted)	Mar.	6985*	7137	9962	8328	Eggs, shell and frozen, (case equivalent)	Apr. 1	2823*	1436	4059	2811
<b>Poultry Production and Markets</b>					<b>Poultry Production<sup>8</sup></b>						
Hens and pullets per farm flock <sup>2</sup>	Apr. 1	96.3	98.2	91.8	93.3	Hens and pullets per farm flock	Apr. 1	77.0	79.8	73.8	75.6
Eggs per 100 hens and pullets <sup>2</sup>	Apr. 1	51.6	41.2	55.9	51.6	Eggs per 100 hens and pullets	Apr. 1	56.3	41.4	57.9	54.1
Eggs per farm flock <sup>2</sup>	Apr. 1	49.7	40.4	51.4	48.1	Eggs per farm flock	Apr. 1	43.1	33.4	42.5	40.6
Farm price of chickens <sup>4</sup> , per lb.	Mar. 15	14.2	14.4	16.3	14.4	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>9</sup>, (000 omitted)</b>					
Farm price of eggs, per doz.	Mar. 15	15.5	15.3	16.3	17.5	Dry whole milk	Mar. 1	2951*	3263	2184	2225
<b>Feed Price Changes</b>					<b>Feed Price Changes</b>						
Index of feed prices <sup>1</sup> , 1910-14=100	Mar.	93.8	89.3	99.8	110.2	Dry skim milk	Mar. 1	32172*	32860	33699	23974
Cost, 1000 lbs. dairy ration <sup>1</sup>	Mar.	11.02	10.80	12.53	13.97	Dry buttermilk	Mar. 1	5501*	5558	4189	3893
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Mar.	101.6*	110.2	110.9	102.8	Condensed milk (case goods plus bulk goods)	Mar. 1	12060*	14637	8611	9085
Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	Mar.	22.55	20.60	22.95	25.23	Evaporated milk (case goods)	Mar. 1	120397*	150311	132663	99360
Standard bran	Mar.	41.10	41.35	44.00	37.39	<b>Slaughtering under Federal Meat Inspection<sup>8</sup>, (000 omitted)</b>					
Linseed oil meal	Mar.	20.20	20.35	26.90	27.24	Cattle	Mar.	774	653	809	771
Corn gluten feed	Mar.	58.10	54.65	49.40	49.25	Calves	Mar.	478	385	506	517
Tankage	Mar.	23.00	20.60	22.65	25.40	Sheep and lambs	Mar.	1473	1361	1423	1346
Standard middlings	Mar.	31.15	30.30	30.50	34.89	Hogs	Mar.	3229	2890	2610	2692
Cottonseed meal	Mar.	10.98	10.66	12.32	14.26	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	Mar.	141.2	143.5	132.3	126.5	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	Mar.	7.20	7.20	8.30	7.73	Wholesale prices <sup>1</sup> , 1910-14=100					
Farm price of hogs <sup>4</sup> , per cwt.	Mar. 15	6.00	5.90	5.50	5.00	All commodities	Mar. 15	112	112	116	116.8
Farm price of beef cattle <sup>4</sup> , per cwt.	Mar. 15	8.40	8.70	7.90	6.75	Foods	Mar. 15	110	111	114	121.0
Farm price of veal calves <sup>4</sup> , per cwt.	Mar. 15	8.40	8.70	7.90	6.75	Retail food prices <sup>1</sup> , 1910-14=100	Mar. 15	124.8	125.5	123.4	129.3
<b>BUSINESS AND INDUSTRY</b>					<b>BUSINESS AND INDUSTRY</b>						
Index of employment <sup>11</sup> , 1925-27=100	Mar.	83.5*	82.7	84.5	84.0	Cost of living <sup>1</sup> , 1923=100	Mar.	84.9*	85.1	86.7	83.7
Index of pay rolls <sup>11</sup> , 1925-27=100	Mar.	86.4*	85.7	81.9	74.7	<b>Factory employment (adjusted)<sup>12</sup></b>					
<b>World Price Levels<sup>11</sup></b>					<b>Factory employment (adjusted)<sup>12</sup></b>						
In gold, 1910-1914=100	Mar.	61*	61	68	66.6	No. of employees, 1923-25=100	Feb.	91*	92	89	92.3
United States Levels <sup>11</sup>	Mar.	63*	63	66	67.8	Business activity <sup>13</sup> , normal=100	Feb.	89.8*	92.7	78.4	88.6
In gold, 1910-1914=100	Mar.	107*	107	112	114.6	Industrial production (adjusted) <sup>14</sup> 1923-25=100	Feb.	98*	101	79	92.0
In currency, 1910-1914=100	Mar.	107*	107	112	114.6	Freight-car loadings (adjusted) <sup>15</sup> 1923-25=100	Feb.	67	69	62	69.2

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors-Cornell World Price Index of 40 Basic Commodities. <sup>12</sup> Preliminary.

March farm egg prices averaged 15.5 cents per dozen in Wisconsin compared with 16.3 cents last year and the 5-year average of 17.5 eggs. Chicken prices in March averaged 14.2 cents per pound while a year ago farmers received an average of 16.3 cents.

Feed costs averaged \$10.98 per 1,000 pounds of a Wisconsin poultry ration in March while a year ago the same amount cost \$12.32 and during the past 5 years March ration costs averaged \$14.26. Compared with last year about 9 pounds more feed could be bought with 10 dozen eggs.

**United States Egg Production**

Farm flocks in the nation were also over 4 percent larger on April 1 than a year ago, but were below average. The rate of laying was lower than last year although 6 percent above average. Egg production per farm is over 1 percent larger than last year despite the lower rate of laying.

**Wages of Farm Labor**

Average wages paid to farm laborers by Wisconsin crop reporters at the beginning of April were somewhat lower than a year ago. Men working by the month with board were getting \$28.75 compared with \$31 a year ago. Men working by the month without board were getting \$41.75 which was \$2 less than a year ago. Day workers with board were averaging \$1.40, which is 5 cents less than a year ago, and day workers without board were averaging \$1.95, which is also 5 cents under last year.

Farm wages on the whole are about 5 percent higher than they were in the years before the World War, but they are about 6 percent lower than they were a year ago. April wages were higher than those reported in January but the increase was somewhat smaller than usual.

The number of hired workers on crop reporters' farms was slightly larger

than a year ago and the number of family workers employed was a little smaller. The total number of workers on farms, both family and hired labor, is about the same as a year ago.

**Current Changes**

Dairy storage holdings are being reduced although still large. Egg stocks show a seasonal increase but are below last year. Recent indexes of business activity, industrial production, and employment conditions show some decline from previous months but are higher than last year. Price levels in the United States and other countries are lower than a year ago. Except for calves, slaughter of livestock is above average.

**Cold-Storage Holdings:** Butter, cheese, and poultry stocks on April 1, while reduced from a month earlier, are still above a year ago and the average. As is usual, holdings of eggs increased considerably during March although stocks are lower than a year ago.

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>4</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>5</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>6</sup>	Index numbers of Wisconsin farm real estate values <sup>7</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>8</sup>	Purchasing power (Column 14 divided by column 22) <sup>9</sup>	Index number of U. S. farm real estate value <sup>10</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	101	113	98	104	104			
1911	91	92	111	85	90	91	99	100	118	98	93	92	95	96	87	95	91	102	113	101	101	94	100			
1912	102	101	111	95	103	101	117	90	111	101	101	102	97	100	106	95	102	100	94	87	100	100	97			
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	97	101	100	100			
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	85	100	101	103			
1915	101	99	117	101	103	101	90	89	109	99	94	104	98	120	104	103	101	82	77	105	93	103				
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	119	124	108	103			
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	119	149	117	117			
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	187	149	117	117			
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	245	176	115	129			
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	209	191	247	202	105	140			
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	248	201	105	170			
1922	125	110	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	101	152	82	157			
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	156	149	89	139			
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	216	152	93	130			
1925	144	138	133	133	150	160	154	129	115	155	95	97	130	143	129	110	149	149	125	212	152	94	135			
1926	151	152	114	145	150	158	216	126	119	154	98	97	130	156	157	140	153	163	172	177	157	99	127			
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	145	131	147	152	159	138	142	152	99	124			
1928	156	143	130	145	170	163	140	169	115	153	102	111	120	139	128	140	155	144	144	121	128	153	91			
1929	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	149	144	153	95			
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	140	102	145	116			
1931	90	89	67	85	91	85	107	97	90	121	74	75	104	87	63	92	108	100	98	117	63	124	70			
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	102	47	107	61			
1933	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	105	64	109	64			
1934	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	102	99	123	73			
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	127	101	125	86			
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	113	100	124	92			
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	121	126	132	124	111	122	122	95	130	93			
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	105	70	123	77			
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	102	91	110	128	113	70	105	66	126	81				
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	97	89	110	121	94	68	111	68	126	77				
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	96	85	117	117	93	69	101	70	125	77				
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	94	82	114	110	93	68	98	71	125	75				
May	100	103	85	107	97	99	113	115	77	129	78	75	92	79	111	103	98	77	88	71	125	74				
June	100	106	79	111	95	96	118	115	77	129	78	74	92	77	116	98	99	73	92	68	124	74				
July	102	108	77	116	95	97	123	85	74	127	80	75	95	72	123	101	103	79	99	71	123	77				
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	92	62	115	102	105	78	92	69	122	75				
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	95	63	117	104	118	75	107	69	121	79				
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	95	60	111	107	124	70	107	72	121	79				
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	94	60	111	109	131	71	102	73	121	78				
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	96	63	109	112	127	73	108	70	120	80				
1939																										
Jan.	97	97	71	105	97	89	106	85	70	123 <sup>10</sup>	79 <sup>10</sup>	79 <sup>10</sup>	94	66	112	109	97	76	96	71	120	78				
Feb.	97	100	70	110	94	86	105	85	72	122 <sup>10</sup>	80 <sup>10</sup>	77 <sup>10</sup>	92	66	116	107	91	78	108	70	120	77				
Mar.	94 <sup>10</sup>	100	70	110	89 <sup>10</sup>	86	106	85	68	122 <sup>10</sup>	77 <sup>10</sup>	73 <sup>10</sup>	91	66	116	100	85	81	114	71	120	76				

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly or March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>Average of estimated values, 1912-14=100. <sup>8</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup>Preliminary.

**Butter:** Nearly 79 million pounds were held in cold storage on April 1 after a net out-of-storage movement of nearly 14 million pounds during the month previous. A year ago stocks totaled only about 15 million pounds while the 5-year average for April 1 is about 9½ million. The DPMA decreased their holdings for resale or relief purposes by 4 million pounds to over 65 million. The FSCC and various states holding creamery butter for relief purposes reduced their stocks from 14 to 7 million pounds.

**Cheese:** After following the seasonal out-of-storage movement in March, total stocks were over 8½ million pounds on April 1. These stocks are only a few million pounds larger than last year and the 5-year average although below the record April holdings which occurred in 1937.

**Poultry and Eggs:** Poultry in storage was reduced by over 25 million pounds during March to nearly 91 million on April 1. Stocks are larger than a year ago and average, but are below the April 1 record of 120 million in 1937. Eggs in storage are increasing al-

though below last year but above average. April 1 stocks totaled 2,823,000 cases compared with 4,059,000 a year ago.

**Dry, Evaporated, and Condensed milk:** These stocks on March 1 were lower than a month earlier but were above average. Except for dry skim milk and evaporated milk, they were lower than a year earlier.

**Livestock Slaughter:** March slaughter of the 4 classes of livestock was larger than in February. Cattle and calves slaughtered under federal inspection during the past month totaled less than in March of last year, although the number of sheep and lambs and hogs slaughtered was larger. Compared with the March 5-year average, slaughtering of all species except calves are larger.

Wisconsin Farm Prices

Milk for all uses declined 7 cents from February to \$1.12 per hundredweight during March which is the lowest on record for that month except

for 1932, 1933, and 1911. Deliveries to market milk establishments declined from \$1.63 per hundredweight for February to \$1.52 for March. Where cheese or butter was made from the milk, a downturn of 7 cents was shown in the prices. Milk used by condenseries was \$1.16 compared with \$1.22 a month earlier. Prices of milk for all utilizations was \$1.39 a year ago, or 27 cents higher than the levels prevailing now.

Wisconsin's farm price index was 94 percent in March, 97 percent in February and 108 percent of pre-war a year ago. Farm purchasing power in the state declined to 77 percent of pre-war, or the lowest level for March since 1934. The index of prices paid by farmers was 122 percent of pre-war for March compared with 130 percent in March last year. All of the major price groups were unchanged from February to March except for milk which was 5 points lower, cash crops which was 1 point higher, and the unclassified group which was 4 points lower. All price groups were lower than a year ago.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

WISCONSIN DEPARTMENT OF AGRICULTURE & MARKETS  
Division of Agricultural Statistics

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IN WISCONSIN the spring season has been late and cold this year. Temperatures have averaged low during April and there were many cold nights and much freezing weather. Compared with a year ago field work is generally backward and much of the grain this year has been planted in May. Field work on the uplands was done under fairly satisfactory conditions but many of the lowlands are reported to be unusually wet.

Pastures are making a rather late start, though the prospects for pastures in Wisconsin while not as good as a year ago are perhaps better than average. Hay crops too are not as good as they were a year ago but somewhat better than the average of recent years. In southern Wisconsin considerable damage to alfalfa and clovers is reported. In some of these southern counties there was little snow during some of the cold weather, and the low temperatures during April have probably added further to the damage.

Winter grains in Wisconsin also show a somewhat lower condition than was reported a year ago but they are better than the May 1 average of recent years. According to Wisconsin crop reporters, winter wheat was 85 percent of normal and rye 87 percent.

### Winter Wheat and Rye, Production and Yield

(May 1 estimates)

Crop	Wisconsin			United States		
	Indicated 1939	1938	10-yr. av. 1928-37	Indicated 1939	1938	10-yr. average 1928-37
(Production, Thousand Bushels)						
Winter wheat	954	1,106	578	543,928	686,637	560,160
Rye	3,408	4,290	2,515	46,704	55,039	36,330
(Yield, Bushels)						
Winter wheat	18.0	16.5	17.6	14.0	13.8	14.5
Rye	12.0	13.0	10.8	11.4	13.8	11.1

### United States Crops

For the country as a whole, crop prospects are somewhat below average and quite uneven. Dry weather in the Pacific Coast States, Idaho, Arizona, and the Great Plains area from North Dakota to Texas has reduced prospects for crops and for pastures to a point where livestock marketings from the area have been increased. In the rest of the country conditions are more nearly average for this season of the year.

Winter wheat prospects in the United States declined somewhat during the past month, the present estimate of production being 544 million bushels compared with about 687 million a year ago and an estimate of 549 million bushels made a month ago. The rye crop is now estimated at nearly 47 million bushels which compares with 55 million bushels last year and a 10-year average of a little over 36 million bushels. The acreage of rye left for harvest is slightly larger than a year ago.

From the crops of last year there is a considerable carry-over of grain and hay on many farms. With the late spring in some of the northern states, a part of these extra supplies will probably be needed. Feeding of livestock has been relatively heavy, and if crops are reasonably normal it would appear that feed supplies for the coming year should be at least up to average levels. Data regarding the winter grains, hay, and pastures are shown in the accompanying tables.

### Maple Sugar and Sirup

On the whole, the season has been quite favorable for the production of maple sugar and sirup in Wisconsin this year and the crop is substantially above the small one harvested a year ago. For the country as a whole, however, the number of trees tapped was smaller than last year and the output of maple products is also lower. The estimated number of trees tapped declined from 11,672,000 last year to 9,670,000 this year, a loss of about 2

### Weather Summary, April 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	April 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	12	75	35.1	37.0	1.28	2.06	+2.03
Spooner.....	11	82	39.7	42.9	1.58	1.79	+0.01
Park Falls.....	8	81	37.7	40.7	2.23	2.65	+0.05
Rhineland.....	7	80	35.8	40.8	2.61	2.24	+5.29
Wausau.....	14	82	41.8	43.8	2.56	2.49	+1.09
Marinette.....	14	77	40.4	43.3	1.97	2.57	-0.62
Escanaba.....	11	71	35.8	37.9	2.04	2.23	+1.93
Minneapolis.....	15	83	42.4	46.4	2.19	2.23	-0.72
Eau Claire.....	15	86	43.0	46.2	3.13	2.50	-0.25
La Crosse.....	19	86	45.1	47.2	2.27	2.42	-0.13
Hancock.....	12	86	42.0	44.7	1.76	2.63	-1.05
Oshkosh.....	17	79	41.7	45.0	2.39	2.73	+0.44
Green Bay.....	17	82	41.1	43.8	1.94	2.65	-1.92
Manitowoc.....	12	80	39.1	42.3	2.32	2.63	-1.40
Dubuque.....	21	85	37.1	39.0	2.98	2.85	-0.06
Madison.....	17	82	42.8	45.4	3.16	2.77	+0.39
Beloit.....	19	86	46.2	47.8	2.91	2.72	+1.54
Milwaukee.....	19	85	43.7	43.8	2.81	2.68	-0.52

million trees. Most of this decline is due to the severe hurricane which occurred in New England last September.

In Wisconsin there was an increase in the number of trees tapped this year, and the output of sirup for the state is estimated at 105,000 gallons compared with only 49,000 gallons a year ago. For the country as a whole the sirup production is estimated at 2,447,000 gallons, which is 325,000 gallons less than the production a year ago. Maple sugar production for the country this year is estimated at 715,000 pounds, which compares with 1,078,000 pounds made last year. Reports

### Maple Sugar and Sirup Production Estimates by States

State	Trees Tapped (1000 Trees)			Sugar Made (1000 Pounds)			Sirup Made (1000 Gallons)		
	1939	1938	1928-37	1939	1938	1928-37	1939	1938	1928-37
Maine.....	265	273	258	6	6	17	34 <sup>1</sup>	47 <sup>1</sup>	34
New Hampshire.....	236	368	387	24	72	88	59	83	72
Vermont.....	3,426	5,438	5,456	279	627	789	843	1,485	1,002
Massachusetts.....	217	224	248	30	32	78	64	52	57
New York.....	3,018	2,959	3,328	290	260	378	714	588	736
Pennsylvania.....	522	502	694	43	43	100	129	95	192
Ohio.....	1,192	1,180	1,220	9	9	32	370	283	337
Michigan.....	387	379	467	17	16	34	104	64	110
Wisconsin.....	349	291	272	7	3	10	105	49	65
Maryland.....	58	58	59	10	10	21	25	26	23
United States.....	9,670	11,672	12,390	715	1,078	1,548	2,447	2,772	2,628

<sup>1</sup> Does not include 45,000 gallons of sirup in 1938 and 32,000 gallons in 1939 produced on non-farm lands in Somerset County.

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN										UNITED STATES			WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>							
	Milk av. all uses cwt.	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>10</sup>	
		For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>5</sup>	Swiss <sup>7</sup>	Brick <sup>8</sup>	Limburger <sup>8</sup>		Cheese div. by butter	Butter div. by cheese
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60	51.3	195	
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	13.4	13.6	11.2	10.1	3.45	53.9	186	
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	3.25	53.9	186	
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	3.55	48.1	208	
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	3.40	53.5	187	
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	3.05	52.5	197	
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	3.65	56.7	176	
1917	2.20	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	5.20	57.3	174	
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	5.70	54.7	183	
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	67.7	53.3	3.30	57.6	29.9	43.5	28.2	6.50	51.9	193	
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	57.8	26.2	31.0	23.4	6.15	44.6	224	
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	5.45	44.2	226	
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	4.85	49.2	203	
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	4.45	48.2	207	
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	123	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	4.40	44.2	226	
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	4.50	48.8	205	
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	4.60	47.2	212	
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	4.70	49.6	201	
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	4.55	48.0	208	
1929	2.01	1.84	1.94	2.12	2.43	92	87	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	4.30	46.0	217	
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.7	34.5	2.21	35.3	16.4	25.9	16.0	3.90	46.4	215	
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	3.30	46.1	217	
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	2.60	49.5	202	
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	2.55	49.0	204	
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	2.70	47.4	211	
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	2.91	49.9	209	
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	3.26	47.9	200	
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	3.21	47.8	209	
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	3.02	46.2	216	
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	34.	33.5	2.08	32.6	15.4	21.5	14.0	3.25	47.2	212	
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.	31.	30.5	1.96	30.1	14.6	20.8	12.8	3.25	48.6	206	
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.84	29.3	13.8	20.5	12.0	3.21	46.9	213	
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.69	26.9	12.6	20.5	12.0	3.00	47.0	213	
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.0	1.57	25.6	12.3	19.8	12.0	3.00	48.1	208	
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	23.7	1.52	25.3	11.9	19.1	11.5	3.00	47.0	213	
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.2	1.56	25.4	12.0	17.5	11.8	3.00	47.1	212	
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.	27.	24.1	1.60	25.5	10.8	16.8	10.4	2.90	42.2	237	
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.67	25.5	11.0	14.0	10.4	2.90	43.1	232	
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	2.90	47.0	213	
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	26.5	11.5	16.6	11.4	2.90	43.4	231	
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.	29.	27.0	1.86	27.4	12.8	17.0	11.9	2.90	46.6	215	
1939	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.	26.	25.2	1.81	25.5	11.6	17.0	10.6	2.90	45.5	220	
January	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.	26.	24.9	1.72	25.5	11.8	18.0	11.1	2.90	46.1	217	
February	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.	25.	22.7	1.59	23.7	11.4	17.0	11.0	2.90	48.0	208	
March	1.05*	.96*	.96*	1.07*	1.44*	91*	91*	102*	137*	25.	23.	21.4	1.49*	22.0	11.1	17.0	10.4	2.90	50.7	197	

<sup>1</sup>For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.  
<sup>2</sup>Quotations are the average for the month as reported by Wisconsin crop correspondents.  
<sup>3</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.  
<sup>4</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.  
<sup>5</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>6</sup>Wholesale price of 92-score butter at Chicago.  
<sup>7</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.  
<sup>8</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.  
<sup>9</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.  
<sup>10</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920, incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in car-load lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14 1/2 oz. in January, 1931.  
<sup>11</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange The butter price is 92-score at Chicago.  
<sup>12</sup>Preliminary.

indicate that the quality of the maple products this year is unusually good. The maple sirup in Wisconsin is clearly the best that has been offered in some years. The data on this crop are shown in the accompanying table.

Farm Land Values Decline Further

Accompanying the decline in the prices of farm products during the past two years, a decline is also experienced in the values of farm land. According to Wisconsin crop reporters, the average values of farm lands are about 2 percent lower this year than those reported by the same correspondents a year ago. According to the judgment of the reporters, land values are now at 86 percent of the pre-war level compared with 88 percent last year and the depression low point at 80 percent recorded in 1933 and 1934.

For the United States land values have also shown a slight decline—the

average reported for the country as a whole being now 84 percent of the pre-war level compared with 85 percent a year ago and the depression low point of 73 percent recorded in 1933. Some parts of the United States show no change of land values this year but in most of the country some declines are recorded—only a few scattered states showing increases.

Late Seeding Reduces Crop Yields

Examination of yields of oats and barley in Wisconsin in relation to the dates of planting these crops indicates that the late planted grains do not yield as well as those that are planted early. On an average for southern Wisconsin the date of the beginning of grain seeding since 1874 has been April 16. The yield of oats in the 25 years when planting was done before April 16 averages 35.1 bushels. The yield in the 40 years when planting was

done after April 15 averages 32.1 bushels. It is of interest to note that the 5 years in which Wisconsin has had an average of 40 bushels or more per acre for oats show that the crop was planted in the first half of April. For barley there is a slightly smaller difference in yield in favor of the earlier planting. For the 25 years when planting was done before April 16 the average is 28.7 bushels and for the 40 years when planting was done after April 15 the average is 27.3 bushels.

Wisconsin May Milk Production

A late spring has retarded pasture growth and milk production per farm was 3 percent less than a year ago at 268.0 pounds per farm on May 1 according to crop correspondents. Seasonal increase in production was not as great as usually occurs from April 1 to May 1. Milk production per cow in herd was 18.57 pounds on May 1 compared

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	April	90*	94	103	104	Index of farm prices <sup>1</sup> , 1910-14=100	April	89	91	94	104
Prices farmers pay <sup>2</sup> , 1910-14=100	April	122*	122	130	127	Prices farmers pay <sup>2</sup> , 1910-14=100	April	120	120	125	125
Purchasing power, farm products <sup>3</sup> , 1910-14=100	April	74*	77	79	81	Purchasing power, farm products <sup>3</sup> , 1910-14=100	April	74	76	75	83
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>4</sup></b>					
Farm price of milk <sup>5</sup> , cwt.	April	1.05*	1.12	1.29	1.31	Farm price of butterfat, per lb.	April 15	21.4	22.7	27.0	29.2
Farm price of butterfat <sup>5</sup>	April 15	25	27	33	33.6	Price (wholesale), 92-score butter, Chicago, per lb.	April	21.95	23.74	26.90	28.60
Price, American cheese, Ws. Cheese Exchange (twins) per lb.	April	11.12	11.40	12.65	13.19	Butter receipts at 4 markets, (000 omitted)	April	56157*	57336	57248	51519
Milk production per cow in herd <sup>6</sup>	May 1	18.57	17.81	19.33	17.92	Cheese receipts at 4 markets, (000 omitted)	April	9841*	10598	10509	10409
Milk production per farm <sup>6</sup>	May 1	268.0	261.5	277.4	253.8	Milk production per cow in herd	May 1	15.63	14.51	15.79	14.45
Milk production per cow milked <sup>6</sup>	May 1	22.33	22.68	23.14	21.89	<b>Cold-Storage Holdings<sup>7</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>6</sup>	April	10.76	13.77	10.18	10.33	Creamery butter	May 1	70861*	78909	20144	9812
Calves born during month being raised <sup>6</sup>	April	34.40	36.99	35.82	34.41	American cheese	May 1	62870*	68812	65767	58183
Grains and concentrates fed <sup>6</sup> per cow in herd	May 1	5.08	5.25	5.10	4.42	Swiss cheese	May 1	3704*	4389	2852	4046
per farm	May 1	72.9	76.9	72.1	59.1	All other cheese	May 1	8774*	8452	7670	7185
per 100 lbs. of milk produced	May 1	25.25	28.85	24.56	23.29	All varieties of cheese	May 1	75348*	81653	76289	69414
Farm price of milk cows <sup>8</sup>	April 15	71	72	71	61.80	Total frozen poultry	May 1	70580*	90987	60053	63058
Wisconsin butter receipts at 4 markets <sup>9</sup> , (000 omitted)	April	8540*	8628	6802	6901	Eggs, shell	May 1	3347*	1105	3204	3838
Wisconsin cheese receipts at 4 markets <sup>9</sup> , (000 omitted)	April	7172*	6985	7455	7752	Eggs, shell and frozen, (case equivalent)	May 1	5884*	2833	6515	6096
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>8</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	May 1	88.3	96.3	88.9	90.9	Hens and pullets per farm flock	May 1	72.2	77.0	68.6	71.2
Eggs per 100 hens and pullets <sup>2</sup>	May 1	58.3	51.6	59.9	59.4	Eggs per 100 hens and pullets	May 1	57.6	56.3	58.1	56.5
Eggs per farm flock <sup>2</sup>	May 1	51.5	49.7	53.3	54.0	Eggs per farm flock	May 1	41.2	43.1	39.4	39.8
Farm price of chickens <sup>2</sup> , per lb.	April 15	14.6	14.2	17.3	15.4	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>4</sup>, (000 omitted)</b>					
Farm price of eggs <sup>2</sup> , per doz.	April 15	15.1	15.5	15.5	17.4	Dry whole milk	April 1	2694*	2851	2245	2024
<b>Feed Price Changes</b>						<b>Feed Price Changes</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	April	98.5	93.8	94.5	112.3	Dry skim milk	April 1	30972*	32318	36699	24250
Cost, 1000 lbs. dairy ration <sup>1</sup>	April	11.29	11.02	11.98	14.01	Dry buttermilk	April 1	5780*	5501	3797	3805
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	April	93.0*	101.6	107.7	96.7	Condensed milk (case goods plus bulk goods)	April 1	10765*	12187*	10146	8807
Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	April	24.55	22.55	20.85	25.91	Evaporated milk (case goods)	April 1	109882*	120397	123801	91628
Standard bran	April	40.60	41.10	44.35	38.00	<b>Slaughtering under Federal Meat Inspection<sup>5</sup>, (000 omitted)</b>					
Linseed oil meal	April	21.60	20.20	24.95	26.64	Cattle	April	677	774	749	759
Corn gluten feed	April	58.40	58.10	47.80	46.36	Calves	April	457	478	502	530
Tankage	April	25.05	23.00	20.60	26.10	Sheep and lambs	April	1224	1473	1425	1335
Standard middlings	April	31.95	31.15	30.60	35.97	Hogs	April	2931	3229	2462	2684
Cottonseed meal	April	11.26	10.98	11.91	14.48	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	April	134.1	141.2	130.1	124.3	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	April	6.50	7.20	7.60	7.53	Wholesale prices <sup>6</sup> , 1910-14=100	April 15	111	112	115	116.6
Farm price of hogs <sup>8</sup> , per cwt.	April 15	6.30	6.00	5.70	5.10	All commodities	April 15	106	109	112	120.6
Farm price of beef cattle <sup>8</sup> , per cwt.	April 15	7.80	7.20	7.50	6.61	Foods	April 15	125.1*	124.8	129.7	130.1
Farm price of veal calves <sup>8</sup> , per cwt.	April 15					Retail food prices <sup>6</sup> , 1910-14=100	April 15		84.9*	86.8	84.0
<b>BUSINESS AND INDUSTRY</b>						<b>Cost of living<sup>7</sup>, 1923=100</b>					
Index of employment <sup>8</sup> , 1925-27=100	April	83.5*	83.6	83.3	84.1	<b>Factory employment (adjusted)<sup>9</sup></b>					
Index of pay rolls <sup>8</sup> , 1925-27=100	April	85.3*	86.7	79.6	75.1	No. of employees, 1923-25=100	Mar.	91*	91	87	93.1
<b>World Price Levels<sup>11</sup></b>						<b>Business activity<sup>9</sup>, normal=100</b>					
In gold, 1910-1914=100	April	61*	61	67	66.4	Industrial production (adjusted) <sup>9</sup>	Mar.	89.7*	89.6	77.4	88.6
United States Levels <sup>11</sup>	April	62*	63	65	67.4	1923-25=100	Mar.	98*	98	79	92.4
In gold, 1910-1914=100	April	106*	107	110	114.2	Freight-car loadings (adjusted) <sup>9</sup>	Mar.	66	67	60	67.8
In currency, 1910-1914=100	April					1923-25=100	Mar.				

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors—Cornell World Price Index of 40 Basic Commodities. \* Preliminary.

with 19.33 pounds a year ago and the 10-year average of 18.48 pounds. The average number of milk cows was almost the same as a year ago. Late pastures were only supplying 1.9 percent of the total feed of milk cows compared with 6.3 percent, a near record for the corresponding date last year, and .8 percent in 1937. The amount of grain and concentrates fed per cow in herd on dairy correspondents' farms was 5.08 pounds or nearly the same as a year ago in spite of an unfavorable milk price and milk-feed price relationship. For the first time in more than a year the percentage of calves being raised was smaller than the percentage being raised in the corresponding month of the previous year.

**Egg Production**

Laying flocks are smaller and the May 1 rate of laying on Wisconsin farms is lower than last year, according to reports of crop correspondents. The decrease in the average size of

the laying flock from the month before is the largest that has been reported for a number of months. On May 1 flocks averaged 88.3 layers compared with 96.3 a month ago. Flocks are only 1 percent smaller than a year ago and about equal to the 10-year average. May 1 egg production for each 100 hens was reported to be 58.3 eggs compared with nearly 3 percent lower or 59.9 eggs a year ago, and total egg production per farm is 3 percent smaller than a year ago.

**Current Changes**

Many business indexes are above last year. General farm and wholesale prices are lower than last year and below the 5-year average. Cold-storage holdings of creamery butter are still much above average but 8 million pounds lower than on April 1. Total cheese stocks are the lowest in nearly 3 years. Poultry stocks are above average while egg stocks are about average. Hog slaughterings are above

average while other classes of livestock are lower.

**Butter:** Creamery butter in cold storage on May 1 totaled about 71 million pounds after a net out-of-storage movement of 8 million pounds during April. May 1 stocks included nearly 57 million pounds held by the Dairy Products Marketing Association for resale or relief purposes and over 5 million held by FSCC and various states for relief purposes. In 1938 there was a net increase in cold-storage holdings during April.

**Cheese:** Cold-storage holdings of all cheese on May 1 totaled over 75 million pounds, the lowest on record since June 1, 1936. Stocks were reduced by a net amount of 6 million pounds in April although the May 1 holdings were still above the 5-year average. Swiss cheese stocks on the first of the month of 3,700,000 pounds were considerably above a year ago but were somewhat below average.

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>											
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)													Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>4</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>5</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>6</sup>	Index numbers of Wisconsin farm real estate values <sup>7</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>8</sup>	Purchasing power (Column 14, divided by column 22)	Index number of U. S. farm real estate value <sup>9</sup>	
1910	99	99	101	101	98	103	84	100	103	98	101	100	-----	102	104	103	99	104	101	-----	113	98	104	-----	
1911	91	92	111	85	90	91	99	100	118	98	93	92	-----	95	96	87	95	91	102	-----	101	101	94	-----	
1912	102	101	111	95	103	101	117	90	111	101	101	102	97	100	106	95	102	100	94	-----	87	100	100	97	
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	-----	97	101	100	100	
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	-----	85	100	101	103	
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	82	-----	77	105	93	103	
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	-----	119	124	95	108	
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	117	
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	129	
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	247	202	105	140	
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	248	201	105	170	
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	-----	101	152	82	157	
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	-----	156	149	89	139	
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	-----	216	152	93	135	
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	-----	212	152	94	130	
1925	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	-----	153	177	99	127	
1926	151	152	114	145	150	158	216	126	119	154	98	97	125	145	131	147	152	159	138	-----	143	122	155	94	
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	-----	121	128	153	91	
1928	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	-----	159	152	155	96	
1929	155	148	116	152	162	180	144	177	114	150	103	108	119	146	120	156	157	162	141	-----	149	144	153	95	
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	-----	140	102	145	87	
1931	90	89	67	85	91	85	107	97	90	121	74	75	104	87	63	92	108	100	98	-----	117	63	124	70	
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	-----	102	47	107	61	
1933	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	-----	105	64	109	64	
1934	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	-----	102	99	123	73	
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	-----	127	101	125	86	
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	-----	113	100	124	92	
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	121	126	132	124	111	122	-----	122	95	130	93	
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	-----	105	70	123	77	
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	-----	102	91	110	128	113	70	-----	105	66	126	81	
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	-----	111	68	126	77	
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	69	-----	101	70	125	77	
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	-----	98	71	125	75	
May	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	77	-----	85	71	125	74	
June	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	73	-----	92	68	124	74	
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	-----	99	71	123	77	
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	-----	92	69	122	75	
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	-----	107	69	121	79	
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	-----	107	72	121	79	
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	111	109	131	71	-----	102	73	121	78	
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	100	112	127	73	-----	108	70	120	80	
1939													86												84
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	-----	94	66	112	109	97	76	-----	96	71	120	78	
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	-----	92	66	116	107	91	78	-----	108	70	120	77	
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	-----	91	66	116	100	88	81	-----	114	71	120	76	
Apr.	90 <sup>10</sup>	97	70	106	83 <sup>10</sup>	86	105	85	67	122 <sup>10</sup>	74 <sup>10</sup>	68 <sup>10</sup>	-----	89	67	114	95	87	82	-----	102	70	120	74	

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. <sup>5</sup>Indexes for other months are interpolations from the quarterly data. <sup>6</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>8</sup>Average of estimated values, 1912-14=100. <sup>9</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. <sup>10</sup>Indexes for other months are interpolations from the quarterly data. <sup>11</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>12</sup>Preliminary.

**Poultry and Eggs:** Total frozen poultry stocks were reduced by 20 million pounds in April to nearly 71 million on May 1. Holdings are above last year and average. Eggs in cold storage increased considerably during April. Shell egg stocks increased to above those held a year ago while total egg stocks on May 1 of nearly 6 million cases were somewhat below a year ago and slightly below average.

**Dry, Condensed, and Evaporated Milk:** These stocks on April 1 were larger than the 5-year average. Compared with last year, stocks of dry skim milk are nearly 16 percent lower and evaporated milk stocks are 11 percent lower. Stocks of dry whole milk and dry buttermilk are considerably larger than last year while condensed milk stocks are somewhat larger.

**Wisconsin Farm Prices**

After four months of successive decline both in milk prices and the Wisconsin index of farm prices, levels in the state for April are the lowest since

1934. At 90 percent of pre-war, the Wisconsin farm price index has declined 11 points during the past four months and is 13 points lower than a year ago. Purchasing power of Wisconsin's farm dollar was 74 percent of

**Dairy Products in Cold Storage, Pounds per Capita**

Commodity	May 1, 1939 <sup>1</sup>	May 1, 1938	May 1 5-year average 1934-38
Butter, creamery	.548	.156	.076
Cheese, all varieties	.583	.590	.537
Cheese, American	.486	.509	.450
Cheese, Swiss	.029	.022	.031
Cheese, other varieties <sup>2</sup>	.068	.059	.056

<sup>1</sup>Preliminary. <sup>2</sup>Includes Brick and Munster, Limburger and all other varieties.

pre-war in April compared with 77 percent a month ago and 79 percent of pre-war a year ago. The index of prices farmers pay was 122 percent of pre-war in March and April, while a year ago it was 130 percent of pre-war. None of the farm price groups showed an increase from March to April but grains, poultry products, and fruits and vegetables remained unchanged. The milk, livestock, cash crop, and unclassified groups showed declines from March to April.

The average of milk prices for all uses at \$1.05 per hundredweight for April was 7 cents lower than a month ago and 24 cents below a year ago. Milk utilized in market milk averaged \$1.44 per hundredweight compared with \$1.54 a month ago and \$1.77 a year ago. Deliveries of milk for use in butter and condensery products averaged 7 cents less than in the preceding month. The price of milk for cheese was 5 cents lower in April than in March. The various outlets were from 20 to 33 cents lower than a year ago.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

WISCONSIN DEPARTMENT OF AGRICULTURE & MARKETS  
Division of Agricultural Statistics

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## IN THIS ISSUE

### June Crop Report

During May crop prospects declined because of widespread drought. Recently rather general rains have caused crop improvement but prospects are not as good as they were a year ago.

### 1938 Wisconsin Dairy Manufactures

A new record of production is reported for butter and cheese made in Wisconsin dairy plants during 1938. Condensery products also showed a larger production last year but are not up to the former high point in this state.

### June Milk Production

At the beginning of June the production of milk in both Wisconsin and the United States was of a level somewhat higher than a year ago. Pastures were not as good as last year but somewhat more cows are being milked.

### Egg Production

Production of eggs on farms is somewhat higher than a year ago. In Wisconsin, flocks are about the same size as last year but for the country as a whole they average larger.

### Prices Farmers Receive and Pay

Milk prices during May showed a small rise compared with April but they are still under a year ago. The average of all farm prices in Wisconsin was 91 percent of the pre-war level in both May and April. Because of the relatively higher prices of things farmers buy the purchasing power of the farm dollar is lower than it was last year.

CROP improvement has been quite general during late May and early June. Up to that time, however, a widespread spring drought prevailed which caused serious apprehension about crop prospects in much of the United States but more particularly the Great Plains and Western regions.

The early spring work was quite late and backward this year but with the dry period which existed during much of May, good progress was made in farm work and corn planting was generally quite well on schedule. The dry period reduced the prospects for grain, hay, and pastures, though with the recent rains these will make some improvement. Late planted crops, such as corn and potatoes in Wisconsin are mostly looking well.

Compared with a year ago crop conditions and prospects show a considerable reduction. Even so, feed supplies will probably be quite good this year if normal weather prevails during the rest of the growing season. Winter-killing and the spring drought have reduced hay prospects, but there is a considerable carry-over of old hay from last year which will partly offset this year's shorter production.

### Condition of Crops, June 1, 1939, 1938, and 10-year Average

(Percent of Normal)

Crop	Wisconsin			United States		
	1939	1938	10-yr. av. 1928-37	1939	1938	10-yr. av. 1928-37
Spring wheat	83	91	86	71	87	75
Oats	82	90	86	72	87	77
Barley	85	90	86	72	87	78
Tame hay	74	88	75	74	84	76
Clover and timothy hay	74	86	74	75	85	76
Alfalfa hay	75	90	78	78	85	80
Wild hay	80	88	79	66	83	72
Pasture	76	89	78	73	85	76
Canning peas	78	86	82	79	85	82
Apples	83	68	76	69	55	64
Cherries	85	71	74 <sup>1</sup>	74 <sup>2</sup>	56 <sup>2</sup>	63 <sup>2</sup>

<sup>1</sup> 9-year average, 1929-37.

<sup>2</sup> 12 states, 1929-37.

### Winter Grains Decline

The winter wheat crop prospects declined about 20 million bushels during May, leaving the estimate for June 1 a little over 523 million bushels for the United States. In Wisconsin the winter wheat yields will be about average but for the country as a whole they will probably be below average.

### Weather Summary, May 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	May 1939	Normal	Accumulative excess or deficiency since January 1
Duluth	30	95	50.4	47.3	1.93	3.25	+0.71
Spooner	25	91	60.4	54.7	4.37	3.19	+1.19
Park Falls	28	94	60.2	52.5	5.04	3.50	+1.59
Rhineland	25	90	56.5	52.7	3.91	3.18	+6.02
Wausau	31	94	61.4	55.2	5.90	3.44	+3.55
Marinette	29	93	56.6	55.1	3.20	3.12	-0.54
Escanaba	28	85	50.6	49.6	2.82	2.93	+1.82
Minneapolis	35	95	64.0	57.7	3.55	3.67	-0.84
Eau Claire	35	96	65.1	57.4	2.01	4.04	-2.28
La Crosse	38	92	65.0	59.3	2.03	3.75	-1.85
Hancock	24	93	61.9	56.4	2.10	4.11	-3.06
Oshkosh	29	88	60.1	56.4	2.43	3.52	-0.65
Green Bay	32	92	58.8	54.9	2.39	3.52	-3.05
Manitowoc	33	92	54.5	52.2	2.37	3.49	-2.52
Dubuque	38	92	66.0	60.3	1.44	4.22	-2.84
Madison	34	90	62.4	57.6	1.64	3.85	-1.82
Beloit	32	90	64.4	58.5	3.10	3.54	+1.10
Milwaukee	36	90	57.9	54.1	1.40	3.35	-2.47

Rye prospects have declined somewhat during the past month in Wisconsin. The crop is now estimated at 3,124,000 bushels, which is more than a million bushels under last year's production in the state. The United States' rye crop is estimated at nearly 35 million bushels, which compares with 55 million bushels harvested a year ago.

Oats and barley both declined considerably in prospects during May but in many cases these crops were not so far along but what a considerable recovery has been possible since the rains came. On the basis of the June 1 condition the oat crop for the United States would appear to be about 20 per-

### Winter Wheat and Rye, Production and Yield

(June 1 estimates)

Crop	Wisconsin			United States		
	Indicated 1939	1938	10-yr. av. 1928-37	Indicated 1939	1938	10-yr. average 1928-37
(Production, Thousand Bushels)						
Winter wheat	954	1,106	578	523,431	686,637	560,160
Rye	3,124	4,290	2,515	34,628	55,039	36,330
(Yield, Bushels)						
Winter wheat	18.0	16.5	17.6	13.4	13.8	14.5
Rye	11.0	13.0	10.8	8.5	13.8	11.1

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN												UNITED STATES			WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>						
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>1</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>5</sup>			
	For cheese	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>6</sup>	Swiss <sup>7</sup>	Brick <sup>8</sup>	Limburger <sup>8</sup>		Butter div. by butter	Butter div. by cheese		
	\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	\$	%	%				
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60				
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3		
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9		
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1		
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5		
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5		
1916	1.54	1.59	1.42	1.63	1.69	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	50.7		
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3		
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7		
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	67.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9		
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6		
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.0	18.8	5.45	44.2		
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.0	16.9	17.8	4.35	49.2		
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	48.2		
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2		
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8		
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2		
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.56	45.8	22.7	28.0	21.4	20.2	4.70	49.6		
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0		
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	18.1	19.5	4.30	46.0		
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	46.4		
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.30	46.1		
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5		
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0		
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4		
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.8	13.8	13.8	2.91	49.9		
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9		
1937	1.59	1.48	1.51	1.63	1.85	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8		
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2		
January	1.62	1.50	1.54	1.69	2.02	93	95	104	135	39.4	34.1	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2		
February	1.49	1.37	1.42	1.54	1.88	92	95	103	126	36.3	31.1	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6		
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.1	31.1	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	46.9		
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.3	29.7	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	47.0		
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.7	27.5	25.1	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1		
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.2	26.7	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0		
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.2	26.7	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0		
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.2	24.2	21.6	1.56	25.4	12.0	17.5	11.8	11.5	3.00	47.1		
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.2	24.1	21.6	1.56	25.5	10.8	16.8	10.4	12.0	2.90	42.2		
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.2	24.4	21.7	1.55	25.5	11.0	14.0	10.4	10.8	2.90	43.1		
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.2	24.4	21.7	1.55	25.5	11.0	14.6	12.8	11.8	2.90	47.0		
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.2	27.5	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4		
1939	1.08*	1.00*	.98*	1.11*	1.44*	93*	91*	103*	131*	25.1	23.1	21.5	1.39*	22.8	11.9	17.0	10.8	11.1	2.90	52.2		
January	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.1	26.1	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5		
February	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.1	26.1	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	46.1		
March	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.2	25.2	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	48.0		
April	1.06	.96	.96	1.08	1.45	91	91	102	137	25.2	23.2	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	50.7		
May	1.08*	1.00*	.98*	1.11*	1.44*	93*	91*	103*	131*	25.1	23.1	21.5	1.39*	22.8	11.9	17.0	10.8	11.1	2.90	52.2		

<sup>1</sup> For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.  
<sup>2</sup> Quotations are the average for the month as reported by Wisconsin crop correspondents.  
<sup>3</sup> Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.  
<sup>4</sup> Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.  
<sup>5</sup> All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>6</sup> Wholesale price of 92-score butter at Chicago.  
<sup>7</sup> Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on dairies, thereafter on twins.  
<sup>8</sup> Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.  
<sup>9</sup> Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.  
<sup>10</sup> Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920, incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14 1/4 oz. in January, 1931.  
<sup>11</sup> Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.  
<sup>12</sup> Preliminary.

cent smaller than a year ago and the barley crop will probably be smaller than last year in spite of a marked increase in acreage.

Stocks of barley on farms are much larger than a year ago. For Wisconsin the stocks are estimated at 4,857,000 bushels, which is more than a million bushels above a year ago, and for the United States barley stocks are estimated at 52 million bushels, which is about 20 million bushels more than a year ago. Rye stocks too are larger both in this state and for the country as a whole.

Fruit Prospects Above Average

Unlike a year ago when prospects for fruit production were generally poor, this year's outlook is for fairly good production of some of the common fruit crops. Both the apple and

the cherry crops are expected to be above average. Present estimates indicate that Wisconsin's cherry crop will

Grain Stocks on Farms June 1

(Thousand Bushels)

Crop	1939		1938		Percent of Previous Year's Crop	
	1939	1938	1939	1938	1939	1938
Wisconsin						
Barley.....	4,857	3,744	20	17		
Rye.....	1,544	1,056	36	23		
United States						
Barley.....	52,098	31,565	20.7	14.3		
Rye.....	15,682	8,814	28.5	17.7		

be somewhat larger than last year. The United States' cherry crop is expected to be about 40,000 tons above last year and considerably above average owing to good prospects in Michigan and New York. Strawberry prospects are for a fairly large production. The Wisconsin crop is now estimated at 248,000 cases, which is 48,000 cases more than the estimated harvest of last year.

1938 Wisconsin Dairy Manufactures

Wisconsin factories produced more butter and cheese last year than in any other year on record. A new high point in creamery butter production of 188,933,000 pounds was made in the state last year; this is 8 percent higher than in 1937 and 7 percent above the previous record made in 1931. Cheese production in the state totaled 365,-

215,000 pounds last year, which was 12.6 percent more than the output in 1937 and a new record for the state.

Condensery products in which Wisconsin has long been the leading producer also increased last year, but these were only 3.6 percent above the previous year and still far below the condensery record made in 1936. American cheese production, which is Wisconsin's most important type, rose 16 percent in 1938 over 1937. While the total output for the year was nearly 282 million pounds, it was still a little below the production of this type in the record year of 1925.

Swiss cheese production in the state last year exceeded 29 million pounds and it was 6 percent above the previous year. Brick and Munster cheese production last year was smaller than in 1937—the total production being 31,430,000 pounds. Of all the different types of cheese, Italian is at present making the most rapid growth. The production of this type of cheese in the state last year increased 25 percent—the total for the year being over 7 million pounds. The production of Italian cheese in Wisconsin exceeds the Limburger output. Cream cheese production declined sharply during the past year.

**Wisconsin June Milk Production**

Compared with a year ago larger numbers of milk cows offset slightly

reduced milk production per cow and resulted in an increase of more than 2 percent in milk production per farm. On June 1 milk produced per cow in herd was 1 percent less than a year ago, but the increase in cow numbers was almost 3 percent. The seasonal increase in milk production this year is slightly higher than usual from May 1 to June 1. While rains have improved pastures since June 1, dairy correspondents were then obtaining 92 percent of the total feed of milk cows from pasture compared with 94 percent a year ago. In spite of low milk prices, farmers were feeding 1.81 pounds of grain and concentrates per cow in herd on June 1, which is the highest recorded since the drought of 1934 for that date and compares with 1.30 pounds on the same date a year ago. The number of calves being raised on dairy correspondents' farms has risen again until it is higher than a year ago.

**United States Milk Production**

In spite of poor pastures in many areas, milk production increased seasonally during May, and on June 1 was approaching the seasonal peak of production at a record high level. Milk production per cow on June 1 in herds kept by crop correspondents averaged about the same as the record high June 1 production per cow at this

season a year ago. With the number of milk cows on farms on June 1 probably nearly 2 percent greater than at this time last year, total milk production appears to have been up in about the same proportion. This represents a record high production of milk for June 1, both on a total and on a per capita basis. Looking ahead, however, with pastures in need of rain and carrying a smaller reserve of feed than usual and with prices not particularly favorable for liberal grain feeding, somewhat more than the usual seasonal decline in milk production may be in prospect as the summer advances.

The abundant supply of feed grain on farms appears to have been drawn on rather generally to offset the influence of poor pastures. On May 1, the quantity of grain fed per milk cow in herds kept by dairy correspondents averaged the highest for that date since 1931, and reports for June 1, available in a limited number of principal dairy states, indicate rather heavy feeding for that time of the year also.

In all major geographic regions, milk production per cow in herds kept by crop correspondents averaged very close to that of a year earlier, ranging from 2 percent lower in the Atlantic Coast regions to 1 percent higher in the Western group of states. In comparison with the 1928-37 average for that date, however, production per cow on June 1 this year was generally on a high plane, ranging from 3 percent above average in the East North Central group of states to 12 percent above in the Western group.

For the country as a whole, milk production per cow in herds kept by crop correspondents on June 1 averaged 17.98 pounds compared with 17.99 pounds a year ago and a 1928-37 average of 16.98 pounds for June 1. In these herds, 77.4 percent of the milk cows were reported milked, the same as on June 1, 1938, but otherwise the highest for that date in the 15 years of record.

**Wisconsin Egg Production**

In this state laying flocks and egg production were slightly higher on June 1 than a year ago according to crop correspondents. Chicken and egg prices in May were lower than a year ago while poultry feed costs increased a small amount. Reported numbers of chicks per farm are about the same as last year.

Farm laying flocks averaged about 84.5 birds on June 1, or 1 percent larger than last year and nearly 2 percent larger than the 10-year average. Reported egg production per farm was 2 percent above June 1 of last year and over 4 percent above average. Farm egg prices in Wisconsin averaged 14.4 cents a dozen in mid-May compared with 17.9 cents a year before and the 5-year average. A Wisconsin ration in May was valued at \$11.51 per 1,000 pounds.

**United States Egg Production**

Compared with a year ago larger laying flocks and higher egg production per farm were reported on June 1 by United States crop correspondents. Indications for the country are that 3 percent more young chickens were in farm flocks than a year ago. Thus laying flocks next season are likely to be larger. Although the rate of laying was lower than last year, it was 4 percent above the 10-year average.

The preliminary hatchery report for May indicates larger commercial hatchings than a year ago but advance orders are decreasing. More turkey eggs were set and more poult were hatched by the commercial hatcheries this year than a year ago.

**Wisconsin Farm Prices**

A higher average price for milk in May than in April was contrary to the usual seasonal trend during these months. The preliminary average price

**Wisconsin Dairy Manufactures**

Item	1936 (000 omitted)	1937 (000 omitted)	1938 <sup>1</sup> (000 omitted)	1938/1937 Percent Change
<b>Creamery Butter</b> .....lbs.	171,400	175,659	188,933	+ 7.6
<b>Cheese</b>				
<b>American</b> .....lbs.	270,193	243,003	281,977	+16.0
Swiss (including block).....lbs.	27,993	27,676	29,377	+ 6.1
Munster.....lbs.	7,456	7,014	8,065	+15.0
Brick.....lbs.	28,008	25,441	23,365	- 8.2
Brick and Munster.....lbs.	35,464	32,455	31,430	- 8.2
Limburger.....lbs.	8,792	5,350	6,288	+17.5
Italian (all).....lbs.	5,906	5,811	7,238	+24.6
Neufchatel.....lbs.				
Cream.....lbs.	8,359	9,278	8,308	-10.5
Cream and Neufchatel.....lbs.	8,359	9,278	8,308	-10.5
All other cheese (not cottage, pot and bakers).....lbs.	762	763	597	-21.8
<b>Total Cheese (excluding cottage, pot and bakers)</b> .....lbs.	357,469	324,336	365,215	+12.6
Cottage, pot and bakers'.....lbs.	7,436	9,579	8,288	-13.5
<b>Condensery Products</b>				
Sweetened condensed whole (case).....lbs.	1,121	2,934	1,458	-50.3
Sweetened condensed whole (bulk).....lbs.	8,293	9,093	8,327	- 8.4
<b>Total sweetened condensed whole milk</b> .....lbs.	9,414	12,027	9,785	-18.6
Unsweetened condensed whole milk (bulk).....lbs.	9,389	9,962	15,113	+51.7
<b>Total condensed whole milk</b> .....lbs.	18,803	21,989	24,898	+13.2
<b>Evaporated whole unsweetened (case)</b> .....lbs.	772,243	653,875	675,122	+ 3.2
<b>Total condensed and evaporated whole (case)</b> .....lbs.	773,364	656,809	676,580	+ 3.0
<b>Total condensed whole sweetened and unsweetened (bulk)</b> .....lbs.	17,682	19,055	23,440	+23.0
<b>Total condensed and evaporated whole milk</b> .....*lbs.	791,046	675,864	700,020	+ 3.6
<b>Total sweetened condensed skim milk</b> .....lbs.	28,666	33,661	22,637	-32.8
Unsweetened condensed skim (bulk).....lbs.	16,328	24,774	20,527	-17.1
<b>Total condensed skim milk</b> .....*lbs.	44,994	58,435	43,164	-26.1
Concentrated skim (animal feed).....*lbs.	2,111	331	53	-84.0
Concentrated or evaporated buttermilk.....*lbs.	68	112	109	- 2.7
Dried or powdered skim milk.....*lbs.	88,120	89,489	112,603	+25.8
Dried or powdered whole milk.....*lbs.	6,436	5,020	8,939	+78.1
Dried or powdered cream.....*lbs.	48	0	8	-----
Dried or powdered buttermilk.....*lbs.	8,106	8,801	9,855	+12.0
Dried or powdered whey.....*lbs.	1,383	9,694	8,113	-16.3
Malted milk.....*lbs.	15,184	17,090	12,805	-25.1
<b>Total Condensery Products</b> .....lbs.	957,496	864,836	895,669	+ 3.6
Casein (in terms of dry).....lbs.	15,653	24,910	16,926	-32.1
Ice cream.....gals.	7,481	9,143	8,646	- 5.4
Ice cream mix.....gals.	4,393	5,215	5,018	- 3.8
Ice cream mix shipped out.....gals.	301	631	144	-77.2
Milk shipped out.....lbs.	248,683	244,864	235,207	- 3.9
Cream shipped out (including whey).....lbs.	68,147	70,159	65,279	- 7.0

\* Items included in total condensery products.

<sup>1</sup> Preliminary.

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>														
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
	Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>4</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>5</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>6</sup>	Index numbers of Wisconsin farm real estate values <sup>7</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>8</sup>	Purchasing power (Column 14 divided by column 22) <sup>9</sup>	Index number of U. S. farm real estate value <sup>10</sup>				
1910.....	99	99	101	101	98	103	84	100	103	98	101	100	-----	102	104	103	99	104	101	-----	113	98	104	-----	101	101	94	-----
1911.....	91	92	111	85	90	91	99	100	118	98	93	92	-----	95	96	87	95	91	102	-----	101	101	100	-----	87	100	100	-----
1912.....	102	101	111	95	103	101	117	90	111	101	101	102	97	100	106	95	102	100	94	-----	87	100	100	-----	100	100	103	-----
1913.....	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	-----	97	101	100	-----	100	100	103	-----
1914.....	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	-----	85	100	101	-----	100	101	103	-----
1915.....	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	82	-----	77	105	93	-----	103	103	108	-----
1916.....	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	-----	119	124	95	-----	108	108	113	-----
1917.....	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	-----	117	117	129	-----
1918.....	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	-----	129	129	139	-----
1919.....	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	247	202	105	-----	140	140	170	-----
1920.....	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	248	201	105	-----	170	170	187	-----
1921.....	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	-----	101	152	82	-----	157	157	163	-----
1922.....	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	-----	156	149	89	-----	139	139	153	-----
1923.....	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	-----	216	152	93	-----	135	135	143	-----
1924.....	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	-----	150	212	94	-----	130	130	143	-----
1925.....	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	-----	177	157	99	-----	127	127	142	-----
1926.....	151	152	114	145	150	158	216	126	119	154	98	97	125	145	131	147	152	159	138	-----	143	172	155	-----	124	124	139	-----
1927.....	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	-----	121	128	153	-----	119	119	127	-----
1928.....	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	-----	159	152	96	-----	117	117	129	-----
1929.....	155	148	116	162	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	-----	149	144	153	-----	116	116	133	-----
1930.....	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	-----	140	102	145	-----	115	115	125	-----
1931.....	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	92	108	100	98	-----	117	63	124	-----	106	106	116	-----
1932.....	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	-----	102	107	61	-----	89	89	96	-----
1933.....	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	-----	105	64	109	-----	73	73	76	-----
1934.....	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	-----	102	99	123	-----	70	70	77	-----
1935.....	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	-----	127	101	125	-----	79	79	85	-----
1936.....	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	-----	113	100	124	-----	82	82	88	-----
1937.....	125	124	124	127	125	109	137	137	98	135	83	93	89	121	126	132	124	111	122	-----	95	130	93	-----	85	85	91	-----
1938.....	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	-----	105	70	123	-----	85	85	91	-----
Jan.....	117	107	95	108	128	111	113	115	86	131	89	98	-----	102	91	110	128	113	70	-----	105	66	126	-----	81	81	88	-----
Feb.....	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	-----	111	68	126	-----	77	77	83	-----
Mar.....	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	69	-----	101	70	125	-----	77	77	83	-----
Apr.....	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	-----	98	71	125	-----	75	75	81	-----
May.....	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	77	-----	88	71	125	-----	74	74	80	-----
June.....	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	73	-----	92	68	124	-----	74	74	80	-----
July.....	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	-----	99	71	123	-----	77	77	83	-----
Aug.....	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	-----	92	69	122	-----	75	75	81	-----
Sept.....	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	-----	107	69	121	-----	79	79	85	-----
Oct.....	98	102	69	106	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	-----	107	72	121	-----	79	79	85	-----
Nov.....	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	111	109	131	71	-----	102	73	121	-----	78	78	84	-----
Dec.....	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	109	112	127	73	-----	108	70	120	-----	80	80	86	-----
1939.....													86							-----				-----				84
Jan.....	97	97	71	105	97	89	106	85	70	123	79	79	-----	94	66	112	109	97	76	-----	96	71	120	-----	78	78	84	-----
Feb.....	97	100	70	110	94	86	105	85	72	122	80	77	-----	92	66	116	107	91	78	-----	108	70	120	-----	77	77	83	-----
Mar.....	94	100	70	110	89	86	106	85	68	122	77	73	-----	91	66	116	100	88	81	-----	114	71	120	-----	76	76	82	-----
Apr.....	91	97	70	106	84	86	105	85	67	122 <sup>10</sup>	75 <sup>10</sup>	69 <sup>10</sup>	-----	89	67	114	95	87	82	-----	102	70	120	-----	74	74	80	-----
May.....	91 <sup>10</sup>	96	74	104	85 <sup>10</sup>	82	106	85	69	122 <sup>10</sup>	75 <sup>10</sup>	70 <sup>10</sup>	-----	90	72	112	92	85	85	-----	110	72	120	-----	75	75	81	-----

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>Average of estimated values, 1912-14=100. <sup>8</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup>Preliminary.

reported for all milk was \$1.08 per hundredweight in May compared with \$1.06 per hundredweight in April, but May prices were 15 cents per hundred lower than a year ago. Prices of milk delivered to market milk establishments declined due to reductions in base prices in some markets and probably a somewhat higher percentage of surplus milk. The other outlets, however, made advances.

From April to May, Wisconsin's farm price index was unchanged at 91 percent of the pre-war base while a year ago it was exactly at 100. Price groups showing increases from April to May were as follows: grain, 4 points; unclassified, 2 points; cash crops, 1 point; and milk, 1 point. Offsetting these increases were a 4-point decline in poultry products and a 2-point decline in the livestock group. All price groups were lower than a year ago. For May the index of prices paid by the state's

farmers for commodities bought was unchanged at 122 percent of pre-war but 7 points lower than in May a year ago. Purchasing power of farmers in Wisconsin was computed at 75 percent of pre-war both in April and May compared with 78 percent of pre-war in May last year.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service

WISCONSIN DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

Federal-State Crop Reporting Service

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## IN THIS ISSUE

### July Crop Report

Crop conditions improved materially during June and present indications are that farmers in Wisconsin will harvest crops larger than average although not as large as were harvested a year ago.

### Grain Stocks on Farms

More than an average amount of old grain is being held by farmers throughout the nation as well as by farmers in Wisconsin.

### Spring Pig Crop

Wisconsin's spring pig crop was the largest reported in the past 10 years, and the number of sows to farrow in the fall is expected to be the largest since 1927.

### July Milk Production

Milk production on Wisconsin farms at the beginning of July was above a year ago although there appears to be no change in the number of milk cows.

### Egg Production

The decreased rate of laying was offset by an increase in the size of farm flocks and total egg production for the state on July 1 was slightly more than for that date last year. Both chicken and egg prices last month averaged below June 1938.

### Current Changes

Business indicators show some gains in recent months, and many are above the levels of a year ago. Stocks of butter are larger than July 1 of last year but cheese stocks are lower. Hog slaughterings were the largest for June since 1934.

### Prices of Farm Products

The general level of farm prices is lower than a year ago, and the purchasing power of the Wisconsin farm dollar last month was less than that for June of last year.

### Wages of Farm Labor

Wages paid laborers by Wisconsin farmers are lower than a year ago. A decrease in total farm employment is also shown.

CROP conditions improved generally during the past month in Wisconsin as well as for the nation as a whole. Prospects for many Wisconsin crops, particularly those raised for feed, are not as favorable as they were a year ago, but present estimates indicate that in most instances farmers in the state will harvest crops larger than the average of recent years.

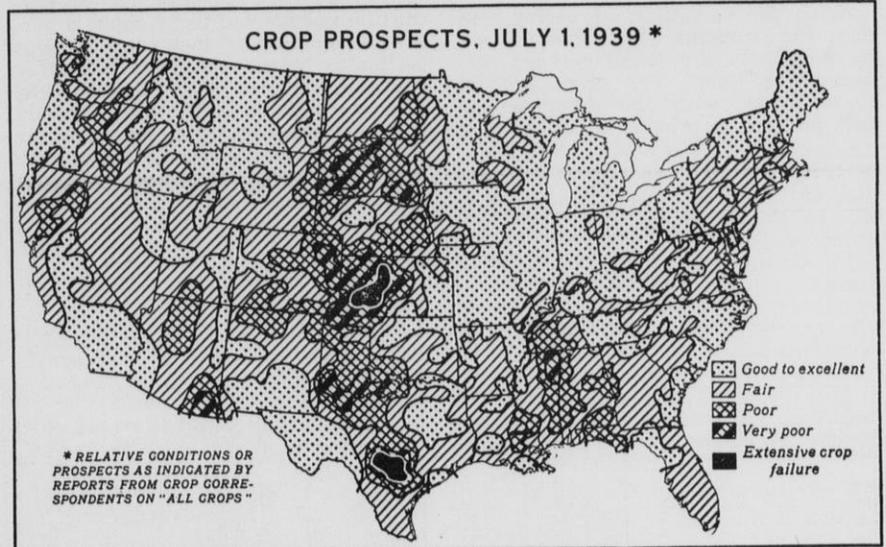
Spring plantings were late in many parts of the state this year and it is expected that this will have an effect in decreasing the yields of some crops. Too, dry weather during part of May retarded the growth of winter grains, hay, and pasture. Weather conditions have varied in the state during the past month,—in the northern part farmers report that there was too much rain, and in the southern part of Wisconsin crops would be in danger with any prolonged period of hot weather.

Present indications are that Wisconsin will have a good corn crop this year although it will not be as large as the one last year. Estimates show that farmers in the state planted about 2,257,000 acres of corn this year, which is 4 percent below the acreage reported last year. Although the corn crop is expected to be about 10 percent smaller than the large

## Weather Summary, June 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	June 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	39	84	57.2	67.2	4.34	3.91	+1.14
Spooner.....	41	92	65.4	64.1	4.93	3.94	+2.18
Park Falls.....	42	93	65.6	62.8	12.59	4.68	+9.30
Rhineland.....	41	88	62.8	62.7	8.22	4.88	+9.56
Wausau.....	42	88	66.8	64.7	5.67	4.15	+5.07
Marinette.....	43	90	66.1	66.5	4.92	3.16	+1.22
Escanaba.....	44	82	62.2	60.7	4.34	3.22	+2.94
Minneapolis.....	45	92	68.6	57.5	4.95	4.22	-0.11
Eau Claire.....	43	95	69.2	66.9	7.58	4.72	+0.58
La Crosse.....	48	92	70.3	68.3	1.89	4.07	-4.03
Hancock.....	39	89	67.2	66.3	5.41	4.47	-2.12
Oshkosh.....	42	89	67.2	66.3	3.77	3.94	-0.82
Green Bay.....	44	87	67.0	64.9	4.56	3.70	-2.19
Manitowoc.....	44	85	64.8	62.1	3.80	3.30	-2.02
Dubuque.....	47	94	71.8	69.4	5.17	4.31	-1.98
Madison.....	49	91	69.8	67.2	2.33	3.76	-3.25
Beloit.....	44	93	71.4	68.0	4.63	4.05	+1.68
Milwaukee.....	46	93	68.0	63.9	3.50	3.40	-2.37

crop of last year, present estimates indicate that over 81 million bushels will be harvested in the state this year. This will be about 10 million bushels more than the average production of the 10 years, 1928-37.



Marked improvement occurred in crop prospects during June which reflected the changes in weather conditions. Growing conditions on July 1 appeared favorable over most of the country except that there were some excessively wet areas in the central South and rain was badly needed for late non-irrigated crops in a large southwestern area that extends northward through Colorado into southern Wyoming and eastward in southern Texas and western Kansas.

Crop Summary of Wisconsin for July 1, 1939

Crop	Acreage			Production					Unit	Yield per Acre		
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	July 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of			Indicated 1939	1938	10-year average 1928-37
							1938	10-year average				
Corn.....	2,257,000	2,351,000	- 4.0	81,252,000	90,514,000	71,042,000	89.8	114.4	Bus.	36.0	38.5	31.8
Potatoes.....	206,000	212,000	- 2.8	19,570,000	19,080,000	23,380,000	102.6	83.7	Bus.	95	90	88
Tobacco.....	23,500	24,700	- 4.9	32,710,000	32,710,000	32,098,000	100.0	101.9	Lbs.	1392	1324	1316
Oats.....	2,234,000	2,455,000	- 9.0	71,488,000	76,105,000	78,017,000	93.9	91.6	Bus.	32.0	31.0	31.5
Barley.....	794,000	771,000	+ 3.0	22,232,000	24,286,000	21,260,000	91.5	104.6	Bus.	28.0	31.5	27.4
Rye.....	251,000	330,000	- 23.9	2,761,000	4,290,000	2,515,000	64.4	109.8	Bus.	11.0	13.0	10.8
Winter wheat.....	41,000	67,000	- 38.8	656,000	1,106,000	578,000	59.3	113.5	Bus.	16.0	16.5	17.6
Spring wheat.....	50,000	53,000	- 5.7	825,000	901,000	1,245,000	91.6	66.3	Bus.	16.5	17.0	16.8
All tame hay.....	3,921,000	3,655,000	+ 7.3	5,882,000	6,479,000	4,429,000	90.8	132.8	Tons	1.50	1.77	1.37
Alfalfa hay.....	1,175,000	1,199,000	- 2.0	2,232,000	2,758,000	1,114,000	80.9	200.4	Tons	1.90	2.30	1.95
Clover and timothy hay.....	2,268,000	2,007,000	+ 13.0	3,062,000	3,010,000	2,816,000	101.7	108.7	Tons	1.35	1.50	1.25
Other tame hay.....	478,000	449,000	+ 6.5	588,000	711,000	499,000	82.7	117.8	Tons	1.23	1.58	
Wild hay.....	166,000	184,000	- 9.8	166,000	184,000	273,000	90.2	60.8	Tons	1.00	1.00	.98
Dry peas.....	8,000	6,000	+ 33.3		84,000	273,500			Bus.		14.0	13.5
Dry beans.....	1,000	2,000	- 50.0	4,000	8,000	24,000	50.0	16.7	Cwt.	3.8	4.2	3.97
Flax.....	13,000	4,000	+225.0	136,000	44,000	64,000	309.1	212.5	Bus.	10.5	11.0	10.8
Canning peas.....	68,600 <sup>1</sup>	102,300	- 32.9	94,660,000	198,400,000	145,524,000	47.7	65.0	Lbs.	1380	1940	1401
Sugar beets.....	17,200	14,400	+ 19.4	172,000	163,000	103,530	105.5	166.1	Tons	10.0	11.3	8.3
Cherries.....				9,070	8,600	8,699	105.5	104.3	Tons	63.1	61.1	67.2
Pasture.....										88.1	87.1	76.1

<sup>1</sup> July 1 condition.

<sup>2</sup> 9-year average, 1929-37.

<sup>3</sup> Planted acreage.

Although the tame hay acreage is more than 7 percent larger than was estimated for last year, it is expected that hay production in the state will be about 9 percent below the record crop of 1938. About 5,882,000 tons of hay are expected for the state this year which will be a crop almost a third larger than average. A small decrease in the acreage of alfalfa is noted but there has been a large increase in the acreage of clover and timothy as compared with that of a year ago.

Acreage of Grain Smaller

With the exception of barley and flax, the acreages of all grain crops in Wisconsin are smaller than estimated for 1938. The production of these crops, with the exception of oats and spring wheat, is larger than

the average of recent years. In spite of some unfavorable weather, the yields of most grain crops are about average.

Wisconsin's oat acreage is estimated at 2,234,000 acres, which is about 9 percent below that of last year. Although the yield per acre is expected to be slightly more than last year, it is expected that the production of about 71½ million bushels will be nearly 6 percent below the production of 1938 and more than 8 percent below average.

Some increase is noted for the barley acreage in Wisconsin but the production is expected to be about 8 percent below that of last year. Present estimates show the state's barley production at over 22 million bushels. The rye acreage in the state is only three-fourths the size reported for

Wisconsin last year, and present indications are that about 2.8 million bushels will be harvested, which is a decrease in production of about 35 percent as compared with that of last year. A decrease of more than 39 percent in the acreage of winter wheat and a lower yield per acre is reported for Wisconsin this year compared with last year. The spring wheat acreage is also smaller than a year ago. Present estimates show that the production of winter wheat will be 656,000 bushels and about 825,000 bushels of spring wheat will be harvested in the state.

The production of some of the cash crops raised in Wisconsin is expected to be larger than last year. The Wisconsin potato crop is now estimated at more than 19½ million bushels which is about 2.6 percent above the

Crop Summary of the United States for July 1, 1939

Crop	Acreage (000 omitted)			Production (000 omitted)			1939 Production as a percent of		Unit	Yield per Acre		
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	July 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of			Indicated 1939	1938	10-year average 1928-37
							1938	10-year average				
Corn.....	90,734	91,792	- 1.2	2,570,795	2,542,238	2,309,674	101.1	111.3	Bus.	28.3	27.7	23.0
Potatoes.....	3,074.3	3,019.6	+ 1.8	366,074	371,617	372,258	98.5	98.3	Bus.	119.1	123.1	111.4
Tobacco.....	1,802.5	1,602.8	+ 12.5	1,654,622	1,378,534	1,360,400	120.0	121.6	Lbs.	918.0	860.1	803.2
Oats.....	33,574	35,477	- 5.4	872,823	1,053,839	1,049,300	82.8	83.2	Bus.	26.0	29.7	27.7
Barley.....	12,546	10,513	+ 19.3	245,886	252,139	233,021	97.5	105.5	Bus.	19.6	24.0	20.7
Rye.....	4,100	3,979	+ 3.0	41,486	55,039	36,330	75.4	114.2	Bus.	10.1	13.8	11.1
Winter wheat.....	38,572	49,711	- 22.4	537,767	686,637	560,160	78.3	96.0	Bus.	13.9	13.8	14.5
Durum wheat.....	3,095	3,545	- 12.7	30,890	40,445	35,076	76.4	88.1	Bus.	10.0	11.4	9.4
Spring wheat other than durum.....	13,333	16,965	- 21.4	147,998	203,719	157,716	72.6	93.8	Bus.	11.1	12.0	10.9
Flax.....	2,034	954	+113.2	15,398	8,171	11,943	188.4	128.9	Bus.	7.6	8.6	5.9
Tame hay.....	57,801	56,309	+ 2.6	72,794	80,299	68,765	90.7	105.9	Tons	1.26	1.43	1.24
Wild hay.....	11,386	11,774	- 3.3	8,856	10,444	9,414	84.8	94.1	Tons	.78	.89	.76
Pasture.....										78.1	86.1	73.1

<sup>1</sup> July 1 condition.

crop harvested in 1938. The potato acreage in the state is somewhat smaller but the yield per acre is expected to be above that reported for last year. Although the tobacco acreage is about 5 percent less than estimates showed for the state last year, the production of over 32.7 million pounds is expected this year, which is the same as the production reported for 1938. Wisconsin's flax acreage and production are more than three times that of 1938. Sugar beet production this year is estimated at 172,000 tons, or about 9,000 tons more than harvested last year.

**United States Crops**

For the United States, crop prospects improved during June reflecting the change in weather conditions. During the month more than normal rainfall was reported and temperatures were more seasonal over most of the area that was feeling the pinch of acute drought conditions in the latter part of May materially changed the situation. Considering all crops, the total production is now expected to be close to what was the usual level before recent droughts. The total acreage for harvest probably will be about 6 percent below the pre-drought average.

Estimates at the beginning of the month indicate that the nation's corn crop may be somewhat larger than harvested last year, but some decrease is shown for the wheat crop although it will be about average. Oat production is expected to about 17 percent below that of last year which was about average. Some decrease is noted in the production of barley, and rye production is expected to be considerably smaller than the crop harvested last year.

**Stocks of Grain on Farms**

Supplies of old grain on farms throughout the nation as well as in Wisconsin are considerably larger than the average reported for recent years.

More than 10 million bushels of corn are being held by Wisconsin farmers, according to July 1 estimates. Last year estimates showed that less than 5 million bushels were on Wisconsin farms, and the average holdings for the 10 years, 1928-37, is about 3 million bushels.

Nearly 13 million bushels of oats were on Wisconsin farms at the beginning of the month. These stocks were about 5 million bushels larger than those reported for July 1, 1938, and nearly 3 million bushels above average. About 482,000 bushels of wheat were reported by farmers in the state as compared with 409,000 bushels a year ago.

Reports of farmers throughout the nation indicate that stocks of corn on July 1 were nearly 837 million bushels compared with about 643 million bushels a year ago, and about 376 million bushels reported as the 10-year average. Oat stocks on July 1 were estimated at nearly 185 million bushels which are below those of a

**Spring and Fall Pig Crops**

(000 omitted)

	Spring		Fall		Total No. Pigs Saved Spring and Fall
	Sows Farrowed	Pigs Saved	Sows Farrowed	Pigs Saved	
<b>WISCONSIN</b>					
10-year average, 1928-37	263	1,687	122	794	2,481
1937	247	1,667	121	817	2,484
1938	267	1,829	141	953	2,782
1939	318	2,067	166 <sup>1</sup>		
<b>CORN BELT<sup>2</sup></b>					
10-year average, 1928-37	6,088	36,052	2,768	16,924	52,976
1937	4,294	27,490	2,190	13,951	41,441
1938	4,802	31,450	2,540	16,522	47,972
1939	6,130	38,095	3,003 <sup>1</sup>		
<b>UNITED STATES</b>					
10-year average, 1928-37	7,863	46,257	4,230	25,499	71,756
1937	6,165	38,424	3,753	23,422	61,846
1938	6,827	43,450	4,372	27,651	71,101
1939	8,548	52,314	5,092 <sup>1</sup>		

<sup>1</sup> Estimates based on intentions of farmers as reported in the June Pig Survey and subject to revision.

<sup>2</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas.

year ago but somewhat above average. Wheat stocks are estimated at nearly 91 million bushels. Last year farmers throughout the nation reported about 59 million bushels of wheat. The average farm stocks of wheat on July 1 are reported at about 51 million bushels.

**Grain Stocks on Farms**

(July 1 estimates)

Crop	Thousand Bushels on Hand			Percent of Previous Year's Crop		
	1939	1938	Av. 1928-37	1939	1938	Av. 1928-37
	Wisconsin					
Corn <sup>1</sup>	10,118	4,802	3,038	24.0	15.0	11.1
Oats	12,938	7,936	10,038	17.0	10.0	12.8
Wheat	482	409	302	24.0	20.0	16.0
United States						
Corn <sup>1</sup>	836,921	642,922	376,299	36.8	27.4	18.7
Oats	184,877	196,065	146,171	17.5	16.9	13.9
Wheat	90,838	59,113	51,212	9.8	6.8	7.0

<sup>1</sup>Data are based on corn for grain.

**Spring Pig Crop Large**

More spring pigs were raised on Wisconsin farms this year than in any other year since 1929, and estimates show that the number of sows to farrow this fall is expected to be the largest since 1927. The spring pig crop for the entire nation is 20 percent larger than that of last year and the third largest one since 1923. Fall farrowings for the United States are expected to increase 16 percent as compared with the number of sows which farrowed in the fall of 1938.

Wisconsin's spring pig crop is estimated at 2,067,000 head this year. This is an increase of 13 percent as compared with 1,829,000 pigs raised last year. As compared with the 10-year average, 1928-37, this year's spring pig crop is nearly 400,000 head larger.

The number of sows farrowing on Wisconsin farms this spring is estimated at 318,000 head, which is 19 percent greater than the number of sows farrowing in the spring of 1938. It was this increase in the number of sows farrowing which caused the in-

crease in the size of the spring pig crop—the number of pigs per litter this year was smaller than that reported last year. The average litter this year consisted of 6.5 spring pigs compared with 6.85 pigs reported as the average for last year.

**More Fall Pigs Expected**

About 166,000 sows are expected to farrow on Wisconsin farms this fall. Compared with the number of sows which farrowed last fall, the number this year will be about 18 percent larger. If these farrowing intentions are carried out by farmers in the state, the number of sows farrowing in the fall will be 44,000 head more than the 10-year average.

With a large increase in the number of spring pigs raised in the Corn Belt this year, the nation's spring pig crop is estimated at 52,314,000 head compared with 43,450,000 raised a year ago. An increase of 21 percent in the number of spring pigs raised in the Corn Belt is reported. The increase for the entire nation is 20 percent.

Reports from farmers throughout the United States indicate that the number of sows to farrow in the fall will be 5,092,000 head, which will be an increase of 16 percent as compared with the number which farrowed in the fall of 1938. Assuming an average number of pigs per litter this fall equal to that for the 10 years, 1928-37, the combined pig crops, spring and fall, would be about 83 million head. If these estimates materialize, the nation's pig crop this year would be 17 percent larger than that reported for 1938.

Estimates of the pig crops for recent years together with the indicated farrowing intentions for the fall of 1939 are shown in the accompanying table.

**Wisconsin July Milk Production**

Having passed the month of peak milk production for 1939, a review of the first half of the year shows that milk production has exceeded the record for the first 6 months of 1938 by almost 2 percent. Prospects appear

Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Wisconsin													Milk Cow Prices					Index Numbers of Prices Paid by Wis. Farmers <sup>1</sup>							
	Dairy Ration Cost			Poultry Ration Cost			Index Numbers of Feed Prices 1910-14=100							Wisconsin		United States			Commodities bought for use in farm family maintenance (1910-14=100)			Commodities bought for use in farm production (1910-14=100)				
	Cost per 1000 lbs. <sup>1</sup>	Index (1910-14=100)	Pounds, 100 lbs. of milk would buy <sup>2</sup>	Value—1000 lbs. <sup>3</sup>	Index (1910-14=100)	Pounds of feed 10 doz. eggs will buy <sup>4</sup>	Dozens of eggs required to buy 1000 lbs. of rations <sup>5</sup>	All feeds <sup>6</sup>	Mill feeds <sup>6</sup>	Protein feeds <sup>6</sup>	Feed grains, whole and ground <sup>6</sup>	Other feeds <sup>6</sup>	Price inde. (1910-14=100) <sup>7a</sup>	Milk required to buy a cow <sup>1</sup>	Butterfat required to buy a cow <sup>1</sup>	Price index (1910-14=100) <sup>7a</sup>	Butterfat required to buy a cow <sup>1</sup>	All family maintenance <sup>8</sup>	Food	Clothing	Furniture and furnishings	All farm production <sup>9</sup>	Farm machinery	Fertilizer	Seeds <sup>10</sup>	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	100	98	81	35	142	86	161	98	96	97	101	99	103	100	-----
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	100	87	41	173	89	188	97	96	97	101	100	103	102	-----
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	110	105	92	38	161	93	171	99	98	98	99	104	97	100	108
1913	11.36	88	117	85	11.58	92.3	182	55	92	94	92	90	94	116	47	190	111	200	102	102	102	99	97	98	99	94
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	125	51	223	121	233	104	107	106	100	99	99	99	98
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	116	49	206	118	225	111	108	117	106	106	101	100	122
1916	14.48	113	107	93	15.32	122.1	163	61	112	108	112	122	112	121	42	186	124	207	127	126	135	120	117	110	114	114
1917	21.87	170	98	102	25.75	205.2	132	76	173	161	162	196	178	145	36	171	146	189	151	160	158	142	151	126	120	157
1918	24.08	187	105	95	27.71	220.8	143	70	179	151	192	215	187	165	36	164	169	183	181	181	214	175	172	155	154	232
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	194	37	161	187	173	215	216	271	208	194	161	173	314
1920	26.22	204	99	101	27.84	221.8	168	59	210	205	222	208	215	194	41	166	182	161	224	211	272	252	189	169	184	275
1921	13.08	102	129	77	13.14	104.7	250	40	104	96	128	98	118	108	34	140	120	160	166	146	199	188	132	150	144	132
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	106	34	146	109	149	155	138	181	188	129	134	136	133
1923	15.37	120	136	74	15.42	122.9	189	53	126	122	156	114	135	116	30	133	113	131	160	147	185	194	135	143	143	145
1924	16.24	126	109	92	17.02	135.6	177	56	127	113	144	136	136	119	36	143	113	139	159	143	189	194	137	153	139	160
1925	16.30	127	117	86	18.73	149.2	177	56	128	124	142	139	141	123	35	143	118	138	166	156	190	187	144	154	148	192
1926	14.50	113	131	76	15.87	126.5	197	51	118	111	145	111	120	150	42	176	133	159	164	156	184	183	143	156	143	209
1927	16.13	126	131	76	17.52	139.6	163	61	134	131	149	128	138	167	43	179	151	170	160	154	178	184	145	156	157	228
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	181	191	48	199	183	197	159	153	177	188	146	156	154	201
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	168	126	140	200	53	220	191	208	156	146	175	186	144	156	149	208
1930	14.89	110	116	86	15.00	119.5	161	62	114	105	142	112	122	157	52	218	151	215	146	135	164	179	134	154	145	159
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	106	49	198	104	207	125	106	141	153	116	151	138	156
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	72	44	181	75	207	107	87	118	130	103	141	136	109
1933	9.06	70	108	92	8.64	68.8	167	60	72	67	88	68	80	66	36	155	68	177	105	89	115	120	104	139	124	104
1934	13.61	106	80	125	12.63	100.6	139	72	104	100	112	104	107	67	33	137	66	144	119	104	133	130	124	148	140	139
1935	13.36	104	99	101	14.13	112.6	169	59	106	102	107	111	111	109	44	185	95	167	124	118	133	132	124	152	115	162
1936	14.01	109	108	92	15.52	123.6	147	68	113	108	117	116	117	127	45	189	107	164	124	116	134	134	128	152	108	178
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	125	138	131	135	46	194	115	171	130	120	142	140	140	158	109	258
1938	11.30	88	113	88	11.31	90.7	182	55	91	85	118	84	96	131	55	230	115	216	124	105	137	137	130	163	128	206
Jan.	12.86	100	126	79	12.75	101.6	164	61	104	104	126	92	106	132	44	182	115	170	128	116	140	140	134	160	115	247
Feb.	12.83	100	116	86	12.62	100.6	123	81	102	99	128	92	105	134	48	200	116	187	126	113	138	139	135	160	122	249
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	103	136	53	209	116	191	125	110	137	138	136	161	128	250
Apr.	11.98	93	108	93	11.91	94.9	130	77	95	89	121	89	99	132	55	215	116	211	125	109	137	138	135	163	128	250
May	11.96	93	103	97	11.71	93.3	153	65	94	88	122	89	98	130	57	233	115	226	124	107	137	138	134	165	128	250
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	96	132	59	254	115	240	124	106	137	138	134	166	128	250
July	11.04	86	109	92	11.55	92.0	161	62	89	80	119	86	96	130	58	250	115	234	124	105	137	138	131	165	128	221
Aug.	10.07	78	115	87	10.66	84.9	183	55	81	71	113	78	90	130	60	250	114	232	123	104	137	138	127	164	127	191
Sept.	10.22	80	114	87	10.68	85.1	225	44	82	72	108	80	90	130	60	250	113	232	123	103	137	138	124	163	127	162
Oct.	10.14	79	118	84	10.35	82.5	266	38	80	71	111	76	89	130	58	250	114	231	123	103	137	137	124	163	127	162
Nov.	10.19	79	124	81	10.03	79.9	288	35	82	77	113	72	89	127	54	243	116	228	122	102	138	136	124	163	127	162
Dec.	10.64	83	121	82	10.66	84.9	241	41	87	83	117	75	93	130	54	233	117	214	122	102	138	135	124	163	127	162
1939																										
Jan.	10.97	85	112	89	11.05	88.0	150	67	91	88	120	78	95	130	57	241	119	233	122	101	136	134	124	162	126	160
Feb.	10.80	84	110	91	10.66	84.9	144	70	89	88	114	77	94	134	61	248	121	239	121	100	135	133	125	161	126	157
Mar.	11.02	86	102	98	10.98	87.5	141	71	94	97	115	77	97	134	64	267	121	263	120	99	133	132	125	160	125	155
Apr.	11.29	88	94	107	11.26	89.7	134	75	98	106	115	78	100	132	67	284	119	274	120*	99*	131*					

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN										UNITED STATES			WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>									
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Cheese (lb.)					Evaporated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>10</sup>				
	For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk					American <sup>7</sup>	Swiss <sup>7</sup>	Brick <sup>7</sup>	Limburger <sup>7</sup>	Cheese div. by butter		Butter div. by cheese				
	\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.		\$		%	%		
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	-----	15.5	17.1	14.1	13.3	3.60	-----	-----		
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3	185		
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186		
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208		
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.8	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187		
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197		
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176		
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174		
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7	183		
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9	193		
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6	224		
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.8	18.8	5.45	44.2	226		
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	49.2	203		
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	48.2	207		
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	18.4	17.4	4.40	44.2	226		
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	205		
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2	212		
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	49.6	201		
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208		
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	19.5	4.30	46.0	217		
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	46.4	215		
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	157	28.7	27.0	24.8	1.69	27.0	12.5	21.2	13.5	13.5	3.30	46.1	217		
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5	202		
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0	204		
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.8	10.6	11.2	2.70	47.4	211		
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	49.9	200		
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209		
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8	209		
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2	216		
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	34.	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2	212		
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.	31.	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6	206		
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213		
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213		
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.1	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208		
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213		
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.2	1.56	25.4	12.0	17.5	11.8	11.5	3.00	47.1	212		
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.	27.	24.1	1.60	25.5	10.8	16.8	10.4	12.0	2.90	42.2	237		
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	43.1	232		
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0	213		
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4	231		
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.	29.	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215		
1939	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.	26.	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5	220		
January	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.	26.	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	46.1	217		
February	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.	25.	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	49.0	208		
March	1.06	.96	.96	1.08	1.45	91	91	102	137	25.	23.	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	50.7	197		
April	1.08	1.00	.98	1.11	1.41	93	91	103	131	25.	23.	21.5	1.41	22.8	11.9	17.0	10.8	11.1	2.90	52.2	192		
June	1.11*	1.05*	1.01*	1.14*	1.41*	95*	91*	103*	127*	26.	24.	22.2	1.42*	23.7	12.5	17.0	11.5	11.2	2.90	52.9	189		

For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents. <sup>2</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

All annual quotations except Swiss cheese are straight average of monthly prices.

<sup>3</sup>Wholesale price of 92-score butter at Chicago.

<sup>4</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.

<sup>5</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>6</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald

<sup>7</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920 incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.

<sup>8</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.

<sup>9</sup>Preliminary.

a ration was \$11.15 for June this year. Farmers continue raising a larger percentage of the calves than a year ago.

United States Milk Production

With pastures materially improved, milk production during June continued at a record high level with only about the usual seasonal decline. On July 1, milk production per cow in herds kept by crop correspondents averaged slightly higher than on the same date last year and, with the number of milk cows also increased, total milk production appears to have been about 2 percent greater than on July 1, 1938. This represents a record high milk production for July 1 on the basis of both total quantity produced and quantity available per person.

Although the peak of production is now past, the recovery of pastures in the Central States, the plentiful stocks of grain on farms, and the excellent growing conditions now prevailing in

the main Corn Belt make it seem probable that milk production will continue at a relatively high level for the next several months. In a few of the more important dairy areas for which reports are available, the quantity of grain fed per milk cow on July 1 was fairly heavy for that date.

Wisconsin Egg Production

Farm laying flocks on July 1 were about 3 percent larger than a year ago and average according to Wisconsin crop correspondents. Egg production was 2 percent lower than last year but 4 percent above average. About 7 percent more chicks were reported per farm than a year ago. Chicken and egg prices in June were lower than last year as well as average.

On July 1 farm laying flocks averaged 80.9 birds compared with the 10-year average of 78.3. The rate of laying is reported at slightly lower than last year. On July 1 reporters

recorded their flocks laying an average of 50 eggs for each 100 layers compared with 51 eggs a year ago and the 10-year average of 48. The increase in the average size of laying flocks more than offset the increased rate of laying. Compared with average for July 1, egg production per farm is 7 percent larger.

Farm egg prices averaged 13.6 cents a dozen in mid-June, which is about 4 cents a dozen lower than last year and the 5-year average. The drop from mid-May to mid-June this year was nearly a cent per dozen compared with practically no change last year. The level of egg prices since January 1 has been below that in each year since 1934. Chicken prices, too, are at the lowest level since 1934 although the mid-June price this year of 13.6 cents per pound is only slightly below average and about 1½ cents below the farm price a year ago.



Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	June	90*	91	100	101	Index of farm prices <sup>1</sup> , 1910-14=100	June	89	90	92	103
Prices farmers pay <sup>2</sup> , 1910-14=100	June	122*	122*	129	125	Prices farmers pay <sup>2</sup> , 1910-14=100	June	121	120	124	125
Purchasing power, farm products <sup>3</sup> , 1910-14=100	June	74*	75*	78	79	Purchasing power, farm products <sup>3</sup> , 1910-14=100	June	74	75	74	82
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>4</sup></b>					
Farm price of milk <sup>5</sup> , cwt.	June	1.11*	1.08	1.20	1.24	Farm price of butterfat, per lb.	June 15	22.2	21.5	23.7	25.6
Farm price of butterfat <sup>5</sup>	June 15	26	25	28	29.6	Price (wholesale), 92-score butter, Chicago, per lb.	June	23.65	22.77	25.28	26.38
Price, American cheese, Ws. Cheese Exchange (twins) per lb.	June	12.50	11.88	11.88	13.07	Butter receipts at 4 markets, (000 omitted)	June	80413*	74100	86627	78851
Milk production per cow in herd <sup>6</sup>	July 1	22.47	23.02	22.17	21.72	Cheese receipts at 4 markets, (000 omitted)	June	12727*	12844	14815	15224
Milk production per farm <sup>6</sup>	July 1	322.3	337.7	318.4	311.0	Milk production per cow in herd	July 1	17.27	17.98	17.19	16.24
Milk production per cow milked <sup>6</sup>	July 1	24.87	26.03	24.38	24.33	<b>Cold-Storage Holdings<sup>7</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>6</sup>	June	4.68	7.28	4.92	5.24	Creamery butter	July 1	131455*	84437	121467	88988
Calves born during month being raised <sup>6</sup>	June	31.17	32.11	29.97	28.18	American cheese	July 1	80968*	64750	99676	80694
Grains and concentrates fed <sup>6</sup>	July 1	1.08	1.81	.94	.89	Swiss cheese	July 1	3594*	3562	3117	4063
per cow in herd	July 1	15.1	26.5	13.5	11.9	All other cheese	July 1	13877*	10960	11995	10874
per farm	July 1	4.68	7.35	4.02	3.89	All varieties of cheese	July 1	98439*	79272	114788	95631
per 100 lbs. of milk produced	June 15	69	69	71	62.40	Total frozen poultry	July 1	67421*	66796	53432	52263
Farm price of butter receipts at 4 markets <sup>8</sup> , (000 omitted)	June	11645*	9334	11917	11609	Eggs, shell	July 1	6971*	5880	6255	7684
Wisconsin cheese receipts at 4 markets <sup>8</sup> , (000 omitted)	June	9212	9040	10613	11020	Eggs, shell and frozen, (case equivalent)	July 1	10982*	9249	10212	11336
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>9</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	July 1	80.9	84.5	78.9	80.1	Hens and pullets per farm flock	July 1	64.1	68.3	61.6	62.8
Eggs per 100 hens and pullets <sup>2</sup>	July 1	50.0	57.3	51.0	50.0	Eggs per 100 hens and pullets	July 1	45.9	52.1	46.5	44.0
Eggs per farm flock <sup>2</sup>	July 1	40.4	48.4	40.2	40.0	Eggs per farm flock	July 1	28.9	35.2	28.2	27.3
Farm price of chickens <sup>3</sup> , per lb.	June 15	13.6	14.2	15.1	13.8	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>7</sup>, (000 omitted)</b>					
Farm price of eggs <sup>3</sup> , per doz.	June 15	13.6	14.4	17.8	17.5	Dry whole milk	June 1	3615*	2857	3210	2602
<b>Feed Price Changes</b>						<b>Evaporated Milk<sup>7</sup>, (000 omitted)</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	June	91.9	96.5	91.2	105.8	Dry skim milk	June 1	31953*	32102	55014	34883
Cost, 1000 lbs. dairy ration <sup>1</sup>	June	11.15	11.41	11.20	13.13	Dry buttermilk	June 1	5394*	5506	5328	4538
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	June	99.6*	94.7	107.1	96.4	Condensed milk (case goods plus bulk goods)	June 1	14347*	10743	24959	20441
Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	June	18.70	22.00	18.70	22.61	Evaporated milk (case goods)	June 1	209044*	134625	261703	195448
Standard bran	June	40.00	40.40	43.70	36.79	<b>Slaughtering under Federal Meat Inspection<sup>8</sup>, (000 omitted)</b>					
Linseed oil meal	June	22.60	22.70	23.30	25.88	Cattle	June	778	814	816	802
Corn gluten feed	June	54.00	57.90	42.80	43.46	Calves	June	448	509	475	510
Tankage	June	23.90	24.55	22.40	26.72	Sheep and lambs	June	1401	1392	1485	1380
Standard middlings	June	32.10	32.95	29.90	34.09	Hogs	June	3185	3416	2533	2595
Cottonseed meal	June	11.24	11.51	11.32	14.06	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	June	121.0	125.1	157.2	129.3	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	June	5.70	6.40	8.00	7.75	Wholesale prices <sup>1</sup> , 1910-14=100	June 15	110	111	114	116.4
Farm price of hogs <sup>3</sup> , per cwt.	June 15	5.90	6.10	5.50	5.14	All commodities	June 15	104	104	113	120.8
Farm price of beef cattle <sup>3</sup> , per cwt.	June 15	7.60	8.00	7.70	6.78	Foods	June 15	124.7	125.0	131.0	132.4
Farm price of veal calves <sup>3</sup> , per cwt.	June 15	7.60	8.00	7.70	6.78	Retail food prices <sup>1</sup> , 1910-14=100	June 15	124.7	125.0	131.0	132.4
<b>BUSINESS AND INDUSTRY</b>						<b>Cost of living<sup>1</sup>, 1923=100</b>					
Index of employment <sup>4</sup> , 1925-27=100	June	-----	-----	82.4	85.5	Factory employment (adjusted) <sup>5</sup>	May	90*	91	84	93.5
Index of pay rolls <sup>4</sup> , 1925-27=100	June	-----	-----	77.0	76.0	No. of employees, 1923-25=100	May	87.9*	86.7	73.8	89.4
<b>World Price Levels<sup>11</sup></b>						<b>Business activity<sup>6</sup>, normal=100</b>					
In gold, 1910-1914=100	June	61*	62	64	65.6	Industrial production (adjusted) <sup>6</sup>	May	92*	92	76	93.2
United States Levels <sup>11</sup>	June	63*	63	63	65.8	1923-25=100	May	62	60	58	67.0
In gold, 1910-1914=100	June	106*	107	107	111.8	Freight-car loadings (adjusted) <sup>6</sup>	May	-----	-----	-----	-----
In currency, 1910-1914=100	June	-----	-----	-----	-----	1923-25=100	May	-----	-----	-----	-----

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors—Cornell World Price Index of 40 Basic Commodities. <sup>12</sup> Preliminary.

3,185,098 hogs slaughtered in June—the largest June number since 1934. Hog slaughtering in June were about 600,000 head larger than a year ago and average.

**Wisconsin Farm Prices**

The average milk price for Wisconsin increased 3 cents during May to \$1.11 per hundredweight for June, but it is still 9 cents below the average of a year ago. Milk used for cheese was \$1.05 per hundredweight for June compared with \$1.00 the previous month and \$1.08 per hundredweight a year ago. Milk for use in butter production was \$1.01 per hundredweight for June, or 3 cents more than in May, but 12 cents less than June 1938. Milk used by condenseries likewise brought 3 cents more than in May. The average price of milk used by market milk establishments was \$1.41 per hundredweight for May and June, which is 23 cents below the price received for June of last year.

Wisconsin's farm price index at 90 percent of the 1910-14 level for June was 1 point below May and 10 points less than June last year. Milk and grain groups increased from the preceding month while the livestock and

poultry product groups were lower. All livestock items except milk cows were lower than in the preceding month. Hog prices have declined for four consecutive months while the prices of sheep and lambs were considerably lower in June than a month earlier.

Prices of both chickens and eggs were lower in June than in the previous month and June of last year. The index of prices paid for commodities bought by farmers was 122 percent of the pre-war level both for May and June compared with 129 percent a year ago.

**United States Farm Prices**

The United States index of farm prices at 89 percent of pre-war was 1 point lower in mid-June than in the previous month and 3 points below a year ago. Purchasing power of the nation's farmers was 74 percent of the pre-war level in June compared with 75 in May and 74 percent a year ago. Mixed trends were shown by the various groups. Groups declining from the preceding month were meat animals, 5 points; truck crops, 5 points; and chicken and eggs, 2 points. Rises were shown from the preceding month

as follows: fruit, 8 points; dairy products, 2 points; grain, 1 point; and cotton and cottonseed, 1 point.

Although all classes of meat animals shared in the decline which lowered this group to 107 percent of pre-war, hog and lamb prices dropped the most sharply. Corn contributed most to the gain in grain prices, but rye, oats, and barley also advanced. Wheat and rice were lower. All dairy product prices were lower than a year ago. At 22.2 cents per pound on June 15, butterfat prices averaged 1.5 cents lower than in June 1938 and the lowest for the month since 1934. All group indexes with the exception of fruit, truck crops, and cotton and cottonseed were lower than a year ago.

**Farm Wages and Employment**

A decrease in the number of persons employed on Wisconsin farms and lower wages rates being paid for farm labor as compared with a year ago were reported by the state's crop correspondents at the beginning of the month.

The decrease in employment as compared with that of July 1 of last year to some extent may be because of the

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops <sup>2</sup>	Fruits and vegetables	Unclassified <sup>3</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>4</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>5</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>6</sup>	Index numbers of Wisconsin farm real estate values <sup>7</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>8</sup>	Purchasing power (Column 14 divided by column 22) <sup>9</sup>	Index number of U. S. farm real estate value <sup>7</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	101	113	98	104	104			
1911	91	92	111	85	90	91	99	100	118	98	93	92	95	96	87	95	91	102	101	101	101	94	---			
1912	102	101	111	95	103	101	117	90	111	101	101	102	100	106	95	102	100	94	---	87	100	100	97			
1913	104	102	85	110	105	100	94	102	82	100	104	105	101	92	108	105	101	107	---	97	101	100	100			
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	102	112	102	106	91	---	85	100	101	103			
1915	101	99	117	101	103	101	90	89	89	109	93	84	98	120	104	103	101	82	---	77	105	93	103			
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	---	119	124	95	108		
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	156	118	---	187	149	117	117		
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	180	172	---	245	176	115	129		
1919	214	205	188	209	224	195	204	264	172	205	104	109	143	213	233	207	186	209	178	---	247	202	105	140		
1920	203	200	211	173	206	210	299	218	172	211	96	98	171	211	232	174	198	223	191	---	248	201	105	170		
1921	128	123	114	102	134	160	181	215	119	149	86	80	168	125	112	109	156	162	157	---	201	152	82	187		
1922	125	119	100	107	131	141	143	178	123	142	85	82	154	132	106	114	143	141	174	---	156	149	89	139		
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	---	216	152	93	135		
1924	128	116	118	103	140	146	129	127	130	148	86	85	139	143	129	110	149	149	125	150	212	152	94	130		
1925	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	153	177	157	99	127		
1926	151	162	114	145	150	158	216	126	119	184	98	97	125	145	131	147	152	159	138	143	122	155	94	124		
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	121	128	153	91	119		
1928	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	159	152	155	96	117		
1929	155	148	116	182	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	149	144	153	95	116		
1930	129	130	95	129	129	124	170	164	99	140	92	92	117	126	100	133	137	129	162	140	102	145	87	115		
1931	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	92	108	100	98	117	63	124	70	106		
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	102	47	107	61	89		
1933	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	105	64	109	64	73		
1934	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	102	99	123	73	76		
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	127	101	125	86	79		
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	113	100	124	92	82		
1937	125	124	124	127	125	109	137	137	88	135	93	93	89	121	126	132	124	111	122	122	95	130	93	85		
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	105	70	123	77	85		
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	---	102	91	110	128	113	70	105	66	126	81	---		
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	---	97	89	110	121	94	68	111	68	126	77	---		
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	---	96	85	117	117	93	69	101	70	125	77	---		
Apr.	103	104	86	100	102	93	111	115	82	130	79	78	---	94	82	114	110	93	68	98	71	125	75	---		
May	100	103	85	107	97	99	113	115	77	129	78	75	---	92	79	111	103	98	77	88	71	125	74	---		
June	100	106	79	111	95	96	118	115	77	129	78	74	---	92	77	116	98	99	73	92	68	124	74	---		
July	102	108	77	116	95	97	123	85	74	127	80	75	---	95	72	123	101	103	79	99	71	123	77	---		
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	---	92	62	115	102	105	78	92	69	122	75	---		
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	---	95	63	117	104	118	75	107	69	121	79	---		
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	---	95	60	111	107	124	70	107	72	121	79	---		
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	---	94	60	111	109	131	71	102	73	121	78	---		
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	---	96	63	109	112	127	73	108	70	120	80	---		
1939	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---	---	---	---	---	---	---	---	---	84	---	
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	---	94	66	112	109	97	76	96	71	120	78	---		
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	---	92	66	116	107	91	78	108	70	120	77	---		
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	---	91	66	110	100	88	81	114	71	120	76	---		
Apr.	91	97	70	108	84	86	105	85	67	122 <sup>10</sup>	75 <sup>10</sup>	69 <sup>10</sup>	---	89	67	114	95	87	82	102	70	120	74	---		
May	91	96	74	104	85	82	106	85	69	122 <sup>10</sup>	75 <sup>10</sup>	70 <sup>10</sup>	---	90	72	112	92	85	85	110	72	120	75	---		
June	90 <sup>10</sup>	92	75	97	88 <sup>10</sup>	78	106	85	71	122 <sup>10</sup>	74 <sup>10</sup>	72 <sup>10</sup>	---	89	73	107	94	83	93	105	73	121	74	---		

<sup>1</sup>Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flax seed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. <sup>5</sup>Indexes for other months are interpolations from the quarterly data. <sup>6</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>8</sup>Average of estimated values, 1912-14=100. <sup>9</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. <sup>10</sup>Indexes for other months are interpolations from the quarterly data. <sup>11</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>12</sup>Preliminary.

harvesting season occurring later this year. Another factor is the lower income of many farmers in the state. On July 1 crop correspondents' reports indicated that there were 235 persons employed per 100 farms. Of this number 181 persons were family workers receiving no wages and 54 were hired laborers. A year ago with 186 family workers and 57 hired laborers total farm employment was 8 persons more per 100 farms than is indicated for July 1 of this year.

Wages paid by Wisconsin crop cor-

**WILL H. SEIBEL**  
**M. B. WEST**

We have recently learned of the deaths of Messrs. Will H. Seibel and M. B. West who have served for many years as crop reporters in Fond du Lac and Richland Counties, respectively. These men have made valuable contributions to the state's agriculture, and the Wisconsin Crop Reporting Service extends its sincere sympathy to their families.

respondents at the beginning of the month averaged about 5 percent below those of a year ago. Reports indicate that the average wage with board was \$30.00 per month and without board, \$43.00 on July 1. These wages are both \$2.00 per month less than reported last year. Wages paid to laborers working by the day with or without board average 5 cents less than a year ago. At the beginning of the month workers were paid \$1.55 per day with board, and wage rates without board averaged \$2.05 per day.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
 Agricultural Marketing Service

WISCONSIN DEPARTMENT OF AGRICULTURE  
 Division of Agricultural Statistics

Federal-State Crop Reporting Service

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WITH the dry weather, crop prospects generally declined during July and at the beginning of the month were less favorable than on August 1 of last year. The rainfall deficiency which accumulated throughout the past month caused considerable damage to pastures and the condition is much below that of last year.

As reported a month ago, drought conditions have prevailed in parts of southern Wisconsin during most of the season. In the past month, however, the drought situation has become more serious and more widespread. On July 1 farmers reported northern Wisconsin still had ample moisture and there were numerous complaints at that time of too much rain. During July rainfall was short in practically all of the state so that drought conditions in much of southern and central Wisconsin became quite serious. Temperatures during July averaged above normal in most parts of the state.

Pasture conditions declined sharply from the early summer season and at the beginning of August averaged only 64 percent of normal for Wisconsin compared with 89 percent a year ago. Hay crops also declined last

month. Second crops of hay are not making very much growth, though there is some prospect for alfalfa and red clover seed. Estimates of August 1 indicate the total production of tame hay in Wisconsin will be about 5,685,000 tons which is somewhat below the figure for July 1. While the hay crop in the state is not expected to be as large as the record crop of last year, it probably will be about a million tons above average.

In spite of the drought conditions, the corn crop has held up well and prospects for the crop are about the same as a month ago. A rain, which was quite general throughout the state, occurred during the last week in July and helped the corn crop materially. With a reduction in acreage and a somewhat smaller yield per acre than reported a year ago, the corn crop in Wisconsin is estimated at over 8 million bushels, which is about 10 percent below the large crop harvested last year.

Farm work has moved along rapidly and threshing is considerably ahead of a year ago. The dry weather has favored the use of combines and also threshing from fields. Grain crops vary considerably in different

## IN THIS ISSUE

### August Crop Report

Crop prospects declined during July in Wisconsin and for the country as a whole. August 1 estimates show that the production of feed crops will be below those harvested last year.

### Milk Production

With the poor pasture conditions, milk production declined considerably in July and at the beginning of the month was somewhat below that of a year ago.

### Milk Cow Prices

Milk cow prices average the same for the state as reported a year ago. Some variation exists according to geographic areas.

### Egg Production

Farm laying flocks in Wisconsin are smaller than a year ago and egg production shows a decrease as compared with August 1 of last year. The size of farm flocks has been decreasing since the first of the year.

### Cattle on Feed

Wisconsin has more cattle on feed than a year ago and a substantial increase in feeding operations is shown for the Corn Belt.

### Lamb and Wool Crops

Wisconsin farmers raised fewer lambs than last year, and a decrease in the lamb crop is also shown for the United States. Wool production in the state as well as for the country as a whole is somewhat larger than estimated for 1938.

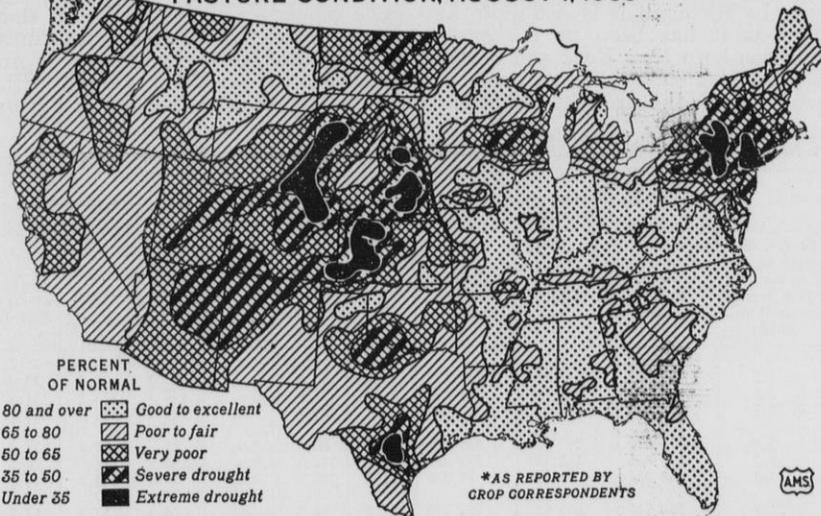
### Current Changes

A greater volume of business and industrial production than a year ago is shown, but farm and wholesale prices are below a year ago. Stocks of butter and cheese are lower than a year ago. Stocks of poultry and eggs are larger than reported for August of last year.

### Prices of Farm Products

Farm prices increased slightly during the past month but are still below those of a year ago. Purchasing power of Wisconsin farmers continues below that of last year. Milk prices average slightly above those of the previous month, but are below those received a year ago.

PASTURE CONDITION, AUGUST 1, 1939\*



Pasture conditions in the United States varied markedly on August 1. Drought conditions caused further deterioration in the North Atlantic, Great Plains and Rocky Mountain States and in parts of Michigan and Wisconsin. However, pastures continued good to excellent from central Iowa to Virginia and southward to the Gulf. Some improvement at the beginning of the month appeared in prospect in some of the dry areas because of general rains.

Crop Summary of Wisconsin for August 1, 1939

Crop	Acreage			Production				Unit	Yield per Acre			
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	August 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of		Indicated 1939	1938	10-year average 1928-37	
							1938					10-year average
Corn.....	2,257,000	2,351,000	- 4.0	81,252,000	90,514,000	71,042,000	89.8	114.4	Bus.	36.0	38.5	31.8
Potatoes.....	206,000	212,000	- 2.8	17,510,000	19,080,000	23,380,000	91.8	74.9	Bus.	85	90	88
Tobacco.....	23,500	24,700	- 4.9	32,195,000	32,710,000	32,098,000	98.4	100.3	Lbs.	1370	1324	1316
Oats.....	2,234,000	2,455,000	+ 9.0	71,488,000	76,105,000	78,017,000	93.9	91.6	Bus.	32.0	31.0	31.5
Barley.....	794,000	771,000	+ 3.0	21,835,000	24,286,000	21,260,000	89.9	102.7	Bus.	27.5	31.5	27.4
Rye.....	251,000	330,000	-23.9	2,510,000	4,290,000	2,515,000	58.5	99.8	Bus.	10.0	13.0	10.8
Winter wheat.....	41,000	67,000	-38.8	615,000	1,105,000	578,000	55.6	106.4	Bus.	15.0	16.5	17.6
Spring wheat.....	50,000	53,000	- 5.7	825,000	901,000	1,245,000	91.6	66.3	Bus.	16.5	17.0	16.8
Buckwheat.....	10,000	12,000	-16.7	120,000	150,000	187,000	80.0	64.2	Bus.	12.0	12.5	11.0
All tame hay.....	3,921,000	3,655,000	+ 7.3	5,685,000	6,479,000	4,429,000	87.7	128.4	Tons	1.45	1.77	1.37
Alfalfa hay.....	1,175,000	1,199,000	- 2.0	2,056,000	2,758,000	1,114,000	74.5	184.6	Tons	1.75	2.30	1.95
Clover and timothy hay.....	2,268,000	2,007,000	+13.0	2,948,000	3,010,000	2,816,000	97.9	104.7	Tons	1.30	1.50	1.25
Other tame hay.....	478,000	449,000	+ 6.5	681,000	711,000	499,000	95.8	136.5	Tons	1.42	1.58	1.25
Wild hay.....	166,000	184,000	- 9.8	174,000	184,000	273,000	94.6	63.7	Tons	1.05	1.00	.98
Dry peas.....	8,000	6,000	+33.3	128,000	84,000	273,500	152.4	46.8	Bus.	16.0	14.0	13.5
Dry beans.....	1,000	2,000	-50.0	4,000	8,000	24,000	50.0	16.7	Cwt.	3.8	4.2	3.97
Flax.....	13,000	4,000	+225.0	136,000	44,000	64,000	309.1	212.5	Bus.	10.5	11.0	10.8
Canning peas.....	68,600 <sup>1</sup>	102,300	-32.9	94,660,000	198,400,000	145,524,000	47.7	65.0	Lbs.	1380	1940	1401
Sugar beets.....	17,200	14,400	+19.4	154,800	163,000	103,530	95.0	149.5	Tons	9.0	11.3	8.3
Cherries.....				8,350	8,600	8,699	97.1	96.0	Tons	58 <sup>1</sup>	59 <sup>1</sup>	68 <sup>1</sup>
Pasture.....										64 <sup>2</sup>	89 <sup>2</sup>	62 <sup>2</sup>

<sup>1</sup> Percent of a full crop.

<sup>2</sup> August 1 condition.

<sup>3</sup> Planted acreage.

parts of the state. In general, those crops which were planted early are making fairly good yields while the crops planted later are generally much lighter and yields are lower. There are very few rust reports being received from Wisconsin crop reporters this year. The variation in crop prospects is particularly noticeable for oats and barley.

Considerable uncertainty prevails as to the state's potato production and prospects are somewhat less favorable than a month ago. August 1 estimates show the state's potato production this year to be about 17½ million bushels, which is a decrease of about 2 million bushels from the estimates of a month ago when the crop was expected to be slightly larger than that harvested in 1938.

While some decline in the prospects for the state's tobacco production occurred during the past month, the crop is in good condition. Tobacco is raised in the area of the state which has been affected most severely by the drought this year, and the size of the plants may be smaller unless there is more rainfall in the next few weeks.

United States Crops

For the United States, crop prospects declined during July. The drought area which covered much of southern Wisconsin in the past month extended eastward to the Atlantic Coast. In Michigan it is not quite as severe as it has been in Wisconsin but in southern New York and northern Pennsylvania, as well as much of New England, the drought conditions

have been quite prolonged this summer. The Great Plains Area—particularly all of the states from Texas to the Canadian border are affected somewhat by this drought. The rest of the country has fared quite well and the Ohio Valley in particular is having a good year.

The nation's corn crop is somewhat smaller than was indicated in the July estimate but some of the grain crops are larger though practically all of them are considerably smaller than they were a year ago. Present estimates show that the nation will have about 3 percent less corn than last year, and 15 percent less oats. The rye and spring wheat crops are expected to be about three-fourths the size of those harvested last year,

Crop Summary of the United States for August 1, 1939

Crop	Acreage (000 omitted)			Production (000 omitted)			1939 Production as a Percent of		Unit	Yield per Acre		
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	August 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of			Indicated 1939	1938	10-year average 1928-37
							1938	10-year average				
Corn.....	90,734	91,792	- 1.2	2,459,888	2,542,238	2,309,674	96.8	106.5	Bus.	27.1	27.7	23.0
Potatoes.....	3,074.3	3,019.6	+ 1.8	356,834	371,617	372,258	96.0	95.9	Bus.	116.1	123.1	111.4
Tobacco.....	1,802.5	1,602.8	+12.5	1,655,658	1,378,534	1,360,400	120.1	121.7	Lbs.	918.5	860.1	803.2
Oats.....	33,574	35,477	- 5.4	898,026	1,053,839	1,049,300	85.2	85.6	Bus.	26.7	29.7	27.7
Barley.....	12,546	10,513	+19.3	257,008	252,139	233,021	101.9	110.3	Bus.	20.5	24.0	20.7
Rye.....	4,100	3,979	+ 3.0	40,834	55,039	36,330	74.2	112.4	Bus.	10.0	13.8	11.1
Winter wheat.....	38,572	49,711	-22.4	550,710	686,637	560,160	80.2	98.3	Bus.	14.3	13.8	14.5
Durum wheat.....	3,095	3,545	-12.7	31,382	40,445	35,076	77.6	89.5	Bus.	10.1	11.4	9.4
Spring wheat other than durum.....	13,333	16,965	-21.4	149,340	203,719	157,716	73.3	94.7	Bus.	11.2	12.0	10.9
Flax.....	2,034	954	+113.2	15,750	8,171	11,943	192.8	131.9	Bus.	7.7	8.6	5.9
Buckwheat.....	390	453	-13.9	5,776	6,682	7,964	86.4	72.5	Bus.	14.8	14.8	15.8
Tame hay.....	57,801	56,309	+ 2.6	73,301	80,299	68,765	91.3	106.6	Tons	1.27	1.43	1.24
Wild hay.....	11,386	11,774	- 3.3	8,914 <sup>1</sup>	10,444	9,414	85.4	94.7	Tons	.78	.89	.76
Pasture.....										69 <sup>1</sup>	83 <sup>1</sup>	65 <sup>1</sup>

<sup>1</sup> August 1 condition.

and the winter wheat crop is estimated at four-fifths that of 1938.

The tame hay crop in the nation is about 9 percent under the good crop of last year and wild hay production is estimated at 15 percent smaller than 1938. Pasture conditions have been poor in a number of the important dairy states, particularly the market milk region in the East. The only field crops showing important increases over last year are tobacco, barley, and flax. The tobacco crop is estimated at 20 percent larger than that harvested last year and the flax crop is expected to be nearly twice the size of the 1938 crop. A 2 percent increase in the production of barley is expected as compared with the crop harvested last year.

Weather Summary, July 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	July 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	49	89	67.0	63.9	2.03	3.76	-0.59
Spooner.....	41	94	70.8	69.1	1.97	3.96	+0.19
Park Falls....	44	93	70.8	67.2	2.81	4.50	+7.61
Rhineland....	40	92	69.0	67.1	1.39	4.41	+6.54
Wausau.....	51	96	73.2	68.4	1.66	4.07	+2.66
Marinette....	47	95	72.5	71.1	1.71	3.37	-0.44
Escanaba....	45	89	68.8	66.0	0.38	3.33	-0.01
Minneapolis..	56	95	74.6	72.3	2.75	3.73	-1.09
Eau Claire....	53	99	74.8	71.5	1.17	3.59	-1.84
La Crosse....	56	97	75.6	72.8	1.46	3.90	-6.47
Hancock....	45	98	73.7	71.3	1.71	3.45	-3.86
Oshkosh.....	49	98	73.4	71.7	1.56	3.42	-2.68
Green Bay....	53	94	73.2	70.0	0.79	3.46	-4.86
Manitowoc...	52	95	71.6	68.0	0.42	3.50	-5.10
Dubuque.....	55	98	76.2	74.1	5.30	3.94	-0.62
Madison.....	56	97	74.8	72.1	1.64	3.88	-5.49
Beloit.....	54	97	75.1	72.8	2.84	3.58	+0.94
Milwaukee...	60	95	73.2	70.1	0.51	2.83	-4.69

Wisconsin August Milk Production

Poorer pastures on August 1 caused a decline in milk production per farm of between 4 and 5 percent from a year ago. Production per farm on August 1 was reported by crop reporters to be 258.1 pounds. An average of 17.66 pounds per cow in herd was produced on August 1 according to crop correspondents compared with 18.73 pounds a year ago and a 10-year average, 1928-37, for that date of 17.08 pounds. The number of milk cows per farm was 1 percent higher than a year ago. Seasonal change in milk production is about the same as for the 10-year average in spite of dry pastures. It was necessary to increase feeding of grains and concentrates due to the reduced pastures in order to maintain milk production and dairy correspondents' herds were obtaining only 83 percent of their total feed from pasture on August 1 compared with nearly 91 percent a year earlier. Feeding of grain and concentrates per cow in herd was 13 percent higher than a year ago at 1.36 pounds

on August 1. Farmers have reduced the percentage of the calves they are raising considerably below a year ago.

United States Milk Production

On August 1, for the first time in a year and a half, available records indicate that the first of the month milk production in the United States was less than on the corresponding date of the previous year. The rate of decline during July, while about average for that month, was considerably sharper than a year ago. Milk production per cow in herds kept by crop correspondents on August 1 averaged about 2 percent less than a year earlier. A recent survey indicates the number of milk cows on farms to be about a half of one percent above the number a year ago. Therefore, total milk production on August 1 appears to have been between 1 and 2 percent less than on August 1, 1938. Total milk production on August 1 this year, however, was the second highest for that date in the 15 years of record and, in terms of production per capita, was well above average.

In some important northeastern dairy areas, principally southern New England, New York, New Jersey, and the northeastern half of Pennsylvania, the production of milk was sharply curtailed by drought and poor pastures. For the first time since February 1, 1938, milk production per cow on the first of the month in the North Atlantic states was below the 10-year average for the date. Pastures have been so short in parts of the area that in some instances herds have been placed on practically a winter-feeding basis with a corresponding increase in grain and concentrates. However, moderate improvement of pastures in this area appears in prospect as the result of late July and early August rains.

In the southeastern states, dairy cows have responded to improvement in pastures during July and milk production per cow on August 1 was 3 percent above last year and more than 10 percent above the 1928-37 average for that date. In the central group of states, production per cow ranged from 6 to 8 percent above the 10-year average but was moderately below that on August 1 a year ago. In the western group of states, production per cow continued well above average and was slightly above a year ago.

Wisconsin Milk Cow Prices

Due to the demand for milk cow prices by crop reporting districts in

MILK PRODUCTION

	Aug. 1, 1939		Aug. 1 as a percent of 10-yr.		
	1939	1928-37 average	1938	1938 average	
WISCONSIN					
Per farm.....	258.1	270.2	247.0	95.5	104.5
Per cow milked...	20.20	21.23	20.05	95.1	100.7
Per cow in herd...	17.66	18.73	17.08	94.3	103.4
UNITED STATES					
Per cow in herd...	15.10	15.40	14.19	98.1	106.4

Wisconsin Milk Cow Prices, July 15, 1938 and 1939 (Dollars per head)

District	July 15, 1939	July 15, 1938
1. Northwest.....	65	65
2. North.....	63	64
3. Northeast.....	61	61
4. West.....	67	65
5. Central.....	69	70
6. East.....	76	74
7. Southwest.....	69	68
8. South.....	79	82
9. Southeast.....	76	79
State Average <sup>1</sup> .....	70	70

<sup>1</sup> State average price derived by weighting district prices by milk cow numbers.

the state, such prices are being published for the first time this month in the accompanying table. The state price is unchanged from July 15 a year ago at \$70 per head. Geographic variations exist in the prices with the South District showing the highest price and the Southeast and East District both showing the same price on July 15, 1939. The price for the Northeast District was the lowest of any area in the state.

Wisconsin Egg Production

Farm laying flocks were smaller and the rate of laying was lower on August 1 than a year ago according to Wisconsin crop correspondents. However, the August 1 reported figures are higher than average for that date. Egg prices advanced about the usual amount while chicken prices dropped as is often the case from mid-June to mid-July and these prices remained below average.

Laying flocks averaged 77.6 hens and pullets of laying age on August 1 were about 1 percent lower than a year earlier although 4 percent higher than average. Flocks have been smaller in each month since January 1, which is the largest average size of any month in over 2 years. The rate of laying on August 1 was nearly 3 percent lower than last year at 44.8 eggs per 100 layers compared with 46.1 eggs. The combination of a slightly smaller laying flock and a reduced rate of laying resulted in an average production per farm of 34.8

EGG PRODUCTION

	Aug. 1, 1939		Aug. 1 as a percent of 10-yr.		
	[Aug. 1 1939 No.]	Aug. 1 1928-37 average	1938	1938 average	
WISCONSIN					
Hens and pullets per farm.....	77.6	78.5	74.6	98.9	104.0
Eggs per farm.....	34.8	36.2	31.1	96.1	111.9
Eggs per 100 hens and pullets.....	44.8	46.1	41.7	97.2	107.4
UNITED STATES					
Hens and pullets per farm.....	61.3	59.3	64.2	103.4	95.5
Eggs per farm.....	24.4	24.2	23.6	100.8	103.4
Eggs per 100 hens and pullets.....	40.4	41.2	37.1	98.1	108.9

eggs or nearly 4 percent less than a year ago although nearly 12 percent above average.

Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Wisconsin													Milk Cow Prices				Index Numbers of Prices Paid by Wis. Farmers <sup>19</sup>								
	Dairy Ration Cost			Poultry Ration Cost			Index Numbers of Feed Prices 1910-14=100							Wisconsin		United States		Commodities bought for use in farm family maintenance (1910-14=100)			Commodities bought for use in farm production (1910-14=100)					
	Cost per 1000 lbs. <sup>1</sup>	Index (1910-14=100)	Pounds 100 lbs. of milk would buy <sup>2</sup>	Lbs. of milk required to buy 100 lbs. of dairy ration <sup>3</sup>	Value—1000 lbs. <sup>4</sup>	Index (1910-14=100)	Pounds of feed 10 doz. eggs will buy <sup>4</sup>	Dozens of eggs required to buy 1000 lbs. of ration <sup>4</sup>	All feeds <sup>5</sup>	Mill feeds <sup>5</sup>	Protein feeds <sup>5</sup>	Feed grains, whole and ground <sup>5</sup>	Other feeds	Price index (1910-14=100) <sup>10</sup>	Milk required to buy a cow <sup>11</sup>	Butterfat required to buy a cow <sup>11</sup>	Price index (1910-14=100) <sup>10</sup>	Butterfat required to buy a cow <sup>11</sup>	All family maintenance <sup>12</sup>	Food	Clothing	Furniture and furnishings	All farm production <sup>14</sup>	Farm machinery	Fertilizer	Seeds <sup>15</sup>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	100	98	81	35	142	86	161	98	96	97	101	99	103	100	-----
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	100	87	41	173	89	188	97	96	97	101	100	103	102	-----
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	110	105	92	38	161	93	171	99	98	98	99	104	97	100	108
1913	11.36	88	117	85	11.58	92.3	182	55	92	94	92	90	94	116	47	190	111	200	102	102	102	99	97	98	99	94
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	125	51	223	121	233	104	107	106	100	99	99	99	98
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	116	49	206	118	225	111	108	117	106	106	101	100	122
1916	14.48	113	107	93	15.32	122.1	163	61	112	106	112	122	112	121	42	186	124	207	127	126	135	120	117	110	114	114
1917	21.87	170	98	102	25.75	205.2	132	76	173	161	162	196	176	145	36	171	146	189	151	160	158	142	151	128	120	157
1918	24.08	187	105	95	27.71	220.8	143	70	179	151	192	215	187	165	36	164	169	183	181	181	214	175	172	155	154	232
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	194	37	161	187	173	215	216	271	208	194	161	173	314
1920	26.22	204	99	101	27.34	221.8	168	59	210	205	222	208	215	194	41	166	182	161	224	211	272	252	198	169	184	275
1921	13.08	102	129	77	13.14	104.7	250	40	110	96	128	98	115	108	34	140	120	160	166	146	199	198	132	150	144	132
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	106	34	146	109	149	155	138	181	188	129	134	136	133
1923	15.37	120	136	74	15.42	122.9	189	53	126	122	155	114	135	116	30	133	113	131	160	147	185	194	135	143	143	145
1924	16.24	126	109	92	17.02	135.6	177	56	127	113	144	136	136	119	36	146	113	139	159	143	189	194	137	153	139	180
1925	16.30	127	117	86	17.73	149.2	177	56	128	124	142	139	141	123	35	143	118	138	166	156	190	187	144	154	148	192
1926	14.50	113	131	76	15.87	126.5	197	51	118	111	145	111	126	150	42	176	133	159	164	156	184	183	143	156	143	209
1927	16.13	126	131	76	17.52	139.6	163	61	134	131	149	128	138	167	43	179	151	170	160	154	178	184	145	156	157	228
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	151	191	48	199	183	197	159	153	177	188	146	156	154	201
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	168	126	140	200	53	220	191	208	156	146	175	186	144	156	149	208
1930	14.09	110	116	86	15.00	119.5	161	62	114	105	142	112	122	157	52	198	183	197	156	146	175	186	144	156	149	208
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	106	49	188	104	207	125	106	141	153	116	151	138	156
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	72	44	181	75	207	107	87	118	130	103	141	136	109
1933	9.06	70	108	92	8.64	68.8	167	60	72	67	88	68	89	66	36	155	68	177	105	89	115	120	104	139	124	104
1934	13.61	106	80	125	12.63	100.6	139	72	104	100	112	104	107	67	33	137	66	144	119	104	133	130	124	148	140	139
1935	13.36	104	99	101	14.13	112.6	169	59	106	102	107	111	111	109	44	185	95	167	124	118	133	132	124	152	115	162
1936	14.01	109	108	92	15.52	123.6	147	68	113	108	117	116	117	127	45	189	107	164	124	116	134	134	128	152	108	178
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	126	138	131	135	46	194	115	171	130	120	142	140	158	109	258	
1938	11.30	88	113	88	11.38	90.7	182	55	91	85	118	84	96	131	55	230	115	216	124	105	137	137	130	163	128	206
Jan.	12.85	100	126	79	12.75	101.6	164	61	104	104	126	92	106	132	44	182	115	170	128	116	140	140	134	160	115	247
Feb.	12.83	100	116	86	12.62	100.6	123	81	102	99	128	92	105	134	48	200	116	187	126	113	138	139	135	160	122	249
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	103	136	53	209	116	191	125	110	137	138	136	161	128	250
Apr.	11.98	93	108	93	11.91	94.9	130	77	95	89	121	89	99	132	55	215	116	211	125	109	137	138	135	163	128	250
May	11.96	93	103	97	11.71	93.3	153	65	94	88	122	89	98	130	57	233	115	226	124	107	137	138	135	165	128	250
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	96	132	59	254	115	240	124	106	137	138	134	166	128	250
July	11.04	86	109	92	11.55	92.0	161	62	89	80	119	86	96	130	58	250	115	234	124	105	137	138	131	165	128	221
Aug.	10.07	78	115	87	10.66	84.9	183	55	81	71	113	78	90	130	60	250	114	232	123	104	137	138	127	164	127	191
Sept.	10.22	80	114	87	10.68	85.1	225	44	82	72	108	80	90	130	60	250	113	232	123	103	137	138	124	163	127	162
Oct.	10.14	79	118	84	10.35	82.5	266	38	80	71	111	76	89	130	58	250	114	231	123	103	137	137	124	163	127	162
Nov.	10.19	79	124	81	10.03	79.9	288	35	82	77	113	72	89	127	54	243	116	228	122	102	138	136	124	163	127	162
Dec.	10.64	83	121	82	10.66	84.3	241	41	87	83	117	75	93	130	54	243	117	214	122	102	138	135	124	163	127	162
1939	10.97	85	112	89	11.05	88.0	150	67	91	88	120	78	95	130	57	241	119	233	122	101	136	134	124	162	126	160
Jan.	10.80	84	110	91	10.66	84.9	144	70	89	88	114	77	94	134	61	248	121	239	121	100	135	133	125	161	126	157
Feb.	11.02	86	102	98	10.98	87.5	141	71	94	97	115	77	97	134	64	267	121	263	120	99	133	132	125	160	125	155
Mar.	11.29	88	94	107	11.26	89.7	134	75	98	106	115	78	100	132	67	284	119	274	120*	99*	131*	131*	125*	159*	125	155
Apr.	11.41	89	95	106	11.51	91.7	125	80																		

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN											UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>									
	Milk av. all uses cwt.	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>11</sup>			
		For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>5</sup>	Swiss <sup>5</sup>	Brick <sup>5</sup>	Limburger <sup>5</sup>		Cheese div. by butter	Butter div. by cheese		
																						\$	\$
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	26.1	15.5	17.1	14.1	13.3	3.60	51.3	195		
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	53.9	186		
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186		
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208		
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.6	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187		
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197		
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176		
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174		
1918	2.49	2.50	2.23	2.73	2.66	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7	183		
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	51.9	193		
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6	224		
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	44.2	226		
1922	1.67	1.67	1.63	1.73	1.82	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.0	16.9	17.8	4.35	49.2	203		
1923	2.09	2.01	1.99	2.29	2.38	95	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	48.2	207		
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2	226		
1925	1.92	1.99	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	205		
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2	212		
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	49.6	201		
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208		
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	18.1	19.5	4.30	46.0	217		
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	48.4	215		
1931	1.15	1.07	1.12	1.25	1.58	83	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.36	46.1	217		
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.66	49.5	202		
1933	.98	.91	.90	1.04	1.26	83	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0	204		
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4	211		
1935	1.32	1.27	1.23	1.35	1.56	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	49.9	200		
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209		
1937	1.59	1.48	1.51	1.63	1.95	93	95	108	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8	209		
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2	216		
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	34.	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2	212		
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.8	31.	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6	206		
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213		
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213		
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.1	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208		
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213		
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.2	1.56	25.4	12.0	17.5	11.8	11.5	3.00	47.1	212		
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.	27.	24.1	1.60	25.0	10.8	16.8	10.4	12.0	2.90	42.2	237		
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	43.1	232		
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0	213		
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4	231		
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.	29.	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215		
1939	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.	26.	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5	220		
January	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.	26.	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	46.1	217		
February	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.	25.	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	48.0	208		
March	1.06	.96	.96	1.08	1.45	91	91	102	137	25.	23.	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	50.7	197		
April	1.08	1.00	.98	1.11	1.41	93	91	103	131	25.	23.	21.5	1.41	22.8	11.9	17.0	10.8	11.1	2.90	52.2	192		
May	1.11	1.05	1.02	1.14	1.39	95	92	103	125	26.	24.	22.2	1.43	23.7	12.5	17.0	11.5	11.2	2.90	52.9	189		
June	1.12*	1.06*	1.03*	1.15*	1.40*	95*	92*	103*	125*	26.	24.	22.0	1.50*	23.2	12.0	17.0	11.1	11.5	2.90	51.7	194		

<sup>1</sup>For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents.

<sup>2</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk, 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>3</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>5</sup>Wholesale price of 92-score butter at Chicago.

<sup>6</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.

<sup>7</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>8</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.

<sup>9</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920 incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.

<sup>10</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.

<sup>11</sup>Preliminary.

United States Egg Production

Farm laying flocks in the nation were 3 percent larger than a year ago, thus more than offsetting the 2 percent reduction in the rate of laying, according to crop correspondents. The rate of laying equaled the high rate of 1937. Over 6 percent more pullets not of laying

Prices Received by Wisconsin Farmers for Farm Products<sup>1</sup>

Table with columns: Year, LIVESTOCK, POULTRY AND WOOL, GRAINS, SEEDS, HAT (Loose), OTHER CROPS. Rows list years from 1910-14 to 1939 with various product prices.

<sup>1</sup>All prices based on reports of Wisconsin price correspondents on the 15th of each month. Annual prices are straight averages of monthly data. For monthly data prior to 1933 see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Lamb and Wool Production

Lamb production in Wisconsin as well as for the United States is smaller than a year ago. Estimates of wool production for the state as well as for the nation show a larger crop than reported for 1938.

Estimates for Wisconsin show that there are about 318,000 lambs on farms as compared with 327,000 reported for the state a year ago. The lamb crop this year is about 21,000 head below the 10-year average. Wisconsin sheep raisers had 306,000 breeding ewes at the beginning of the year. The decrease in the lamb crop results from a reduction in the number of lambs saved per 100 ewes.

For the United States, estimates show that the lamb crop this year is about 31,867,000 head. Although the lamb crop in the nation is slightly smaller than last year, it is about 8 percent above the 10-year average. The decrease in the size of the lamb crop results from a smaller crop in

the Western sheep States than raised last year.

Wisconsin's wool crop is estimated at slightly over 3 million pounds this year, and the nation's wool production is nearly 376 million pounds. The number of sheep shorn in the state this year is about the same as a year ago, but the weight of fleeces is reported to be heavier. In former years Wisconsin produced more wool than is being produced at the present time.

Wool production in the nation is about 4 million pounds more than the crop of last year and about 20 million pounds above the 10-year average. The number of sheep shorn in the country this year is nearly a million head greater than the number shorn a year ago and about 2 1/2 million head above the 10-year average. The average weight of fleece shorn in the United States this year was slightly below average.

Current Changes

Recent reports show business activity and industrial production indicators above last year. Farm and wholesale prices are below a year ago. Cold-storage holdings of butter and cheese are lower than last year although above average. Poultry and egg stocks are larger than a year ago. July hog slaughterings were larger than last year and average, but fewer cattle, calves, and sheep and lambs were slaughtered.

Cold-Storage Holdings: Butter and total cheese stocks on August 1 were smaller than a year ago but larger than average, while Swiss holdings were reported smaller than average. Frozen poultry and egg holdings were larger than a year ago although egg stocks were smaller than average.

Butter: Creamery butter stocks on August 1 totaled slightly over 165 million pounds, of which nearly 133 million were commercial stocks, al-

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	July	92*	90	102	103	Index of farm prices <sup>1</sup> , 1910-14=100	July	89	89	95	105
Prices farmers pay <sup>2</sup> , 1910-14=100	July	121*	122*	127	126	Prices farmers pay <sup>2</sup> , 1910-14=100	July	120	121	123	125
Purchasing power, farm products <sup>3</sup> , 1910-14=100	July	76*	74*	80	82	Purchasing power, farm products <sup>3</sup> , 1910-14=100	July	74	74	77	83
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets</b>					
Farm price of milk <sup>4</sup> , cwt.	July	1.12*	1.11	1.20	1.28	Farm price of butterfat, per lb.	July 15	22.0	22.2	24.2	26.5
Farm price of butterfat <sup>4</sup> , cts.	July 15	26	26	28	30.2	Price (wholesale), 92-score butter, Chicago, per lb.	July	23.23	23.65	25.39	27.35
Price, American cheese, Wis. Cheese Exchange (twins) per lb.	July	12.00	12.50	11.95	13.32	Butter receipts at 4 markets, (000 omitted)	July	73958*	80413	74841	69687
Milk production per cow in herd <sup>5</sup> , lbs.	Aug. 1	17.66	22.47	18.73	17.60	Cheese receipts at 4 markets, (000 omitted)	July	12352*	12727	15108	16047
Milk production per farm <sup>5</sup> , lbs.	Aug. 1	258.1	322.3	270.2	252.6	Milk production per cow in herd	Aug. 1	15.10	17.27	15.40	14.27
Milk production per cow milked <sup>5</sup> , lbs.	Aug. 1	20.20	24.87	21.23	20.20	<b>Cold-Storage Holdings<sup>6</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>4</sup>	July	4.29	4.68	3.85	4.24	Creamery butter	Aug. 1	165094*	131609	173257	131751
Calves born during month being raised <sup>4</sup> , %	July	26.68	31.17	29.30	26.05	American cheese	Aug. 1	99179*	81262	114607	95035
Grains and concentrates fed <sup>4</sup> , per cow in herd	Aug. 1	1.36	1.08	1.20	1.02	Swiss cheese	Aug. 1	4658*	3698	5026	4961
per farm	Aug. 1	19.8	15.1	17.1	13.6	All other cheese	Aug. 1	15454*	13890	14718	12106
per 100 lbs. of milk produced	Aug. 1	7.19	4.68	6.17	5.54	All varieties of cheese	Aug. 1	119291*	98850	134351	121202
Farm price of milk cows <sup>7</sup>	July 15	70	69	70	62.00	Total frozen poultry	Aug. 1	65138*	67470	52640	51613
Wisconsin butter receipts at 4 markets <sup>8</sup> , (000 omitted)	July	8866*	11645	10770	10254	Eggs, shell	Aug. 1	7017*	6977	6411	7874
Wisconsin cheese receipts at 4 markets <sup>8</sup> , (000 omitted)	July	9293*	9212	11131	11822	Eggs, shell and frozen, (case equivalent)	Aug. 1	11103*	11019	10278	11620
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>9</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	Aug. 1	77.6	80.9	78.5	76.9	Hens and pullets per farm flock	Aug. 1	61.3	64.3	59.3	60.5
Eggs per 100 hens and pullets <sup>2</sup>	Aug. 1	44.8	50.0	46.1	42.7	Eggs per 100 hens and pullets	Aug. 1	40.4	45.9	41.2	37.8
Eggs per farm flock <sup>2</sup>	Aug. 1	34.8	40.4	36.2	32.8	Eggs per farm flock	Aug. 1	24.4	29.0	24.2	22.7
Farm price of chickens <sup>2</sup> , per lb.	July 15	13.1	13.6	14.3	13.4	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>10</sup>, (000 omitted)</b>					
Farm price of eggs <sup>2</sup> , per doz.	July 15	14.7	13.6	18.6	18.3	Dry whole milk	July 1	4174*	3615	4272	3665
<b>Feed Price Changes</b>						<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>10</sup>, (000 omitted)</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	July	84.5	91.9	89.5	109.9	Dry skim milk	July 1	25859*	31982	59168	40981
Cost, 1000 lbs. dairy ration <sup>1</sup>	July	10.27	11.15	11.04	13.49	Dry buttermilk	July 1	4750*	5394	6016	5135
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	July	79.9	86.8	85.9	84.8	Condensed milk (case goods plus bulk goods)	July 1	19180*	14347	28972	26994
Wisconsin by-product feed costs per ton <sup>1</sup> , f. o. b. Madison	July	17.30	18.70	17.60	23.30	Evaporated milk (case goods)	July 1	292332*	209044	350790	255987
Standard bran	July	35.70	40.00	44.00	38.21	<b>Slaughtering under Federal Meat Inspection<sup>11</sup>, (000 omitted)</b>					
Linseed oil meal	July	21.35	22.60	23.45	27.27	Cattle	July	782	778	820	818
Corn gluten feed	July	50.90	54.00	47.80	46.38	Calves	July	417	448	436	493
Tankage	July	20.15	23.90	20.65	26.40	Sheep and lambs	July	1399	1401	1461	1409
Standard middlings	July	30.75	32.10	32.30	36.16	Hogs	July	2778	3185	2254	2325
Cottonseed meal	July	10.58	11.24	11.55	14.63	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	July	138.9	121.0	161.0	128.8	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	July	6.10	5.70	8.40	8.08	Wholesale prices <sup>12</sup> , 1910-14=100	July 15	110	110	115	117.2
Farm price of hogs <sup>13</sup> , per cwt.	July 15	5.70	5.90	5.90	5.10	All commodities	July 15	105	105	115	122.4
Farm price of beef cattle <sup>13</sup> , per cwt.	July 15	8.00	7.60	7.70	6.61	Foods	July 15	125.0*	124.7	130.7	131.9
Farm price of veal calves <sup>13</sup> , per cwt.	July 15					Retail food prices <sup>13</sup> , 1910-14=100	July 15		84.7	86.5	84.5
	July 15					Cost of living <sup>14</sup> , 1923=100	July				
<b>BUSINESS AND INDUSTRY</b>						<b>Factory employment (adjusted)<sup>15</sup></b>					
Index of employments <sup>15</sup> , 1925-27=100	July	88.8	86.8	91.3	91.0	No. of employees, 1923-25=100	June	92*	90	82	93.0
Index of pay rolls <sup>15</sup> , 1925-27=100	July	86.1	89.2	81.3	78.0	Business activity <sup>16</sup> , normal=100	June	91.4*	86.3	74.3	89.1
<b>World Price Levels<sup>11</sup></b>						<b>Industrial production (adjusted)<sup>16</sup></b>					
In gold, 1910-1914=100	July	61*	61	65	66.4	1923-25=100	June	98*	92	77	93.2
United States Levels <sup>11</sup>	July	62*	62	64	67.4	Freight-car loadings (adjusted) <sup>17</sup>	June	67	62	58	67.4
In gold, 1910-1914=100	July	104*	106	108	114.0	<b>Notes:</b> No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors—Cornell World Price Index of 40 Basic Commodities. * Preliminary.					

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission, Canning factory data included. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors—Cornell World Price Index of 40 Basic Commodities. \* Preliminary.

most 17 million Dairy Products Marketing Association holdings, and over 15 million Federal Surplus Commodities Corporation and relief holdings. During July commercial stocks increased a net of nearly 40 million pounds while the amounts held by other agencies were decreased. Total creamery butter stocks were 8 million pounds smaller on August 1 than a year ago. Compared with the 5-year average, stocks are still quite high.

**Cheese:** Total cheese stocks on August 1 were 119 million pounds compared with 134 million a year ago. Holdings of American, Swiss, and the miscellaneous types are reported to be smaller than last year, while Lim-

burger and brick and Munster stocks are somewhat larger. Except for Swiss, all types in storage total above the 5-year average.

**Poultry and Eggs:** While poultry in storage totaled less than a month before, stocks on August 1 were about 13 million pounds larger than a year ago and average. The holdings on the first of the month totaled 65 million pounds, or only 5 million less than two years earlier, while a month ago the difference was almost 10 million pounds. Egg stocks totaled an equivalent of over 11 million cases on August 1 or about equal to last month and average but somewhat larger than a year ago.

**Livestock Slaughtering:** Except hogs, fewer livestock were slaughtered under federal meat inspection during July than a year ago and average. Cattle slaughtered totaled less than for any July since 1935 and calves smaller than the same month since 1933. Sheep and lambs slaughtered during the month totaled less than last July but more than July 1936 and 1937. Hog slaughtering in July were largest for any July since 1934. July and August are usually the low months of hog slaughtering during the year.

**Wisconsin Farm Prices**

At 92 percent of the pre-war level for July, the state's farm price index was 2 points higher than for the

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)									Purchasing Power				Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops	Fruits and vegetables	Unclassified <sup>2</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>3</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>4</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>5</sup>	Index numbers of Wisconsin farm real estate values <sup>6</sup>	United States farm price index	Milk	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>7</sup>	Purchasing power (Column 14 divided by column 22) <sup>8</sup>	Number of U. S. farm real estate value <sup>9</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	-----	113	98	104	-----			
1911	91	92	111	85	90	91	99	100	118	98	93	92	95	96	87	95	91	102	-----	101	101	94	-----			
1912	102	101	111	95	103	101	117	90	111	101	101	102	100	106	95	102	100	94	-----	87	100	100	97			
1913	104	102	85	110	105	100	94	102	82	100	104	105	101	92	108	105	101	107	-----	97	101	100	100			
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	-----	85	100	101	103		
1915	101	99	117	101	103	101	90	89	89	109	93	94	98	120	104	103	101	82	-----	77	105	93	103			
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	-----	119	124	95	108		
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	117		
1918	196	192	216	200	224	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	129		
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	248	201	165	170		
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	247	202	165	149		
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	113	109	156	162	157	-----	248	201	165	170		
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	-----	156	152	93	135		
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	-----	156	149	89	139		
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	-----	216	152	93	135		
1925	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	-----	212	152	94	130		
1926	151	152	114	145	150	158	126	119	154	98	97	125	145	157	131	147	152	163	172	-----	172	153	97	127		
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	-----	138	143	122	155		
1928	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	-----	144	121	128	153		
1929	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	-----	149	144	152	155		
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	-----	141	149	144	153		
1931	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	92	108	108	98	-----	117	102	145	87		
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	-----	102	107	107	106		
1933	70	64	68	53	78	70	85	90	80	105	67	71	80	70	62	60	82	75	74	-----	105	64	109	61		
1934	81	76	101	69	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	-----	102	99	123	73		
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	-----	127	101	125	86		
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	-----	113	100	124	92		
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	106	126	132	124	111	122	-----	122	96	130	93		
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	-----	105	70	123	77		
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	102	91	110	123	113	70	105	-----	66	126	81	-----		
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	-----	111	68	126	77		
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	69	-----	101	70	125	77		
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	-----	98	71	125	75		
May	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	77	-----	88	71	125	74		
June	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	73	-----	92	68	124	74		
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	-----	99	71	123	77		
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	-----	92	69	122	75		
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	-----	107	69	121	79		
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	-----	107	72	121	79		
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	119	109	131	71	-----	102	73	121	78		
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	109	112	127	73	-----	108	70	120	80		
1939	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	86	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84	-----	
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	-----	94	66	112	109	97	76	-----	96	71	120	78		
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	-----	92	66	116	107	91	78	-----	108	70	120	77		
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	-----	91	66	116	100	88	81	-----	114	71	120	76		
Apr.	91	97	70	106	84	86	105	85	67	122 <sup>10</sup>	75 <sup>10</sup>	69 <sup>10</sup>	-----	89	67	114	95	87	82	-----	102	70	120	74		
May	91	96	74	104	85	82	106	85	69	122 <sup>10</sup>	75 <sup>10</sup>	70 <sup>10</sup>	-----	90	72	112	92	85	110	-----	72	120	75	-----		
June	90	92	75	97	88	78	106	85	71	122 <sup>10</sup>	74 <sup>10</sup>	72 <sup>10</sup>	-----	89	73	107	94	83	93	-----	105	73	121	74		
July	92 <sup>10</sup>	95	69	100	89 <sup>10</sup>	81	118	85	71	121 <sup>10</sup>	76 <sup>10</sup>	74 <sup>10</sup>	-----	89	66	107	96	89	101	-----	73	120	74	-----		

<sup>1</sup> Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup> Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup> Includes dry beans, flaxseed, hay, dry peas, sugar beets, and wool. <sup>4</sup> New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup> The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup> The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup> Average of estimated values, 1912-14 = 100. <sup>8</sup> These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup> Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup> Preliminary.

previous month but 10 points lower than a year ago. The index of purchasing power likewise rose 2 points from June to July although it was only 4 points lower than a year earlier. The index of prices paid for commodities bought by farmers was 121 percent of pre-war for July compared with 122 in June and 127 a year ago. The grain group, which was 6 points lower than in the preceding month, was the only group showing a decline. Groups showing increases from June to July were as follows: cash crops, 12 points; livestock, 3 points; poultry products, 3 points;

and milk, 1 point. Compared with a year ago, all groups remain lower, the most substantial declines being in the livestock and poultry product groups.

The state's average price of milk for all uses increased 1 cent from June to \$1.12 per hundredweight for July, compared with \$1.20 per hundredweight a year ago. All of the individual utilizations rose uniformly 1 cent from June to July and the July prices were as follows: milk for cheese, \$1.06 per hundredweight; milk used in butter, \$1.03; milk used by

condenseries, \$1.15; and milk delivered to market milk establishments was \$1.40 per hundredweight. The differential between milk used in cheese and butter remains at 3 cents in favor of cheese.

United States Farm Prices

Increases in the poultry product and dairy product groups from mid-June to mid-July were offset by declines in the fruit, grain, and truck crop groups and the United States farm price index was unchanged at 89 percent of pre-war.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service

WISCONSIN DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

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## IN THIS ISSUE

### September Crop Report

Crop prospects have improved during the past month both in Wisconsin and for the country as a whole. August rainfall was more nearly normal than that of July.

### 1939 Potato Prospects

Production of potatoes in the United States this year is estimated at about 364 million bushels, which is the smallest crop in several years. It is 7 million bushels under last year and 8 million bushels under the 10-year average.

### Cranberry Production Larger

A good cranberry crop is being reported for Wisconsin and the state's output is estimated at about 100,000 barrels compared with 64,000 barrels last year. For the United States the production is estimated at 629,000 barrels compared with 475,700 barrels a year ago.

### Milk Production

Milk production in Wisconsin is somewhat lower than a year ago but for the United States it continues at about last year's levels. Milk prices are now showing an upward trend.

### Egg Production

Flocks are larger this year in this state and also for the country as a whole. Egg prices have been relatively low this season. Egg production for the country as a whole is higher than a year ago.

### Current Changes

Factory employment and business conditions are above last year. While price levels generally have been lower, a definite increase as a result of the war activities is now in process.

### Prices Farmers Receive and Pay

During August no important changes were recorded in farm prices for Wisconsin, though the price index for the United States declined slightly. In recent weeks prices of farm products have been strengthened and this will probably be reflected in the September prices. While prices farmers receive in Wisconsin have been about 8 points below the 1910-14 level, prices paid for commodities bought have been about 22 points above the pre-war level.

CROP conditions during the past month have shown considerable improvement both in Wisconsin and for the country as a whole. In this state rains during August were nearly normal and while they were unevenly distributed the moisture supply was better than in July. Temperatures have been a little above normal and wind damage to corn and fruit trees was reported during the month.

Farm work has generally moved along quite rapidly and the harvesting of corn is now under way somewhat earlier than usual. Pasture conditions, while not as good as last year, are considerably above average for this time of the year. Production of hay in Wisconsin, while about 10 percent smaller than a year ago, is much larger than average and when combined with the carry-over of old hay from the big crop of 1938 it is clear that the hay supplies are adequate for the state as a whole.

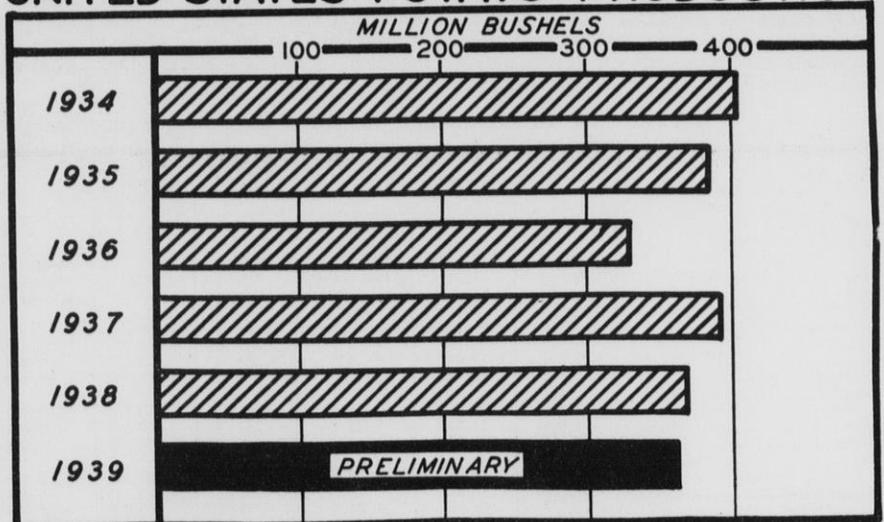
Wisconsin crops are making about average yields. Grain production has been somewhat disappointing in many counties partly due to the late seeding which resulted from the wet weather of early spring. Supplies of grain, however, are about average in the state. The Wisconsin corn crop has had a good season and the yield is now estimated at about 36 bushels per acre. Dry weather in east central

Weather Summary, August 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	August 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	50	91	65.6	62.6	5.66	3.18	+1.89
Spooner.....	46	96	67.8	66.1	4.61	3.50	+1.30
Park Falls....	46	90	67.4	63.6	4.93	4.21	+8.33
Rhinelander....	44	88	66.3	64.0	1.94	4.15	+4.33
Wausau.....	51	93	69.6	66.0	3.39	3.52	+2.53
Marinette....	46	92	69.4	68.3	2.97	3.02	-0.49
Escanaba.....	49	86	66.6	64.3	2.62	3.19	-0.58
Minneapolis....	52	94	71.2	69.9	3.65	3.12	-0.56
Eau Claire....	52	95	71.0	69.1	4.85	3.68	-0.67
La Crosse.....	53	91	71.2	70.0	6.74	3.71	-3.44
Hancock.....	50	93	70.2	68.6	3.06	3.41	-4.21
Oshkosh.....	52	94	70.2	68.8	3.62	3.04	-2.10
Green Bay....	52	91	70.0	67.7	2.27	3.18	-5.77
Manitowoc....	55	89	70.1	66.6	2.83	2.90	-5.17
Dubuque.....	54	92	71.9	71.7	4.27	3.24	+0.41
Madison.....	54	91	71.3	69.8	2.61	3.21	-6.09
Beloit.....	53	93	71.0	70.7	2.73	3.31	+0.36
Milwaukee....	55	90	72.0	69.2	5.03	2.66	-2.32

Wisconsin has reduced the yields in that area but some improvement occurred during August. With the early harvesting which has taken place and no frost damage reported so far, it is believed that the danger of losses of corn from frost is not large this year.

## UNITED STATES POTATO PRODUCTION



PREPARED BY WISCONSIN CROP REPORTING SERVICE

September estimates place the 1939 United States potato crop at 364,000,000 bushels. With the exception of 1936 this is the smallest crop in late years. The largest crop in the past decade was that of 1934. Production in the late potato states is, of course, influenced by September and early October weather conditions but ordinarily the estimates do not change so very much after September 1.

Crop Summary of Wisconsin for September 1, 1939

Crop	Acreage			Production				Unit	Yield per Acre			
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	September 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of		Indicated 1939	1938	10-year average 1928-37	
							1938					10-year average
Corn	2,257,000	2,351,000	- 4.0	81,252,000	90,514,000	71,042,000	89.8	114.4	Bus.	36.0	38.5	31.8
Potatoes	205,000	212,000	- 2.8	18,540,000	19,080,000	23,380,000	97.2	79.3	Bus.	90	90	88
Tobacco	23,500	24,700	- 4.9	33,000,000	32,710,000	32,098,000	100.9	102.8	Lbs.	1404	1324	1316
Oats	2,234,000	2,455,000	- 9.0	71,488,000	76,105,000	78,017,000	93.9	91.6	Bus.	32.0	31.0	31.5
Barley	794,000	771,000	+ 3.0	22,232,000	24,286,000	21,260,000	91.5	104.6	Bus.	28.0	31.5	27.4
Rye	251,000	330,000	- 23.9	2,510,000	4,290,000	2,515,000	55.5	99.8	Bus.	10.0	13.0	10.8
Winter wheat	41,000	67,000	- 38.8	615,000	1,106,000	578,000	55.6	105.4	Bus.	15.0	16.5	17.6
Spring wheat	50,000	53,000	- 5.7	800,000	901,000	1,245,000	88.8	64.3	Bus.	16.0	17.0	16.8
Buckwheat	10,000	12,000	- 16.7	120,000	150,000	187,000	80.0	64.2	Bus.	12.0	12.5	11.0
All tame hay	3,921,000	3,655,000	+ 7.3	5,842,000	6,479,000	4,429,000	90.2	131.9	Tons	1.49	1.77	1.37
Alfalfa hay	1,175,000	1,199,000	- 2.0	2,115,000	2,755,000	1,114,000	76.7	189.9	Tons	1.80	2.30	1.95
Clover and timothy hay	2,268,000	2,007,000	+ 13.0	3,062,000	3,010,000	2,816,000	101.7	108.7	Tons	1.35	1.50	1.25
Other tame hay	478,000	449,000	+ 6.5	665,000	711,000	499,000	93.5	133.3	Tons	1.39	1.58	1.25
Wild hay	166,000	184,000	- 9.8	174,000	184,000	273,000	94.6	63.7	Tons	1.05	1.00	.98
Dry peas	7,000	6,000	+ 16.7	98,000	84,000	274,000	116.7	35.8	Bus.	14.0	14.0	13.0
Dry beans	1,000	2,000	- 50.0	4,000	8,000	24,000	50.0	16.7	Cwt.	4.2	4.2	3.97
Flax	13,000	4,000	+225.0	143,000	44,000	64,000	325.0	223.4	Bus.	11.0	11.0	10.8
Sugar beets	17,200	14,400	+ 19.4	146,200	163,000	103,530	89.7	141.2	Tons	8.5	11.3	8.3
Peas for canning	68,300	102,300	- 33.2	100,400,000	198,400,000	145,524,000	50.6	69.0	Lbs.	1470	1940	1401
Corn for canning	18,900 <sup>3</sup>	26,200		39,700	57,600	27,800	68.9	142.8	Tons	2.1	2.2	2.2
Snap beans for canning	7,100 <sup>2</sup>	9,100		8,500	12,700	8,100	66.9	104.9	Tons	1.2	1.4	1.4
Lima beans for canning	1,700 <sup>3</sup>	1,900		1,520,000	2,600,000	600,000 <sup>4</sup>	58.5	253.3 <sup>4</sup>	Lbs.	900	1370	1000 <sup>4</sup>
Cabbage	11,700	15,600	- 25.3	76,100	182,700	114,700	41.7	66.3	Tons	6.50	11.67	7.06
Onions, commercial	1,250	1,210	+ 3.3	188,000	218,000	173,000	86.2	103.7	Cwt.	150	180	162
Cherries				8,350	8,600	8,699	97.1	96.0	Tons	58 <sup>1</sup>	59 <sup>1</sup>	68 <sup>1</sup>
Cranberries	2,500	2,400	+ 4.2	100,000	64,000	60,100	155.2	165.4	Bbls.	40.0	26.7	26.7
Pasture										64 <sup>2</sup>	89 <sup>2</sup>	54 <sup>2</sup>

<sup>1</sup> Percent of a full crop.

<sup>2</sup> September 1 condition.

<sup>3</sup> Planted acreage.

<sup>4</sup> 9-year average, 1929-37.

United States Crops

Crops for the United States have shown considerable improvement though conditions vary greatly in different parts of the country. In the Great Plains States there is a large region running from Texas to the Canadian border where crop conditions have been rather poor all year, and in this region feed supplies are generally under normal. In the important dairy regions of New York, northern Pennsylvania, and southern New England drought has prevailed during much of the summer and feed supplies and pastures in those areas are generally low. The North Central

region in general has good feed supplies, though in some sections they are only fair.

Among the improvements noted during the past month that which has occurred in corn is particularly important. The nation's corn crop is now estimated at 2,523,000,000 bushels, which is less than 1 percent below the big crop of last year and nearly 10 percent over average. Corn has improved materially during the past month. Grain supplies for the country as a whole are believed to be adequate though a little under last year's levels.

Potato Crop Under Last Year

September estimates placed the United States' crop of potatoes at 364 million bushels, which is 7 million less than the production of last year and 8 million bushels below average. Prospects for potatoes have improved somewhat during the past month but present indications point to below average production.

As usual, Maine is the leading potato state with an estimated production of over 47 million bushels this year compared with less than 40 million last year and a 5-year average of about 45 million. Idaho production this year will probably be at about

Crop Summary of the United States for September 1, 1939

Crop	Acreage (000 omitted)			Production (000 omitted)			1939 Production as a Percent of		Unit	Yield per Acre		
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	September 1, 1939 forecast	1938	10-year average 1928-37	1939 as a Percent of			Indicated 1939	1938	10-year average 1928-37
							1938	10-year average				
Corn	90,734	91,792	- 1.2	2,523,092	2,542,238	2,309,674	99.2	109.2	Bus.	27.8	27.7	23.0
Potatoes	3,074.3	3,019.6	+ 1.8	364,208	371,617	372,253	98.0	97.8	Bus.	118.5	123.1	111.4
Tobacco	1,802.5	1,602.8	+ 12.5	1,659,608	1,378,534	1,360,400	120.4	122.0	Bus.	920.7	860.1	803.2
Oats	33,574	35,477	- 5.4	929,968	1,053,839	1,049,300	88.2	88.6	Bus.	27.7	29.7	27.7
Barley	12,546	10,513	+ 19.3	264,163	252,139	233,021	104.8	113.4	Bus.	21.1	24.0	20.7
Rye	4,100	3,979	+ 3.0	40,834	55,039	36,330	74.2	112.4	Bus.	10.0	13.8	11.1
Winter wheat	38,572	49,711	- 22.4	550,710	686,637	550,160	80.2	98.3	Bus.	14.3	13.8	14.5
Durum wheat	3,095	3,545	- 12.7	32,652	40,445	35,076	80.7	93.1	Bus.	10.5	11.4	9.4
Spring wheat other than durum	13,333	16,965	- 21.4	152,753	203,719	157,716	75.0	96.9	Bus.	11.5	12.0	10.9
Flax	2,034	954	+113.2	17,246	8,171	11,943	211.1	144.4	Bus.	8.5	8.6	5.9
Buckwheat	390	453	- 13.9	5,767	6,682	7,964	86.3	72.4	Bus.	14.8	14.8	15.8
Tame hay	57,801	55,309	+ 2.6	74,728	80,299	68,765	93.1	103.7	Tons	1.29	1.43	1.24
Wild hay	11,386	11,774	- 3.3	8,999	10,444	9,414	86.2	95.6	Tons	.79	.89	.76
Pasture										69 <sup>1</sup>	76 <sup>1</sup>	61 <sup>1</sup>

<sup>1</sup> September 1 condition.

**Estimated 1939 Potato Production with Comparisons**  
(Thousand Bushels)

State	1939 (Preliminary)	1938	10-year average 1928-37
Maine.....	47,600	39,600	44,968
Idaho.....	28,980	28,750	23,308
Michigan.....	27,825	30,000	25,922
New York.....	24,662	26,840	29,005
Minnesota.....	22,705	20,700	25,691
Pennsylvania.....	21,546	22,002	25,584
California.....	19,610	18,720	10,117
Wisconsin.....	18,540	19,080	23,380
Ohio.....	12,744	12,626	12,308
Colorado.....	11,745	11,830	14,762
North Dakota.....	10,710	12,070	9,137
North Carolina.....	8,091	8,690	8,023
Other States.....	109,450	120,709	120,048
<b>United States Total</b> .....	<b>364,208</b>	<b>371,617</b>	<b>372,258</b>

last year's level. Some of the other important states, such as Michigan, New York, Pennsylvania, Wisconsin, Colorado, and North Dakota, are showing production somewhat below last year. Only a few of the important late potato states, such as Maine, Minnesota, Ohio, and California, are showing increases in production over last year.

**Other Crops Vary**

Tobacco production, which is important in some parts of Wisconsin, is very large this year. The weather has been quite favorable and in some states there have been shifts toward higher yielding varieties. As a result the national tobacco production is now estimated to be 20 percent above the 1938 crop and about 22 percent above the 10-year average.

As in Wisconsin, pasture conditions for the United States are not up to those of a year ago but they are well above the 10-year average. Feed supplies are considered adequate except in some of the drought regions already mentioned. The statistics of crops for both Wisconsin and the United States are shown in the accompanying tables.

**Cranberry Production**

Wisconsin's cranberry production is expected to be about 50 percent larger than that of 1938. Estimates for the United States indicate that the nation's cranberry crop will be about a third larger than the production of a year ago.

About 100,000 barrels of cranberries are expected to be produced in the state this year. If present prospects materialize, the cranberry production in Wisconsin will be 36,000 barrels larger than the 1938 crop and 40,000 barrels above the 10-year average.

Crop conditions vary in the 5 states producing cranberries. Growers in Massachusetts, the leading producer, report that the berries are small for this time of the year, but that there is expected to be little damage from worms. In New Jersey, rains in August decreased prospects for the crop. Growers in Wisconsin report that the berries are large and that the harvesting season began a week to 10 days earlier than usual.

Estimates for the United States show that the cranberry crop this year is expected to be about 629,000 barrels compared with 475,700 barrels harvested last year and 598,720 barrels reported as the 10-year average. Massachusetts, Wisconsin, and New Jersey report larger crops than last year, but a decrease in production is shown for Washington and Oregon.

The preliminary estimate of this year's cranberry production by states is given below with comparisons for recent years.

**Cranberry Production**

(Thousand of barrels)

State	Sept. 1, 1939 forecast	1938	1937	10-year average, 1928-37
Massachusetts.....	425	325	565	407.8
New Jersey.....	80	62	175	113.5
Wisconsin.....	100	64	115	60.1
Washington.....	17	17.2	18.5	12.8
Oregon.....	7	7.5	3.8	4.5
<b>United States.....</b>	<b>629</b>	<b>475.7</b>	<b>877.3</b>	<b>598.7</b>

**Wisconsin Milk Cow Prices**

The state average price received by Wisconsin farmers for milk cows was reported at \$69 per head on August 15 or a decline of \$1 per head from a month earlier as well as from a year ago. Compared with August 15 last year, declines occurred in the Southeast, Central, and South Districts. Increases were indicated in the West, Southwest, and Northwest Districts, while the North, Northeast, and East Districts remained unchanged.

**Wisconsin Milk Cow Prices, August 15, 1938 and 1939 and July 15, 1939**  
(Dollars per head)

District	August 15, 1939	July 15, 1939	August 15, 1938
1. Northwest.....	65	65	64
2. North.....	62	63	62
3. Northeast.....	60	61	60
4. West.....	66	67	65
5. Central.....	69	69	72
6. East.....	76	76	76
7. Southwest.....	67	69	65
8. South.....	78	79	80
9. Southeast.....	75	76	79
<b>State Average<sup>1</sup></b> .....	<b>69</b>	<b>70</b>	<b>70</b>

<sup>1</sup> State average price derived by weighting district prices by milk cow numbers.

**Wisconsin September Milk Production**

Although some improvement in pasture conditions occurred after the fairly good rains of the latter half of August, milk production per farm on September 1 was about 3 percent lower than a year ago. Information supplied by crop reporters indicates a production of 230.9 pounds of milk per farm. Milk production per cow milked was reported at 19.32 pounds on September 1 this year compared with 19.69 pounds on September 1 last year—a decline of slightly less than 2 percent. Since pasture conditions are poorer than a year ago, a significant decline in milk production could have been expected had it not been for the unusually heavy feeding of grain and concentrates.

On September 1 only 77 percent of the total feed of dairy correspondents' herds was obtained from pasture compared with nearly 90 percent a year earlier. Dairy correspondents, however, reported having fed 1.77 pounds of grain and concentrates per milk cow in herd on September 1, or 64 percent greater than a year ago. The reported figure for this September 1 represents the highest feeding of grain and concentrates per Wisconsin milk cow recorded on any September 1. The average number of milk cows per farm remained unchanged from a year ago. Wisconsin dairy correspondents are raising about 33 percent of all calves born during August as compared with 29 percent for August last year. No change has occurred in the percentage of calves sold or to be sold for veal as compared with a year ago.

While milk prices have been steadily rising since April, the cost of dairy ration has been declining since May. The dairy ration cost in August was \$9.68 per 1,000 pounds compared with \$11.41 in May this year and \$10.07 in August a year ago. One hundred pounds of milk would buy 121 pounds of dairy ration in August compared with 95 pounds in May and 115 pounds a year ago. The feed-milk price relationship was more favorable in August than in any other month of this year. Price changes since the first of September are likely to change the prevailing milk and feed price relationships.

**MILK PRODUCTION**

	Sept. 1 1939	Sept. 1 as a percent of		10-yr. average	
		1938	1938 average		
<b>WISCONSIN</b>					
Per farm.....	230.9	238.2	214.9	96.9	107.4
Per cow milked.....	19.32	19.69	18.63	98.1	103.7
Per cow in herd.....	15.89	16.43	15.04	96.7	105.7
<b>UNITED STATES</b>					
Per cow in herd.....	14.17	14.23	13.05	99.6	108.6

**United States Milk Production**

Milk production in the United States on September 1 was practically the same as the record high September 1 production of a year ago. Production per milk cow in herds kept by reporters was only .4 percent less than the record high production for the same date last year.

All major geographic divisions of the country, except in the Northeast, show a milk production per milk cow in herds of crop correspondents on September 1 which was well above average for that date. In the Northeast, dry weather has reduced pastures close to record low condition and unusually heavy supplementary feeding for this season of the year has been necessary to maintain production per cow just slightly above average. Of the major dairy states, only New York reported a milk production per cow below the September 1 average of 1928-37. Production per cow in all the central Corn Belt States was at or near record levels for September 1, apparently reflecting the unusually good pasturage available in that area this year. In the West, especially in the Pacific Coast States, Montana, Idaho, and Colorado, production per cow was unusually high in spite of only fair to poor pastures, probably as the result of fairly liberal supplementary feeding.

Milk production per cow in herds kept by crop correspondents on September 1 averaged 14.17 pounds for the entire country compared with 14.23 pounds on September 1 last year and a 1928-37 average of 13.05 pounds for September 1. In these herds 74.6 percent of all milk cows in herds were reported milked on September 1, compared with 75.0 percent a year ago and a range of 69.5 percent to 74.5 percent in the 13 preceding years for which records are available.

Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Wisconsin													Milk Cow Prices				Index Numbers of Prices Paid by Wis. Farmers <sup>17</sup>								
	Dairy Ration Cost				Poultry Ration Cost				Index Numbers of Feed Prices 1910-14=100					Wisconsin		United States		Commodities bought for use in farm family maintenance (1910-14=100)			Commodities bought for use in farm production (1910-14=100)					
	Cost per 1000 lbs. <sup>1</sup>	Index (1910-14=100)	Pounds 100 lbs. of milk would buy <sup>2</sup>	Lbs. of milk required to buy 100 lbs. of dairy ration <sup>3</sup>	Value—1000 lbs. <sup>4</sup>	Index (1910-14=100)	Pounds of feed 10 doz. eggs will buy <sup>5</sup>	Dozens of eggs required to buy 1000 lbs. of ration <sup>6</sup>	All feeds <sup>7</sup>	Mill feeds <sup>8</sup>	Protein feeds <sup>9</sup>	Feed grains, whole and ground <sup>10</sup>	Other feeds <sup>11</sup>	Price index (1910-14=100) <sup>10</sup>	Milk required to buy a cow <sup>11</sup>	Butterfat required to buy a cow <sup>12</sup>	Price index (1910-14=100) <sup>10</sup>	Butterfat required to buy a cow <sup>12</sup>	All family maintenance <sup>13</sup>	Food	Clothing	Furniture and furnishings	All farm production <sup>14</sup>	Farm machinery	Fertilizer	Seeds <sup>15</sup>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	100	98	81	35	142	86	161	98	96	97	101	100	103	102	108
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	100	87	41	173	89	188	97	96	97	101	100	103	102	108
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	110	105	92	38	161	93	171	99	98	98	99	104	97	100	107
1913	11.36	88	117	85	11.58	92.3	182	55	92	94	92	90	94	116	47	190	111	200	102	102	102	99	97	98	99	108
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	125	51	223	121	233	104	107	106	100	99	99	99	98
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	116	49	206	118	225	111	108	117	106	106	107	110	122
1916	14.48	113	107	93	15.32	122.1	163	61	112	106	112	122	112	121	42	186	124	207	127	126	135	120	117	110	114	114
1917	21.87	170	98	102	25.75	205.2	132	76	173	161	162	196	176	145	36	171	146	189	151	160	159	142	151	126	120	157
1918	24.08	187	105	95	27.71	220.8	143	70	179	151	192	215	187	165	36	164	169	183	181	181	214	175	172	155	154	232
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	194	37	161	187	173	215	210	271	208	194	161	173	314
1920	26.22	204	99	101	27.84	221.8	168	59	210	205	222	208	215	194	41	166	182	161	224	211	272	252	198	169	184	275
1921	13.08	102	129	77	13.14	104.7	250	40	104	96	128	98	115	108	34	146	109	149	166	146	199	198	132	150	144	132
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	106	30	133	113	131	150	147	185	194	135	143	136	145
1923	15.37	120	136	74	15.42	122.9	189	53	126	122	155	114	135	119	36	146	113	139	159	143	189	194	137	153	139	160
1924	16.24	126	109	92	17.02	135.6	177	56	127	113	144	136	136	119	35	143	118	138	166	156	190	187	144	154	148	192
1925	16.30	127	117	86	18.73	149.2	177	56	128	124	142	139	141	123	35	143	118	138	164	156	184	183	143	156	143	209
1926	14.50	113	131	76	15.87	126.5	197	51	118	111	145	111	126	150	42	176	133	159	164	156	184	183	143	156	147	208
1927	16.13	126	131	76	17.52	139.6	163	61	134	131	149	128	138	167	43	179	151	170	159	153	177	188	146	156	154	201
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	151	191	48	199	183	197	159	163	177	188	146	156	154	201
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	168	126	140	200	53	220	191	208	156	146	175	186	144	156	149	208
1930	14.09	110	116	86	15.00	119.5	161	62	114	105	142	112	122	157	52	218	151	215	146	135	164	179	134	154	145	159
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	105	49	198	104	207	125	106	141	153	116	151	138	156
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	72	44	181	75	207	107	87	118	130	103	141	136	109
1933	9.06	70	108	92	8.64	68.8	167	60	72	67	88	68	80	66	32	155	68	177	105	89	115	120	104	139	124	104
1934	13.61	106	80	125	12.63	100.6	139	72	104	100	112	104	107	67	33	137	66	144	119	104	133	130	124	148	140	139
1935	13.36	104	99	101	14.13	112.6	169	59	106	102	107	111	111	109	44	185	95	167	124	118	133	132	124	152	115	162
1936	14.01	109	108	92	15.52	123.6	147	68	113	108	117	116	117	127	45	189	107	164	124	116	134	134	128	152	108	178
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	125	138	131	135	46	194	115	171	130	120	142	140	140	158	109	258
1938	11.30	88	113	88	11.38	90.7	182	55	91	85	118	84	96	131	55	230	115	216	124	105	137	137	130	163	128	206
Jan.	12.86	100	126	79	12.75	101.6	164	61	104	104	126	92	106	132	44	182	115	170	128	116	140	140	134	160	115	247
Feb.	12.83	100	116	86	12.62	100.6	123	81	102	99	128	92	105	134	48	200	116	187	126	113	138	139	135	160	122	240
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	103	136	53	209	116	191	125	110	137	138	136	161	128	250
Apr.	11.98	93	108	93	11.91	94.9	130	77	95	89	121	89	99	132	55	215	116	211	125	109	137	138	135	163	128	250
May	11.96	93	103	97	11.71	93.3	153	65	94	88	122	89	98	130	57	233	115	226	124	107	137	138	135	165	128	250
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	96	132	59	254	115	240	124	106	137	138	131	165	128	221
July	11.04	86	109	92	11.55	92.0	161	62	89	90	119	86	96	130	58	250	115	234	124	105	137	138	131	165	128	221
Aug.	10.07	78	115	87	10.66	84.9	183	55	81	71	113	78	90	130	60	250	114	232	123	104	137	138	127	164	127	191
Sept.	10.22	80	114	87	10.68	85.1	225	44	82	72	108	80	90	130	60	250	113	232	123	103	137	138	124	163	127	162
Oct.	10.14	79	118	84	10.35	82.5	266	38	80	71	111	76	89	130	58	250	114	231	123	103	137	137	124	163	127	162
Nov.	10.19	79	124	81	10.03	79.9	288	35	82	77	113	72	89	127	54	243	116	228	122	102	138	136	124	163	127	162
Dec.	10.64	83	121	82	10.66	84.9	241	41	87	83	117	75	89	130	54	233	117	214	122	102	138	135	124	163	127	162
1939																										
Jan.	10.97	85	112	89	11.05	88.0	150	67	91	88	120	78	95	130	57	241	119	233	122	101	136	134	124	162	126	160
Feb.	10.80	84	110	91	10.66	84.9	144	70	89	88	114	77	94	134	61	248	121	239	121	100	135	133	125	161	126	157
Mar.	11.02	86	102	98	10.98	87.5	141	71	94	97	115	77	97	134	64	267	121	263	120	99	133	132	125	160	125	155
Apr.	11.29	88	94	107	11.26	89.7	134	75	98	106	115	78	100	132	67	284	119									

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN										UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>2</sup>							
	Milk prices by uses <sup>3</sup> (cwt.)				Milk prices by uses in per cent of average				Butter-fat <sup>4</sup> (lb.)	Farm butter <sup>4</sup> (lb.)	Butter-fat <sup>4</sup> (lb.)	Milk <sup>5</sup> (cwt.)	Butter <sup>5</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>6</sup> (case)	Cheese and butter prices compared <sup>7</sup>	
	For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>8</sup>	Swiss <sup>8</sup>	Brick <sup>8</sup>	Limburger <sup>8</sup>		Cheese div. by butter	Butter div. by cheese
\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.	\$	%	%		
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60		
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.2	6.50	
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.8	18.8	5.45	
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	
1924	1.75	1.68	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.0	4.60	
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.60	45.8	22.7	28.0	21.4	20.2	4.70	
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.63	46.0	22.1	28.7	21.4	20.8	4.55	
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.42	43.8	20.1	28.9	19.1	19.5	4.30	
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.30	
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	16.1	3.26	
1937	1.59	1.48	1.51	1.63	1.95	93	95	108	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	34.	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.	31.	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.1	1.57	25.6	12.3	19.8	12.0	12.6	3.00	
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.2	1.56	25.4	12.0	17.5	11.8	11.5	3.00	
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.	27.	24.1	1.59	25.5	10.8	16.8	10.4	12.0	2.90	
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.67	25.5	11.0	14.0	10.4	10.8	2.90	
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.	29.	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	
1939																				
January	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.	26.	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	
February	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.	26.	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	
March	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.	25.	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	
April	1.06	.96	.96	1.08	1.45	91	91	102	137	25.	23.	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	
May	1.08	1.00	.98	1.11	1.41	93	91	103	131	25.	23.	21.5	1.41	22.8	11.9	17.0	10.8	11.1	2.90	
June	1.11	1.05	1.02	1.14	1.39	95	92	103	125	26.	24.	22.2	1.43	23.7	12.5	17.0	11.5	11.2	2.90	
July	1.12	1.05	1.04	1.15	1.42	94	93	103	127	26.	24.	22.0	1.52	23.2	12.0	17.0	11.1	11.5	2.90	
August	1.17*	1.10*	1.08*	1.19*	1.49*	94*	92*	102*	127*	27.	25.	22.4	1.61*	23.5	12.4	16.4	11.5	11.5	2.90	

<sup>1</sup>For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents.

<sup>2</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk, 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>3</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

On September 1 flocks produced 39.9 eggs for each 100 hens and pullets of laying age compared with 40.8 a year ago and the 10-year average of 38.3 eggs. Production per farm was reported at 31.1 eggs on September 1 this year and last year while the 10-year average production is 27.8 eggs.

Poultry ration feed costs averaged \$10.02 per 1,000 pounds in mid-August compared with \$10.66 last year. Farm egg prices were reported at 15.7 cents a dozen in mid-August compared with 19.5 cents a year ago, although the price is highest since January of this year. On this basis 10 dozen eggs would buy about 157 pounds of a

poultry ration in August compared with 183 pounds a year ago and the 5-year average of 142 pounds. Farm chicken prices averaged 12.2 cents per pound in mid-August, the lowest average price since December 1936. A year ago Wisconsin farmers received an average of 14 cents a pound.

United States Egg Production

Larger farm laying flocks and higher egg production than last year were reported by crop correspondents on September 1. Reports up to that time indicated the probability of an increase in the size of the laying flocks of about

6 percent in the coming winter months. Prices of poultry products have been low which is likely to have some effect upon the number of layers to be kept. More pullets not of laying age are now on farms than a year ago.

Farm flocks averaged 62.1 hens and pullets of laying age on September 1 compared with 59.8 last year. The rate of laying increased to 36 eggs per 100 layers from an average of 35.3 eggs reported a year ago. The effect of more layers and a higher rate of laying was to increase the production per farm to 21.8 eggs on September 1 from 20.7 eggs a year earlier.

<sup>5</sup>Wholesale price of 92-score butter at Chicago.

<sup>6</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins.

<sup>7</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>8</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.

<sup>9</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920 incl. are manufacturer's prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.

<sup>10</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.

\*Preliminary.

Prices Received by Wisconsin Farmers for Farm Products<sup>1</sup>

Year	LIVESTOCK, POULTRY AND WOOL										GRAINS							SEEDS			HAY (Loose)		OTHER CROPS					
	Hogs	Beef cattle	Veal calves	Milk cows	Sheep	Lambs	Wool	Horses	Chickens	Eggs	Wheat	Corn	Oats	Barley	Rye	Buckwheat	Flaxseed	Red clover	Alfalfa	Timothy	All	Alfalfa	Clover and timothy mixed	Potatoes	Dry beans	Apples		
	cwt.	cwt.	cwt.	head	cwt.	cwt.	lb.	head	lb.	doz.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	ton	ton	ton	bu.	bu.	bu.		
1910-14	7.35	4.90	7.23	53.67	4.25	6.01	20.1	169.83	11.2	21.3	90.8	59.5	39.0	69.2	69.1	72.8	171.1	8.83	-----	-----	12.78	-----	-----	50.7	2.25	1.10		
1914	7.65	5.83	8.22	66.90	4.64	6.60	19.6	172.50	11.6	22.3	89.5	63.8	39.1	65.7	55.2	72.6	138.2	7.72	-----	-----	10.00	12.57 <sup>2</sup>	-----	50.9	2.22	1.22		
1915	6.55	6.46	7.95	62.30	5.00	7.08	25.2	161.40	11.0	21.7	114.7	71.9	45.1	63.3	97.0	83.7	136.2	8.07	-----	-----	2.79	9.88	12.88	-----	37.2	2.91	.97	
1916	8.47	5.90	8.87	64.80	5.87	8.26	30.3	156.50	13.0	25.0	119.4	79.5	44.2	78.5	98.6	94.0	192.2	9.40	-----	-----	2.90	11.29	14.80	-----	98.3	4.75	1.04	
1917	14.17	7.52	11.46	77.65	8.85	12.36	49.2	151.35	16.2	23.9	198.0	143.8	62.4	121.3	165.9	149.5	283.3	10.95	-----	-----	2.90	14.28	19.82	-----	163.3	8.28	1.47	
1918	16.09	8.71	13.17	88.70	10.22	14.17	63.3	147.65	20.2	39.5	205.6	152.3	75.4	125.2	180.5	171.5	381.3	17.26	-----	-----	3.99	19.42	27.58	-----	78.6	6.27	1.58	
1919	16.52	9.02	14.31	104.25	9.08	13.51	53.0	143.75	22.9	43.8	212.7	140.4	65.8	107.6	136.9	138.9	384.3	25.86	-----	-----	4.78	20.68	27.63	-----	114.4	4.22	1.97	
1920	12.93	7.82	12.47	104.30	7.83	12.52	38.0	141.25	24.0	46.8	214.7	137.3	78.6	121.9	162.6	166.6	354.8	22.03	-----	-----	3.99	19.42	27.58	-----	223.3	3.97	2.31	
1921	7.61	4.57	7.62	58.20	3.99	7.37	18.7	114.35	19.8	32.9	120.1	59.5	37.2	60.0	104.1	100.1	162.2	10.60	-----	-----	2.93	15.51	21.78	-----	79.9	2.88	2.06	
1922	8.32	4.54	7.73	57.00	4.82	7.39	17.8	111.25	18.3	28.5	107.3	59.2	37.7	55.6	76.3	80.5	203.7	11.04	-----	-----	3.01	15.04	20.32	-----	80.0	3.85	2.15	
1923	6.29	4.57	7.99	62.35	5.16	10.55	37.9	111.65	17.3	29.2	105.0	77.7	42.4	60.9	66.8	84.0	214.4	11.42	-----	-----	3.31	13.41	20.18	-----	58.9	4.28	1.60	
1924	7.97	4.67	8.17	63.75	5.22	10.83	37.7	106.90	17.8	30.2	113.5	94.4	49.2	73.0	77.1	97.6	215.5	13.08	-----	-----	3.69	15.33	21.22	-----	64.6	3.65	1.62	
1925	10.87	5.18	9.7	66.25	6.13	12.36	40.3	108.15	19.2	33.2	143.7	102.9	43.9	79.8	98.8	97.8	238.3	15.84	-----	-----	3.20	13.02	18.18	-----	84.6	3.63	1.93	
1926	11.70	5.73	10.14	80.50	6.19	12.09	35.9	111.65	21.4	31.3	137.2	74.3	39.2	65.4	82.2	78.8	205.0	16.41	-----	-----	3.36	13.82	18.82	-----	158.3	3.16	1.42	
1927	9.52	6.49	10.57	89.85	5.75	11.85	33.0	113.75	20.3	28.6	123.1	87.1	46.2	72.8	85.4	84.6	192.7	18.58	-----	-----	2.41	14.25	18.57	-----	117.2	3.27	1.53	
1928	8.74	8.22	12.14	102.40	6.05	12.37	39.2	117.60	20.7	30.3	117.4	92.8	52.3	79.8	98.1	88.0	189.7	16.02	-----	-----	2.09	13.06	18.53	-----	65.0	4.72	1.67	
1929	9.50	8.32	12.43	107.25	6.07	12.23	34.5	117.90	22.0	31.5	111.7	88.2	45.7	64.9	89.7	88.7	237.0	15.09	-----	-----	2.29	12.06	18.93	-----	115.8	3.86	1.59	
1930	8.82	6.54	9.87	84.40	4.33	8.56	23.8	108.15	17.4	24.1	93.1	77.9	38.9	58.0	60.7	87.3	212.0	10.52	-----	-----	2.86	11.08	16.10	-----	115.8	3.86	1.59	
1931	5.76	4.37	6.70	56.85	2.62	6.22	14.8	91.00	14.7	17.8	63.7	56.7	28.5	44.8	37.9	63.4	124.6	9.79	13.17	-----	2.76	10.88	14.75	-----	56.7	2.45	1.37	
1932	3.38	3.07	4.60	33.75	1.80	4.67	10.8	83.75	11.0	15.9	54.6	36.8	23.3	37.3	35.5	45.6	103.6	7.00	9.69	-----	1.45	10.30	13.64	10.64 <sup>3</sup>	26.2	1.42	.90	
1933	3.44	2.85	4.31	35.50	1.90	4.97	10.3	92.25	8.8	14.4	68.2	38.3	26.9	42.8	48.7	61.9	125.2	6.18	8.94	-----	1.66	9.27	12.05	-----	49.0	1.49	1.00	
1934	4.12	2.91	4.51	35.90	2.35	6.11	23.8	108.40	10.2	17.6	89.2	59.8	40.7	75.6	63.0	68.9	157.8	8.77	10.51	-----	4.98	13.68	18.94	-----	14.69	55.8	1.85	1.31
1935	8.57	5.21	7.05	58.40	3.10	7.20	21.7	123.90	14.3	23.9	94.2	74.2	37.8	73.0	51.8	67.2	142.7	9.82	12.86	-----	4.85	12.72	15.65	-----	13.48	33.6	1.82	1.10
1936	9.12	5.18	7.58	68.25	3.22	8.10	27.8	131.35	15.2	22.8	103.4	81.2	35.9	81.7	63.8	65.6	158.8	11.18	12.00	-----	2.02	9.36	11.59	-----	9.41	89.7	2.26	1.15
1937	9.52	6.15	8.23	72.60	3.53	8.90	31.9	133.60	15.3	21.2	115.8	101.1	44.2	83.2	85.7	91.6	181.2	17.54	17.88	-----	2.11	11.22	14.45	-----	11.77	79.7	3.45	1.31
1938	7.62	5.62	7.98	70.50	2.78	7.12	20.8	126.65	14.9	20.7	76.6	54.2	28.7	56.2	50.7	65.9	163.8	14.47	15.98	-----	1.40	8.20	11.02	-----	8.92	46.0	1.81	1.02
1939	7.50	5.40	8.20	71.	3.35	7.30	28.	125.	16.9	20.9	92.	58.	32.	64.	70.	73.	178.	18.70	17.90	-----	1.40	9.70	13.20	-----	11.00	46.	1.96	1.00
Jan.	7.80	5.40	8.10	72.	2.70	7.20	24.	125.	15.9	15.3	91.	58.	32.	65.	69.	73.	178.	19.40	18.10	-----	1.45	9.50	13.50	-----	10.60	46.	1.92	1.05
Feb.	8.30	5.60	7.90	73.	3.45	7.40	21.	132.	16.3	16.3	90.	57.	32.	64.	64.	72.	175.	19.80	19.00	-----	1.55	9.40	12.70	-----	10.20	43.	1.95	.95
Mar.	7.60	5.70	7.50	71.	3.15	7.40	18.	132.	17.3	15.5	86.	57.	31.	60.	55.	75.	174.	20.30	19.70	-----	1.40	9.50	13.00	-----	10.00	42.	1.92	1.00
Apr.	7.40	5.70	7.20	70.	3.15	6.90	18.	125.	16.2	17.9	83.	57.	31.	60.	55.	71.	172.	18.80	17.50	-----	1.55	8.68	11.60	-----	9.40	46.	1.86	1.20
May	8.00	5.50	7.70	71.	2.70	7.30	17.	127.	15.1	17.8	80.	56.	30.	52.	51.	68.	159.	15.70	16.30	-----	1.35	8.50	11.10	-----	8.60	55.	1.89	1.15
June	8.40	5.90	7.70	70.	2.60	7.60	18.	127.	14.3	18.6	77.	59.	30.	49.	50.	64.	161.	15.10	16.20	-----	1.35	7.90	10.50	-----	8.40	65.	1.83	1.25
July	7.60	5.60	8.10	70.	2.50	6.90	21.	127.	14.0	19.5	66.	55.	24.	49.	39.	70.	156.	11.40	13.10	-----	1.35	7.30	10.00	-----	8.20	48.	1.86	.80
Aug.	8.10	5.70	8.80	70.	2.30	6.80	21.	124.	13.6	24.0	64.	54.	25.	54.	38.	65.	154.	8.90	13.00	-----	1.30	7.00	9.10	-----	8.00	38.	1.74	.85
Sept.	6.90	5.70	8.70	70.	2.40	6.80	22.	124.	13.0	27.5	63.	49.	25.	54.	39.	56.	154.	8.40	13.30	-----	1.35	6.90	8.80	-----	7.50	36.	1.59	.90
Oct.	7.00	5.50	8.30	68.	2.55	7.00	22.	126.	12.6	28.9	63.	44.	25.	52.	39.	51.	152.	8.40	13.80	-----	1.40	7.00	9.40	-----	7.50	41.	1.53	.95
Nov.	6.80	5.80	7.60	70.	2.55	7.30	21.	126.	13.1	25.7	64.	46.	27.	52.	39.	53.	153.	8.70	13.80	-----	1.35	7.10	9.40	-----	7.70	46.	1.65	1.20
Dec.	6.80	5.80	7.60	70.	2.55	7.30	21.	126.	13.1	25.7	64.	46.	27.	52.	39.	53.	153.	8.70	13.80	-----	1.35	7.10	9.40	-----	7.70	46.	1.65	1.20
Jan.	6.80	5.80	7.90	70.	2.55	7.30	21.	126.	13.5	16.6	65.	47.	28.	54.	41.	51.	160.	8.70	14.00	-----	1.35	7.00	8.60	-----	7.70	50.	1.68	1.20
Feb.	7.20	5.90	8.70	72.	2.80	7.40	21.	124.	14.4	15.3	65.	46.	28.	53.	40.	50.	154.	9.10	14.30	-----	1.45	7.40	8.60	-----	7.70	49.	1.59	1.30
Mar.	7.20	6.00	8.40	72.	3.00	7.40	21.</																					

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	Aug.	92*	92	97	108	Index of farm prices <sup>1</sup> , 1910-14=100	Aug.	88	89	92	108
Prices farmers pay <sup>2</sup> , 1910-14=100	Aug.	122*	122*	125	126	Prices farmers pay <sup>2</sup> , 1910-14=100	Aug.	119	120	122	126
Purchasing power, farm products <sup>3</sup> , 1910-14=100	Aug.	75*	75*	78	86	Purchasing power, farm products <sup>3</sup> , 1910-14=100	Aug.	74	74	75	86
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>4</sup></b>					
Farm price of milk <sup>5</sup> , cwt.	Aug.	1.17*	1.12	1.16	1.33	Farm price of butterfat, per lb.	Aug. 15	22.4	22.0	24.1	27.7
Farm price of butterfat <sup>5</sup> , cts.	Aug. 15	27	26	28	31.4	Price (wholesale), 92-score butter, Chicago, per lb.	Aug.	23.54	23.23	25.50	28.62
Price, American cheese, Wis. Cheese	Aug.	12.44	12.00	10.75	14.14	Butter receipts at 4 markets, (000 omitted)	Aug.	67298*	73958*	86447	62127
Exchange (twins) per lb.	Sept. 1	15.89	17.66	16.43	15.57	Cheese receipts at 4 markets, (000 omitted)	Aug.	13243*	12352*	13069	14843
Milk production per cow in herd <sup>6</sup> , lbs.	Sept. 1	230.9	258.1	238.2	222.3	Milk production per cow in herd	Sept. 1	14.17	15.10	14.23	13.23
Milk production per farm <sup>6</sup> , lbs.	Sept. 1	19.32	20.20	19.69	18.73	<b>Cold-Storage Holdings<sup>7</sup>, (000 omitted)</b>					
Milk production per cow milked <sup>6</sup> , lbs.	Aug.	4.51	4.29	4.36	4.18	Creamery butter	Sept. 1	173093*	165183	201252	145113
Cows in herd freshening <sup>6</sup> , lbs.	Aug.	32.91	26.68	29.20	23.26	American cheese	Sept. 1	103604*	97448	127862	103986
Calves born during month <sup>6</sup> , %	Sept. 1	1.77	1.36	1.08	1.12	Swiss cheese	Sept. 1	6196*	4661	6910	6097
Grains and concentrates fed <sup>6</sup> , % per cow in herd	Sept. 1	25.5	19.8	15.4	15.2	All other cheese	Sept. 1	15085*	15489	15476	11674
per farm	Sept. 1	10.49	7.19	6.07	6.94	All varieties of cheese	Sept. 1	124885*	117598	150248	121757
per 100 lbs. of milk produced	Aug. 15	69	70	70	61.40	Total frozen poultry	Sept. 1	63789*	64918	54941	53024
Farm price of milk cows <sup>8</sup>	Aug.	7119*	8866*	10850	8719	Eggs, shell	Sept. 1	6596*	7024	5942	7330
Wisconsin butter receipts at 4 markets <sup>8</sup> , (000 omitted)	Aug.	9984*	9293*	9473	10898	Eggs, shell and frozen, (case equivalent)	Sept. 1	10479*	11149	9514	10864
Wisconsin cheese receipts at 4 markets <sup>8</sup> , (000 omitted)	Aug.	9984*	9293*	9473	10898	<b>Poultry Production<sup>9</sup></b>					
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>9</sup></b>					
Hens and pullets per farm flock <sup>9</sup>	Sept. 1	78.0	77.6	76.4	74.4	Hens and pullets per farm flock	Sept. 1	62.1	61.3	59.8	59.7
Eggs per 100 hens and pullets <sup>9</sup>	Sept. 1	39.9	44.8	40.8	39.3	Eggs per 100 hens and pullets	Sept. 1	36.0	40.4	35.3	33.1
Eggs per farm flock <sup>9</sup>	Sept. 1	31.1	34.8	31.1	29.4	Eggs per farm flock	Sept. 1	21.8	24.4	20.7	19.5
Farm price of shiekens <sup>9</sup> , per lb.	Aug. 15	12.2	13.1	14.0	13.8	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>4</sup>, (000 omitted)</b>					
Farm price of eggs <sup>9</sup> , per doz.	Aug. 15	15.7	14.7	19.5	20.3	Dry whole milk	Aug. 1	4624*	4178	6260	4407
<b>Feed Price Changes</b>						<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>4</sup>, (000 omitted)</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	Aug.	79.4	84.5	81.1	106.8	Dry skim milk	Aug. 1	27609*	25861	59764	40135
Cost, 1000 lbs. dairy ration <sup>1</sup>	Aug.	9.68	10.27	10.07	13.26	Dry buttermilk	Aug. 1	3907*	4757	6437	5686
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Aug.	120.9*	109.1	115.2	103.1	Condensed milk (case goods plus bulk goods)	Aug. 1	21074*	19180	32099	28667
Wisconsin by-product feed costs per ton f. o. b. Madison	Aug.	17.15	17.30	16.00	21.93	Evaporated milk (case goods)	Aug. 1	341686*	292393	392641	253100
Standard bran	Aug.	30.80	35.70	41.00	39.17	<b>Slaughtering under Federal Meat Inspection<sup>7</sup>, (000 omitted)</b>					
Linseed oil meal	Aug.	21.20	21.35	22.80	29.17	Cattle	Aug.	823*	782	848	889
Corn gluten feed	Aug.	48.90	50.90	47.90	48.98	Calves	Aug.	414*	417	457	505
Tankage	Aug.	17.85	20.15	16.75	23.89	Sheep and lambs	Aug.	1457*	1399	1603	1538
Standard middlings	Aug.	30.60	30.75	30.95	36.41	Hogs	Aug.	2792*	2778	2467	2124
Cottonseed meal	Aug.	10.02	10.58	10.66	14.83	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	Aug.	156.7	138.9	182.9	142.0	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>1</sup> , lbs.	Aug.	5.30	6.10	7.60	8.75	Wholesale prices <sup>11</sup> , 1910-14=100	Aug. 15	109	110	114	118.2
Farm price of hogs <sup>11</sup> , per cwt.	Aug. 15	5.70	5.70	5.60	5.16	All commodities	Aug. 15	103	105	113	124.6
Farm price of beef cattle <sup>11</sup> , per cwt.	Aug. 15	8.30	8.00	8.10	7.08	Food	Aug. 15			123.1	131.3
Farm price of veal calves <sup>11</sup> , per cwt.	Aug. 15					Retail food prices <sup>11</sup> , 1910-14=100	Aug. 15			85.9	84.5
<b>BUSINESS AND INDUSTRY</b>						<b>Cost of living<sup>12</sup>, 1923=100</b>					
Index of employment <sup>12</sup> , 1925-27=100	Aug.	88.8*	88.8	86.0	87.2	<b>Factory employment (adjusted)<sup>13</sup></b>					
Index of pay rolls <sup>12</sup> , 1925-27=100	Aug.	90.4*	86.1	80.3	77.7	No. of employees, 1923-25=100	July	92*	91	83	93.6
<b>World Price Levels<sup>11</sup></b>						<b>Business activity<sup>14</sup>, normal=100</b>					
In gold, 1910-1914=100	Aug.	60*	61	63	66.8	Industrial production (adjusted) <sup>14</sup> , 1923-25=100	July	92.4*	91.5	79.0	90.2
United States Levels <sup>11</sup>	Aug.	61*	61	63	68.4	1923-25=100	July	102*	98	83	93.4
In gold, 1910-1914=100	Aug.	103*	104	107	115.6	Freight-car loadings (adjusted) <sup>14</sup> , 1923-25=100	July	69	67	61	67.6
In currency, 1910-1914=100	Aug.					<b>1 Wisconsin Crop Reporting Service. 2 As reported by Wisconsin crop reporters. 3 Bureau of Agricultural Economics, United States Department of Agriculture. 4 As reported by Wisconsin dairy reporters. 5 Wisconsin Industrial Commission, Canning factory data included. 6 Bureau of Labor Statistics Index No. corrected to 1910-14 base. 7 National Industrial Conference Board. 8 Federal Reserve Board. 9 The Annalist. 10 1934-38. 11 General Motors-Cornell World Price Index of 40 Basic Commodities. * Preliminary.</b>					

**Dry, Condensed, and Evaporated Milk:** Stocks of these products in manufacturers' hands were smaller on August 1 than a year earlier. Compared with the 5-year average, stocks of dry whole milk and evaporated milk (case goods) were larger at the beginning of August while other stocks in this group were smaller.

Dry skim milk stocks of nearly 28 million pounds were the smallest August 1 holdings since 1936 and are much below the 5-year average. Whole milk stocks were reported at 4.6 million pounds compared with over 6.2 million a year earlier, while dry buttermilk stocks on August 1 totaled less than 4 million compared with nearly 6½ million pounds last year.

Condensed milk stocks on August 1 were about one-third smaller than a year before totaling 21 million this year. The holdings of evaporated milk (case goods) totaling almost 342 mil-

lion pounds were reported to be the second largest August 1 stocks on record.

**Livestock Slaughter:** August slaughter under federal meat inspection of cattle, hogs, and sheep and lambs was larger than in July while the number of calves slaughtered was smaller. Except for a larger number of hogs being slaughtered in August this year, slaughtering of livestock are smaller than a year ago and the average.

Slaughter of cattle and calves in August totaled nearly 823,000 and 414,000 head, respectively, the smallest number for the month since 1932, but larger than in August of most years on record prior to 1933. Sheep and lamb slaughter in recent months has been at a lower level than in 1938. More hogs were slaughtered under federal meat inspection in August than for that month since 1933.

Wisconsin Farm Prices

The index of prices received by Wisconsin farmers for commodities sold in August remained unchanged from July, but was, however, 92 percent of the level of prices during the pre-war years of 1910-14. The August index also showed a decline of 5 points from the index of August a year ago. Since the index of prices of commodities bought by Wisconsin farmers remained unchanged from July at 122 percent of the 1910-14 level, the index of purchasing power also remained unchanged. The index of purchasing power, however, was 75 percent of the pre-war level and 3 points lower than one year ago. The milk and poultry product groups increased 3 and 2 points, respectively, while the livestock, cash crop and grain groups declined 6, 4, and 3 points from July. Compared with one year ago, the livestock group de-

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops	Fruits and vegetables	Unclassified <sup>2</sup>	Prices paid by Wisconsin farmers for commodities bought (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>3</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>4</sup>	Index numbers of Wisconsin farm real estate values <sup>5</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>6</sup>	Purchasing power (Column 14 divided by column 22) <sup>7</sup>	Index number of U. S farm real estate value <sup>8</sup>		
1910	99	99	101	101	98	103	84	100	103	98	101	100	-----	102	104	103	99	104	101	-----	113	98	104	-----		
1911	91	92	111	85	90	91	99	100	118	98	101	100	-----	95	96	87	95	91	102	-----	101	101	94	-----		
1912	102	101	111	95	103	101	117	90	111	101	101	102	97	100	106	95	102	100	94	-----	87	100	100	9.		
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	102	113	102	106	91	-----	85	101	100	104		
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	-----	87	100	101	104		
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	82	-----	77	105	93	103		
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	-----	119	124	95	108		
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	117		
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	129		
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	247	202	105	140		
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	248	201	105	170		
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	-----	101	152	82	157		
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	-----	156	149	89	139		
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	-----	216	152	93	135		
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	-----	150	212	152	130		
1925	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	-----	153	177	157	127		
1926	151	152	114	145	150	158	216	126	119	154	98	97	125	145	131	147	152	159	138	-----	143	122	155	94		
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	-----	121	128	153	91		
1928	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	-----	159	152	155	96		
1929	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	-----	149	144	153	95		
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	-----	140	102	145	87		
1931	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	92	108	100	98	-----	117	63	124	70		
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	-----	102	47	107	61		
1933	70	64	68	53	78	70	85	90	80	105	67	71	80	70	62	60	82	75	74	-----	105	64	109	64		
1934	81	76	101	59	86	85	100	114	106	121	67	74	80	90	93	68	96	89	100	-----	102	99	123	73		
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	103	117	91	-----	127	101	125	86		
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	-----	100	113	100	124		
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	106	128	132	124	111	122	-----	95	130	93	85		
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	-----	105	70	123	77		
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	-----	102	91	110	128	113	70	-----	105	66	126	81		
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	-----	111	68	126	77		
Mar.	108	107	92	114	110	94	111	115	83	130	85	85	-----	96	85	117	117	93	69	-----	101	70	125	77		
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	-----	98	71	125	75		
May	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	77	-----	88	71	125	74		
June	100	106	79	111	95	96	118	115	72	129	78	74	-----	92	77	116	98	99	73	-----	62	68	124	74		
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	-----	99	71	123	77		
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	-----	62	69	122	75		
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	-----	107	69	121	79		
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	-----	107	72	121	79		
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	111	109	131	71	-----	102	73	121	78		
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	109	112	127	73	-----	108	70	120	80		
1939													86												84	
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	-----	94	66	112	109	97	76	-----	96	71	120	78		
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	-----	92	66	116	107	91	78	-----	108	70	120	77		
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	-----	91	66	116	100	88	81	-----	114	71	120	76		
Apr.	91	97	70	106	84	86	105	85	67	122	75	69	-----	89	67	114	95	87	82	-----	102	70	120	74		
May	91	96	74	104	85	82	106	85	69	122	75	70	-----	90	72	112	92	85	85	-----	110	72	120	75		
June	90	92	75	97	88	78	106	85	71	122	74	72	-----	89	73	107	94	83	93	-----	105	73	120	74		
July	92	95	69	100	89	81	118	85	71	122 <sup>10</sup>	75 <sup>10</sup>	73 <sup>10</sup>	-----	89	66	107	96	89	80	-----	101	73	120	74		
Aug.	92 <sup>10</sup>	92	66	94	92 <sup>10</sup>	83	114	85	71	122 <sup>10</sup>	75 <sup>10</sup>	75 <sup>10</sup>	-----	88	64	101	100	90	70	-----	101	71	119	74		

<sup>1</sup> Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup> Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup> Includes dry beans, flaxseed, hay, dry peas, sugar beets, and wool. <sup>4</sup> New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup> The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup> The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup> Average of estimated values, 1912-14 = 100. <sup>8</sup> These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup> Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup> Preliminary.

clined 16 points and the poultry products declined 17 points. Although the cash crop group declined 4 points from July, it was 8 points higher than a year ago.

Prices received by Wisconsin farmers for milk for all utilizations showed an increase from July to August. The combined price for all uses rose from \$1.12 per hundredweight in July to \$1.17 in August. This was also a 1 cent increase over August of last year. Significantly, all other months of this year have shown sharp declines from the same months of a year ago. Milk used for cheese brought \$1.10 compared with \$1.05 in July and \$1.02 in August 1938. Prices for other uses, although they increased from July, showed decreases from August last year. The August price of milk used in butter was \$1.08, of milk used by condenser-

ies \$1.19, and of milk delivered to market milk establishments \$1.49. Although the price of milk delivered to market milk establishments decreased 12 cents from a year ago, it is now 7 cents higher than in July.

Of the other important commodities sold by Wisconsin producers, only veal calves and eggs showed an increase in price from July to August. Veal calf prices increased from \$8.00 per hundredweight in July to \$8.30 in August, while egg prices rose to 15.7 cents per dozen or 1 cent above July prices. Prices received for hogs showed the greatest decrease, dropping to an average of \$5.30 per hundredweight in August from \$6.10 in July. One year ago, Wisconsin producers were receiving an average price of \$7.60 per hundredweight for hogs.

United States Farm Prices

Although the index of prices received by American farmers declined from 89 percent of the pre-war level in July to 88 percent in August, the index of prices paid by farmers likewise declined 1 point. This resulted in the August index of purchasing power remaining unchanged at 74 percent of the pre-war level. Of the major commodity groups, all declined except dairy and poultry products, which were seasonally higher. Compared with a year earlier, the grain group increased 2 points, the truck crop 9 points, and cotton and cottonseed 2 points. Decreases occurred in the following groups: meat animals, 14 points; poultry products, 15; fruits, 8; and dairy products, 2 points.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service

WISCONSIN DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

Federal-State Crop Reporting Service  
WALTER H. EBLING, Agricultural Statistician

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## IN THIS ISSUE

### October Crop Report

Dry hot weather during September reduced pastures but corn is good and feed supplies are adequate. Field work, except plowing, is well advanced.

### Grain Stocks on Farms

For both Wisconsin and the United States farm stocks of corn are larger than a year ago but stocks of wheat and oats are generally smaller.

### The Potato Situation

Production estimates for potatoes declined during the past month. The 359 million bushel crop now in sight is about 4 percent under average. Markets are steady and the quality of the potatoes is generally good.

### Milk Cow Prices Higher

Average prices of milk cows in Wisconsin advanced \$2 per head from August to September. The September average was \$71.

### Milk Production

In spite of short pastures milk production held up well in Wisconsin. For the United States the output at the beginning of October was about 2 percent below a year ago.

### Egg Production

In Wisconsin egg production continues at a high rate and there are more young birds on farms than a year ago. Feed prices have risen which may affect later production.

### Current Changes

Business and industry indicators continue above last year. Farm and wholesale prices are higher than a year ago. Smaller stocks of dairy products but larger holdings of poultry products are in cold storage than last year.

### Prices of Farm Products Higher

September prices of farm products were 11 percent above August for the United States. In Wisconsin the increase was 10 percent.

### Farm Wages and Employment

Fewer hired men were employed on Wisconsin farms at the beginning of this month than a year ago. Wages, while 11 percent above the pre-war average, were slightly lower than a year ago.

ALONG with most of the Mississippi Valley states and a large part of the Great Plains area, Wisconsin had an unusually hot and dry September this year. Rainfall during the month was extremely short at most of the weather stations and there were several periods of extraordinarily high temperatures in which some new heat records were made.

This period of hot and dry weather has resulted in rather short fall pastures, especially in the southern part of the state and in the early maturity of the corn crop. Plant growth was generally retarded during September but farm work progressed rapidly. Harvesting and threshing operations are further along than usual and they are particularly ahead of last year when September was a wet month with delayed farm work.

### Corn Production Large

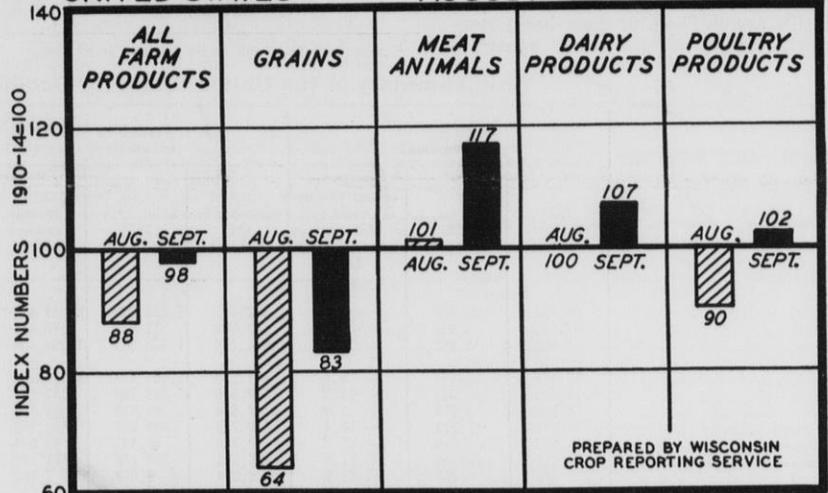
The country is harvesting another large corn crop this year—the nation's production being estimated at 2,532,000,000 bushels, which is almost equal to the big crop of a year ago. Corn improved somewhat during September and the October estimate is 10 million bushels higher than that made a month earlier.

Weather Summary, September 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	September 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	29	89	56.6	55.1	0.72	3.31	-0.70
Spooner.....	21	92	60.0	58.5	2.16	3.44	+0.02
Park Falls.....	25	91	59.4	55.9	2.83	4.17	+6.99
Rhineland.....	25	90	58.0	55.9	1.80	3.94	+2.19
Wausau.....	23	94	62.8	53.9	2.81	3.72	+1.62
Marinette.....	30	96	62.4	62.5	4.01	3.52	0.00
Escanaba.....	29	84	57.0	57.1	2.94	3.32	-0.96
Minneapolis.....	25	98	64.2	51.4	2.31	3.13	-1.38
Eau Claire.....	30	97	63.6	51.2	4.69	4.10	-0.08
La Crosse.....	35	97	65.4	52.2	0.93	3.99	-6.50
Hancock.....	29	95	64.2	51.0	4.23	3.81	-3.79
Oshkosh.....	30	98	64.8	52.1	3.95	3.40	-1.55
Green Bay.....	32	94	62.6	60.4	3.27	3.52	-6.02
Manitowoc.....	36	97	64.2	50.0	3.44	3.61	-5.34
Dubuque.....	36	99	68.4	64.0	0.69	4.01	-2.91
Madison.....	40	97	66.8	62.4	1.57	3.72	-8.24
Beloit.....	37	99	68.9	63.8	1.07	3.87	-2.44
Milwaukee.....	39	99	67.5	62.5	1.53	3.29	-4.08

In Wisconsin the corn crop is also good and much of it was harvested early. Very little frost damage to corn occurred in the state this year

## RECENT PRICE CHANGES IN FARM PRODUCTS UNITED STATES AUGUST-SEPTEMBER 1939



From August to September a sharp rise occurred in the general level of farm prices. While all price groups advanced during this period, the increases in grain and meat animals were much greater than those of other farm products. For the United States the average of all farm products rose from 88 percent of pre-war in August to 98 percent of pre-war in September—an increase of 11 percent. Grain prices increased from 64 percent of pre-war in August to 83 percent of pre-war in September—an increase of 30 percent. Since mid-September some prices of farm products have drifted to somewhat lower levels but much of the rise has been maintained.

Crop Summary of Wisconsin for October 1, 1939

Crop	Acreage			Production				Unit	Yield per Acre			
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	October 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of		Indicated 1939	1938	10-year average 1928-37	
							1938					10-year average
Corn.....	2,257,000	2,351,000	- 4.0	82,380,000	90,514,000	71,042,000	91.0	116.0	Bus.	36.5	38.5	31.8
Potatoes.....	206,000	212,000	- 2.8	18,128,000	19,080,000	23,380,000	95.0	77.5	Bus.	88	90	88
Tobacco.....	23,500	24,700	- 4.9	32,675,000	32,710,000	32,098,000	99.9	101.8	Lbs.	1390	1324	1316
Oats.....	2,234,000	2,455,000	- 9.0	72,605,000	76,105,000	78,017,000	95.4	93.1	Bus.	32.5	31.0	31.5
Barley.....	794,000	771,000	+ 3.0	23,026,000	24,286,000	21,260,000	94.8	108.3	Bus.	29.0	31.5	27.4
Rye.....	251,000	330,000	- 23.9	2,510,000	4,290,000	2,515,000	58.5	99.8	Bus.	10.0	13.0	10.8
Winter wheat.....	41,000	67,000	- 38.8	615,000	1,106,000	578,000	55.6	106.4	Bus.	15.0	16.5	17.6
Spring wheat.....	50,000	53,000	- 5.7	750,000	901,000	1,245,000	83.2	60.2	Bus.	15.0	17.0	16.8
Buckwheat.....	10,000	12,000	- 16.7	125,000	150,000	187,000	83.3	66.8	Bus.	12.5	12.5	11.0
All tame hay.....	3,921,000	3,655,000	+ 7.3	5,764,000	6,479,000	4,429,000	89.0	130.1	Tons	1.47	1.77	1.37
Alfalfa hay.....	1,175,000	1,199,000	- 2.0	2,056,000	2,758,000	1,114,000	74.5	184.6	Tons	1.75	2.30	1.95
Clover and timothy hay.....	2,268,000	2,007,000	+ 13.0	3,062,000	3,010,000	2,816,000	101.7	108.7	Tons	1.35	1.50	1.25
Other tame hay.....	478,000	449,000	+ 6.5	646,000	711,000	499,000	90.9	129.5	Tons	1.35	1.58	1.25
Wild hay.....	166,000	184,000	- 9.8	174,000	184,000	273,000	94.6	63.7	Tons	1.05	1.00	.98
Dry peas.....	7,000	6,000	+ 16.7	98,000	84,000	274,000	116.7	35.8	Bus.	14.0	14.0	13.0
Dry beans.....	1,000	2,000	- 50.0	5,000	8,000	24,000	62.5	20.8	Cwt.	4.8	4.2	3.97
Flax.....	13,000	4,000	+225.0	143,000	44,000	64,000	325.0	223.4	Bus.	11.0	11.0	10.8
Canning peas.....	68,300	102,300	-33.2	100,400,000	198,400,000	145,524,000	50.6	69.0	Lbs.	1470	1940	1401
Cabbage.....	11,700	15,660	- 25.3	68,600	182,700	114,700	37.5	59.8	Tons	5.86	11.67	7.06
Onions, commercial.....	1,250	1,210	+ 3.3	250,000	218,000	173,000	114.7	144.5	Cwt.	200	180	162
Sugar beets.....	17,200	14,400	+ 19.4	154,800	163,000	103,530	95.0	149.5	Tons	9.0	11.3	8.3
Cherries.....				8,350	8,600	8,699	97.1	96.0	Tons			
Cranberries.....	2,500	2,400	+ 4.2	103,000	64,000	60,100	160.9	171.4	Bbls.	41.2	26.7	26.7
Pasture.....										64 <sup>1</sup>	90 <sup>1</sup>	65 <sup>1</sup>

<sup>1</sup> October 1 condition.

and ripe corn is found clear to the northern end of the state. The state's crop is estimated at about 82 million bushels, which, though 9 percent under the crop of a year ago, is 16 percent above average. Corn yields in Wisconsin are now indicated to be 36.5 bushels per acre compared with 38.5 made in the large crop last year. In parts of east central Wisconsin extremely dry weather prevailed during August and September, and in such areas corn has not come up to earlier expectations. In most of southern and southwestern Wisconsin, however, a high quality corn crop is being harvested.

While some feeding has been necessary because of the short pastures

Grain Stocks on Farms

(October 1 estimates)

Crop	Thousand Bushels on Hand			Percent of Current Year's Crop <sup>1</sup>		
	1939	1938	10-yr. average 1928-37	1939	1938	10-yr. av. 1928-37
Wisconsin						
Corn.....	5,481	3,201	1,909	13.0	10.0	7.0
Wheat.....	1,160	1,485	1,563	85.0	74.0	85.7
Oats.....	63,166	65,450	67,933	87.0	86.0	87.1
United States						
Corn.....	546,052	353,194	167,178	24.0	15.0	8.2
Wheat.....	332,213	401,411	340,348	44.9	43.1	45.3
Oats.....	765,227	854,323	834,211	81.3	81.1	80.2

<sup>1</sup> Except corn which is from the previous year's crop.

in early autumn this year supplies of feed on farms are generally considered to be adequate. In addition to a good supply of corn in most counties the grain crop is generally fairly close to average, though somewhat under last year. Hay production, while under a year ago, was above average and the quality of the hay this year is better than it was last year. There is also a considerable carry-over of old hay still on the farms.

Grain Stocks on Farms

An estimate of corn, wheat, and oat stocks on the farms of the United States for October 1 shows a situation quite unlike that which prevailed a

Crop Summary of the United States for October 1, 1939

Crop	Acreage (000 omitted)			Production (000 omitted)			1939 Production as a Percent of		Unit	Yield per Acre		
	1939 (Preliminary)	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	October 1, 1939 forecast	1938	10-year average 1928-37	1939 as a Percent of			Indicated 1939	1938	10-year average 1928-37
							1938	10-year average				
Corn.....	90,734	91,792	- 1.2	2,532,417	2,542,238	2,309,674	99.6	109.6	Bus.	27.9	27.7	23.0
Potatoes.....	3,074.3	3,019.6	+ 1.8	358,689	371,617	372,258	96.5	96.4	Bus.	116.7	123.1	111.4
Tobacco.....	1,802.5	1,602.8	+ 12.5	1,654,174	1,378,534	1,360,400	120.0	121.6	Lbs.	917.7	860.1	803.2
Oats.....	33,574	35,477	- 5.4	941,230	1,053,139	1,049,300	89.3	89.7	Bus.	28.0	29.7	27.7
Barley.....	12,546	10,513	+ 19.3	269,540	252,139	233,021	106.9	115.7	Bus.	21.5	24.0	20.7
Rye.....	4,100	3,979	+ 3.0	40,834	55,039	36,330	74.2	112.4	Bus.	10.0	13.8	11.1
Winter wheat.....	38,572	49,711	- 22.4	550,710	686,637	560,160	80.2	98.3	Bus.	14.3	13.8	14.5
Durum wheat.....	3,095	3,545	- 12.7	33,144	40,445	35,076	81.9	94.5	Bus.	10.7	11.4	9.4
Spring wheat other than durum.....	13,333	16,965	- 21.4	155,591	203,719	157,716	96.4	98.7	Bus.	11.7	12.0	10.9
Buckwheat.....	390	453	- 13.9	5,671	6,682	7,964	84.9	71.2	Bus.	14.5	14.8	15.8
Flax.....	2,034	954	+113.2	17,439	8,171	11,943	213.4	146.0	Bus.	8.6	8.6	5.9
Cabbage.....	179.1	186.79	- 4.1	1,039.6	1,495.4	1,082.4	69.5	96.0	Tons	5.8	8.01	6.54
Onions.....	130.61	138.03	- 5.4	17,212	14,930	13,797	115.3	124.8	Cwt.	132	108	117
Cranberries.....	28.05	27.95	+ .4	666.5	475.7	598.7	140.1	111.3	Bbls.	23.8	17.0	21.6
Tame hay.....	57,801	56,309	+ 2.6	75,023	80,299	68,765	93.4	109.1	Tons	1.30	1.43	1.24
Wild hay.....	11,386	11,774	- 3.3	8,999	10,444	9,414	86.2	95.6	Tons	.79	.89	.76
Pasture.....										56 <sup>1</sup>	76 <sup>1</sup>	65 <sup>1</sup>

<sup>1</sup> October 1 condition.

year ago. Stocks of corn are substantially larger than they were a year ago, with a total of 546 million bushels of old corn on farms at the beginning of October. This compares with 353 million bushels last year and 167 million bushels for a 10-year average. Stocks of both wheat and oats are substantially lower than they were at year ago. Farm wheat stocks for the country are estimated to be 332 million bushels compared with 401 million bushels last year. Oat stocks are estimated at 765 million bushels compared with 854 million bushels last year.

In Wisconsin stocks of corn are estimated at over 5 million bushels, which is a substantial increase over a year ago, but stocks of wheat and oats are smaller than last year. The estimated farm holdings of oats exceed 63 million bushels as compared with nearly 65 million bushels a year ago.

**The Potato Situation**

Estimates of potato production for October placed the United States crop at 359 million bushels, which is about 5½ million bushels below the estimate made a month ago. This crop is about 13 million bushels or 4 percent under the production of a year ago and most of the growers feel that they are in a fairly good market position this year.

In Wisconsin the potato situation varies a great deal. In much of southern Wisconsin the early varieties did not yield as well as usual but the late varieties are making fairly good production. In much of northern Wisconsin blight was widespread early in September and it did considerable damage to some of the smaller fields which were not sprayed. On many of the larger fields where spraying was done the crops have come through quite well. The state's production is now estimated at 18 million bushels, which is 5 percent under the crop of last year.

It is believed that the Wisconsin potatoes are mostly of rather good quality this year. Dry weather in September prevented the blight disease from affecting the tubers even where considerable damage was done to vines. Frost held off until nearly the end of September in most counties. The keeping and cooking quality of most of the potatoes grown in the state should be above average this year.

**Fruit Supplies**

Commercial apple production in the United States is estimated to exceed 100 million bushels this year, which is 20 percent more than the crop of a year ago. Apples are generally reported to be of good quality. Peach production was fairly large—the estimate being for a total of 62 million bushels, which is 10 million bushels more than a year ago. Estimates of pear production indicate a crop of 30 million bushels, which is

slightly smaller than last year but still above average production. Grapes have been abundant with an estimated crop of over 2½ million tons, though the supply is a little smaller than a year ago.

**The Cranberry Crop**

This year Wisconsin ranks second among the states in cranberry production, and the estimated output of the state is now placed at 103,000 barrels which compares with a 10-year average of 60,000 barrels. For the United States the cranberry crop is also a rather large one—the total production being estimated at 666,000 barrels this year, of which 450,000 barrels were produced in the Cape Code region of Massachusetts.

The Wisconsin berries are reported to be of fine quality this year and the crop has been mostly harvested under good conditions. Frosts held off quite well and the season has been favorable to cranberry production.

**Wisconsin Milk Cow Prices Higher**

Prices received by Wisconsin farmers for milk cows averaged \$2 per head higher on September 15 than on August 15. The state average price of \$71 per head was \$1 higher than a year ago. Increases during the month ending September 15 were reported in every district of the state. Compared with prices on September 15 last year, increases were indicated in all districts excepting the Central, South, and Southeast Districts, which showed slight decreases.

Although September milk cow prices averaged somewhat higher than in August, prices received for butterfat during this period increased proportionately even more. As a result, the cost of milk cows, measured in terms of butterfat, declined. On September 15, it took 248 pounds of butterfat to buy a milk cow in Wisconsin compared with 256 pounds on August 15 and 250 pounds on September 15, 1938. For the United States, 238 pounds of butterfat were required to purchase a milk cow in September, 252 pounds in August, and 232 pounds in September a year ago.

The average for the years 1910-38, inclusive, was 176 pounds for Wisconsin and 180 pounds for the United States. In recent years, however, it has taken more pounds of butterfat to buy a milk cow in Wisconsin than in the United States as a whole, due largely to the much higher cost of milk cows

**Wisconsin Milk Cow Prices, September 15, 1938 and 1939 and August 15, 1939**  
(Dollars per head)

District	September 15 1939	August 15 1939	September 15 1938
1. Northwest ..	67	65	66
2. North .....	64	62	63
3. Northeast ..	62	60	58
4. West .....	68	66	67
5. Central .....	71	69	72
6. East .....	79	76	76
7. Southwest ..	68	67	65
8. South .....	80	78	82
9. Southeast ..	76	75	79
State Average <sup>1</sup>	71	69	70

<sup>1</sup> State average price derived by weighting district prices by milk cow numbers.

in Wisconsin than in the majority of states. The average cost of a milk cow in the United States in September was only \$58.90 compared with Wisconsin's

average cost of \$71 per head. Butterfat prices were reported at 24.7 cents per pound for the United States and 29 cents for Wisconsin, but the difference in milk cow prices is relatively greater than the difference in butterfat prices.

**Wisconsin October Milk Production**

Despite the damage done to Wisconsin pastures by the hot dry weather during September, milk production has held up fairly well. Crop correspondents reported an average milk production per farm of 217.5 pounds on October 1, 230.9 pounds on September 1, and 211.2 pounds on October 1 last year. Milk production per farm was 7.7 percent higher than the 10-year average for October 1, 1928-37. Production per cow milked was reported at 18.90 pounds on October 1, which was 2.3 percent above October 1 last year and 3.4 percent above the 10-year average during the years 1928-37. Production per cow in herd was 1.2 percent higher than last October and 5.5 percent above the October 1928-37 average. The condition of pastures in Wisconsin was reported at 64 percent of normal on October 1, compared with 90 percent a year ago. Poor pasture conditions were offset by heavier feeding of grain and concentrates and by considerable grazing of cows in fields from which crops had been removed.

According to dairy correspondents, 70 percent of the total feed of their herds was secured from pasture, while 82 percent was obtained from pasture on October 1 last year. The milk cows in these herds, however, were being fed an average of 2.07 pounds of grain and concentrates, compared with 1.49 pounds on October 1, 1938; this represents an increase of 39 percent over last October 1 and 26 percent over the 8-year average for October 1, 1930-37. The average number of milk cows per farm was slightly higher than on October 1 a year ago. Of the calves born on dairy correspondents' farms during September, 39.5 percent were being raised, compared with 37.2 percent during September 1938 and an 8-year average of 33.4 percent for September 1930-37. Dairy correspondents also reported that 53.2 percent of the calves born were either sold or to be sold for veal, while September a year earlier this figure was reported at 55.8 percent.

**MILK PRODUCTION**

	Oct. 1, 1939		Oct. 1 as a percent of	
	1939	1938	1928-37 average	10-yr. average
	Lbs.	Lbs.	%	%
<b>WISCONSIN</b>				
Per farm .....	217.5	211.2	201.9	103.0
Per cow milked ..	18.90	18.48	18.28	102.3
Per cow in herd ..	14.76	14.58	13.99	101.2
<b>UNITED STATES</b>				
Per cow in herd ..	12.82	13.15	12.36	97.5

**United States Milk Production**

October 1 milk production per cow in herds kept by crop correspondents in the United States was 2.5 percent lower than on October 1 last year. Since the number of milk cows increased only slightly, total United States milk production on October 1 was indicated at nearly 2 percent lower than on the same date a year ago. Despite the fact that milk production this year showed the sharpest September decline in the 15 years of record, production on October 1 was the third highest on record for that date. Milk production in relation to population, however, was only slightly above the average for October 1 in the decade 1928-37. Milk production per cow in herds of crop correspondents averaged 12.82 pounds on October 1, compared with 13.15 pounds on the same date last year and the 10-year (1928-37) average of 12.36 pounds. In these herds 71.9 percent of the cows were reported milked compared with 73.1 percent on October 1 a year ago.

Sharp reductions in milk production per cow during September occurred in most of the Central States where

Dairy and Poultry Feed Costs and Indexes of Prices of Commodities Farmers Buy

Year	Wisconsin													Milk Cow Prices				Index Numbers of Prices Paid by Wis. Farmers <sup>1</sup>								
	Dairy Ration Cost				Poultry Ration Cost				Index Numbers of Feed Prices 1910-14=100					Wisconsin		United States		Commodities bought for use in farm (family maintenance) (1910-14=100)			Commodities bought for use in farm production (1910-14=100)					
	Cost per 1000 lbs. <sup>1</sup>	Index (1910-14=100)	Pounds 100 lbs. of milk would buy <sup>2</sup>	Lbs of milk required to buy 100 lbs. of dairy ration <sup>2</sup>	Value—1000 lbs. <sup>3</sup>	Index (1910-14=100)	Pounds of feed 10 doz. eggs will buy <sup>4</sup>	Dozens of eggs required to buy 1000 lbs. of ration <sup>4</sup>	All feeds <sup>5</sup>	Mill feeds <sup>5</sup>	Protein feeds <sup>5</sup>	Feed grains, whole and ground <sup>5</sup>	Other feeds	Price index (1910-14=100) <sup>6</sup>	Milk required to buy a cow <sup>7</sup>	Butterfat required to buy a cow <sup>7</sup>	Price index (1910-14=100) <sup>6</sup>	Butterfat required to buy a cow <sup>7</sup>	All family maintenance <sup>8</sup>	Food	Clothing	Furniture and furnishings	All farm production <sup>9</sup>	Farm machinery	Fertilizer	Seeds
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	100	88	81	35	142	86	161	98	98	97	101	99	103	100	
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	100	87	41	173	89	188	97	96	97	101	100	103	102	
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	110	105	92	38	161	93	171	99	98	98	104	97	100	108	
1913	11.36	88	117	85	11.58	92.3	182	55	92	94	92	90	94	116	47	190	111	200	102	102	102	99	97	98	99	
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	125	51	223	121	213	104	107	106	100	99	99	99	
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	116	49	206	118	225	111	108	117	106	106	101	100	
1916	14.48	113	107	93	15.42	122.1	163	61	112	106	112	122	112	121	42	186	124	207	127	126	135	120	117	110	114	
1917	21.87	170	98	102	25.75	225.2	132	76	173	161	182	196	176	145	36	171	146	189	151	160	158	142	151	126	120	
1918	24.08	187	105	95	27.71	220.8	143	70	179	151	192	215	187	165	36	164	169	183	181	181	214	175	172	155	154	
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	194	37	161	187	173	215	216	271	208	194	161	173	
1920	26.22	204	99	101	27.84	221.8	168	59	210	205	222	208	215	194	41	166	182	161	224	211	272	252	198	169	184	
1921	13.08	102	129	77	13.14	104.7	250	40	104	96	128	98	115	108	34	140	120	160	166	146	199	198	132	150	144	
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	106	34	146	109	149	155	138	181	188	129	134	136	
1923	15.37	120	136	71	15.42	122.9	189	53	126	122	155	114	135	116	30	133	113	131	160	147	185	194	135	143	143	
1924	16.24	125	109	92	17.02	135.6	177	56	127	113	144	136	136	119	36	146	113	139	159	143	189	194	137	153	139	
1925	16.30	127	117	86	18.73	149.2	177	56	128	124	142	139	141	123	35	143	118	138	166	156	190	187	144	154	146	
1926	14.50	113	131	76	15.87	124.5	197	51	118	111	145	111	126	150	42	176	133	159	164	186	184	183	143	156	143	
1927	16.13	126	131	76	17.52	139.6	193	61	134	131	149	128	138	167	43	179	151	170	160	154	178	184	145	156	157	
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	151	191	48	199	183	197	159	153	177	188	146	156	154	
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	188	126	140	200	53	220	191	208	156	146	175	186	144	156	149	
1930	14.09	110	116	86	15.00	119.5	161	62	114	108	142	112	122	157	52	218	151	215	146	135	164	179	134	154	145	
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	105	49	198	104	207	125	106	141	153	116	151	138	
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	72	44	181	75	207	107	87	118	130	103	141	136	
1933	9.06	70	108	92	8.64	68.8	167	60	72	67	88	68	80	66	36	155	68	177	105	89	115	120	104	139	124	
1934	13.61	106	80	125	12.63	100.6	139	72	104	100	112	104	107	67	33	137	66	144	119	104	133	130	124	148	140	
1935	13.36	104	99	101	14.13	112.6	169	59	106	102	107	111	111	109	44	185	95	167	124	118	133	132	124	152	115	
1936	14.01	108	92	152	15.52	123.6	147	68	113	108	117	116	117	127	45	189	107	164	124	116	134	134	128	152	108	
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	125	138	131	135	46	194	115	171	130	120	142	140	140	158	109	
1938	11.30	88	113	88	11.38	90.7	182	55	91	85	118	84	96	131	55	230	115	216	124	105	137	137	130	163	128	
Jan.	12.86	100	126	79	12.75	101.6	164	61	104	104	126	92	106	132	44	152	115	170	128	116	140	140	134	160	115	
Feb.	12.83	100	116	86	12.62	100.6	123	81	102	99	128	92	105	134	48	200	116	187	126	113	138	139	135	160	122	
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	102	136	53	209	116	191	125	110	137	138	136	161	128	
Apr.	11.98	93	108	93	11.91	94.9	130	77	95	89	121	89	99	132	55	215	116	211	125	109	137	138	135	163	128	
May	11.96	93	103	97	11.71	93.3	153	65	94	88	122	89	98	130	57	233	115	225	124	107	137	138	135	165	128	
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	96	132	59	254	115	240	124	106	137	138	134	166	129	
July	11.04	86	109	92	11.55	90.2	161	62	89	80	119	86	96	130	58	250	115	234	124	105	137	138	131	165	128	
Aug.	10.07	78	115	87	10.66	84.9	183	55	81	71	113	78	90	130	60	250	114	232	123	104	137	138	127	164	127	
Sept.	10.22	80	114	87	10.68	85.1	225	44	82	72	108	80	90	130	60	250	113	232	123	103	137	138	124	163	127	
Oct.	10.14	79	118	84	10.35	82.5	266	38	80	71	111	76	89	130	58	250	114	231	123	103	137	137	124	163	127	
Nov.	10.19	79	124	81	10.03	79.9	283	35	82	77	113	72	89	127	54	243	116	228	122	102	138	136	124	163	127	
Dec.	10.64	83	121	82	10.66	84.9	241	41	87	83	117	75	93	130	54	233	117	214	122	102	138	135	124	163	127	
1939	10.97	85	112	89	11.05	88.0	150	67	91	88	120	78	95	130	57	241	119	233	122	101	136	134	124	162	126	
Jan.	10.80	84	110	91	10.66	84.9	144	70	89	88	114	77	94	134	61	248	121	239	121	100	135	133	125	161	126	
Feb.	11.02	86	102	98	10.98	87.5	141	71	94	97	115	77	97	134	64	267	121	263	120	99	133	132	125	160	125	
Mar.	11.29	88	94	107	11.26	89.7	134	75	98	106	115	78	100	132	67	284	119	274	120	99	131	131	125	159	125	
Apr.	11.41	89	95	106	11.51	91.7	125	80	97	98	116	82	100	129	64	268	118	270	119	100	130	131	125	159	125	
May	11.15	87	100	100	11.24	89.6	121	83	92	89	114	83	97	129	62	265	116	258	119	100	128	130	125	158	125	
June	1																									

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN												UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>							
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>3</sup> (cwt.)	Butter <sup>3</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>3</sup> (case)	Cheese and butter prices compared <sup>10</sup>			
	For cheese (all types) <sup>1</sup>	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>5</sup>	Swiss <sup>7</sup>	Brick <sup>6</sup>	Limburger <sup>8</sup>		Cheese div. by butter	Butter div. by cheese		
\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.	\$	%	%				
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	15.5	17.1	14.1	13.3	3.60	-----	-----		
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3		
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9		
1913	1.33	1.29	1.29	1.42	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1		
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5		
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5		
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7		
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3		
1918	2.49	2.50	2.23	2.73	2.86	100	90	111	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	54.7		
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	28.9	43.5	28.2	28.3	6.50	51.9		
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	44.6		
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	44.2		
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	49.2		
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	48.2		
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2		
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8		
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	47.2		
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	49.6		
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0		
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	10.1	19.5	4.30	46.0		
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	26.7	16.0	16.4	3.90	48.4		
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	13.1	13.5	3.30	48.1		
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5		
1933	.98	.91	.90	1.04	1.26	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0		
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4		
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	49.9		
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9		
1937	1.59	1.48	1.51	1.63	1.95	83	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8		
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2		
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.	34.	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2		
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.	31.	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6		
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.	31.	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	46.9		
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.	29.	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	47.0		
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30.	27.	25.1	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1		
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0		
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.	26.	24.2	1.56	25.4	12.0	17.5	11.8	11.5	3.00	47.1		
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.	27.	24.1	1.59	25.5	10.8	16.8	10.4	12.0	2.90	42.2		
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.	27.	24.1	1.70	25.5	11.0	14.0	10.4	10.8	2.90	43.1		
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.	27.	24.4	1.75	25.5	12.0	14.6	12.8	11.8	2.90	47.0		
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.	27.	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	43.4		
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.	29.	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6		
1939	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.	26.	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5		
January	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.	26.	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	46.1		
February	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.	25.	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	48.0		
March	1.06	.96	.96	1.08	1.45	91	91	102	137	25.	23.	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	50.7		
April	1.08	1.00	.98	1.11	1.41	93	91	103	131	25.	23.	21.5	1.41	22.8	11.9	17.0	10.8	11.1	2.90	52.2		
May	1.11	1.05	1.02	1.14	1.39	95	92	103	125	26.	24.	22.2	1.43	23.7	12.5	17.0	11.5	11.2	2.90	52.9		
June	1.12	1.05	1.04	1.15	1.42	94	93	103	127	26.	24.	22.0	1.52	23.2	12.0	17.0	11.1	11.5	2.90	51.7		
July	1.18	1.09	1.09	1.20	1.54	92	92	102	131	27.	25.	22.4	1.64	23.5	12.4	16.4	11.5	11.5	2.90	52.8		
August	1.25*	1.16*	1.16*	1.27*	1.62*	93*	93*	102*	130*	29.	28.	24.7	1.76*	27.4	14.2	17.2	12.5	12.5	2.95	51.5		
September																						

<sup>1</sup>For monthly quotations prior to 1932 and detailed information regarding sources on all commodities except condensed milk and milk used for butter, see Bulletins 90, 120, and 140, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents.

<sup>2</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk, 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>3</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>5</sup>Wholesale price of 92-score butter at Chicago.

<sup>6</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins. Where prices of twins were not quoted, Cheddar prices were used as a basis for prices of twins.

<sup>7</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>8</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.

<sup>9</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920 incl. are manufacturers' prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.

<sup>10</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.

\*Preliminary.

a year ago, and nearly 4 percent larger than the 79-layer average according to crop correspondents. The average size of laying flocks for this date is the second highest on record; more layers were reported per farm in 1936. More pullets not of laying age were reported by crop correspondents on October 1 than a year ago.

More eggs were reported per 100 layers on October 1 than a year ago and average. The rate of laying is reported at 29.6 eggs this month compared with 27.6 eggs last year and the

record of 30.1 eggs in 1937. As is usual the rate of laying on October 1 was sharply lower than a month earlier although the drop was somewhat less than in several previous years. Egg production per farm averaged 24.3 eggs on October 1 according to crop correspondents, which was the largest farm production on record for this month. A year ago the average production was 22.5 eggs.

Farm egg prices in mid-September averaged 18.6 cents per dozen compared with 24 cents a year ago and the aver-

age for the month of 23.1 cents. Egg prices are reported at the highest level for 1939 and have increased steadily since June. In recent years farm prices of eggs in Wisconsin have usually been highest in November. Farm chicken prices averaged 13.2 cents per pound in September compared with 12.2 cents a month earlier and 13.6 cents a year ago. Prices are somewhat below the 14.1-cent average.

United States Egg Production

A lower rate of laying and more layers per farm flock resulted in a

Prices Received by Wisconsin Farmers for Farm Products<sup>1</sup>

Year	LIVESTOCK, POULTRY AND WOOL										GRAINS							SEEDS			HAY (Loose)			OTHER CROPS			
	Hogs	Beef cattle	Veal calves	Milk cows	Sheep	Lambs	Wool	Horses	Chickens	Eggs	Wheat	Corn	Oats	Barley	Rye	Buckwheat	Flaxseed	Red clover	Alfalfa	Timothy	All	Alfalfa	Clover and timothy mixed	Potatoes	Dry beans	Apples	
	\$	\$	\$	\$	\$	\$	cts.	\$	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	\$	\$	\$	\$	\$	\$	cts.	\$	\$		
1910-14	7.35	4.90	7.23	53.67	4.25	6.01	20.1	169.83	11.2	21.3	90.8	59.5	39.0	69.2	69.1	72.8	171.1	8.83			12.78			50.7	2.25	1.10	
1914	7.65	5.83	8.22	66.90	4.64	6.60	19.6	172.50	11.6	22.3	89.5	63.8	39.1	65.7	55.2	72.6	138.2	7.72			2.30	10.00	12.57	50.9	2.22	1.22	
1915	6.55	5.46	7.95	62.30	5.00	7.08	25.2	161.40	11.0	21.7	114.7	71.9	45.1	63.3	97.0	83.7	136.2	8.07			2.79	9.88	12.88	37.2	2.91	.97	
1916	8.47	5.90	8.87	64.80	5.87	8.26	30.3	156.50	13.0	25.0	119.4	79.5	44.2	78.5	98.6	94.0	192.2	9.40			2.90	11.29	14.80	98.3	4.75	1.04	
1917	14.17	7.52	11.46	77.65	5.85	8.26	38.3	147.65	20.2	39.5	105.6	182.3	75.4	125.2	180.5	171.5	331.3	17.26			3.99	19.42	27.58	78.6	6.27	1.58	
1918	16.09	8.71	13.17	88.70	10.22	14.17	63.3	143.78	22.9	43.8	112.7	140.4	65.8	107.6	136.9	138.9	384.3	25.86			4.78	20.68	27.63	114.4	4.22	1.97	
1919	16.52	9.02	14.31	104.25	9.08	13.51	53.0	141.25	24.0	46.8	114.7	137.3	78.6	121.9	162.6	166.6	354.8	22.03			4.78	22.89	30.91	223.3	3.97	2.31	
1920	12.93	7.32	12.47	104.30	7.83	12.52	38.0	141.25	24.0	46.8	114.7	137.3	78.6	121.9	162.6	166.6	354.8	22.03			4.78	22.89	30.91	223.3	3.97	2.31	
1921	7.61	4.57	7.62	58.20	3.89	7.37	18.7	114.35	19.8	32.9	120.1	89.5	37.2	60.0	104.1	100.1	162.2	10.60			2.93	15.51	21.78	79.9	2.88	2.06	
1922	8.32	4.54	7.73	57.00	4.92	10.22	27.4	111.25	18.3	28.5	107.3	59.2	37.7	55.6	76.3	80.5	203.7	11.04			3.01	15.04	20.32	80.0	3.85	2.15	
1923	6.97	4.57	7.99	62.35	5.16	10.55	37.9	111.65	17.3	29.2	105.0	77.7	42.4	60.9	66.8	84.0	214.4	11.42			3.31	13.41	20.18	58.9	4.28	1.60	
1924	7.29	4.67	8.17	63.75	5.62	10.83	37.7	106.90	17.8	30.2	113.5	94.4	49.2	73.0	77.1	97.6	215.5	13.08			3.69	15.33	21.22	64.6	3.65	1.62	
1925	10.87	5.18	9.17	66.25	6.19	12.09	35.9	111.65	21.4	31.3	137.2	74.3	39.2	65.4	82.2	78.8	205.0	16.41			3.36	13.82	18.82	84.6	3.63	1.93	
1926	11.70	5.73	10.14	80.56	6.19	12.09	35.9	111.65	21.4	31.3	137.2	74.3	39.2	65.4	82.2	78.8	205.0	16.41			3.36	13.82	18.82	84.6	3.63	1.93	
1927	9.52	6.49	10.52	89.85	5.75	11.85	33.0	113.75	19.3	28.6	123.1	87.1	46.2	72.8	88.4	84.4	192.7	13.58			2.41	14.25	18.57	117.2	3.27	1.53	
1928	8.74	8.22	12.14	102.40	6.05	12.37	39.2	117.60	20.7	30.3	117.4	92.8	52.3	79.8	89.1	88.0	189.7	16.02			2.09	13.06	18.53	65.0	4.72	1.53	
1929	9.50	8.32	12.43	107.25	6.07	12.33	34.5	117.90	22.0	31.5	117.7	88.2	45.7	64.9	89.8	88.7	237.0	15.09			2.29	12.60	18.93	71.2	5.33	1.47	
1930	8.82	6.54	9.87	84.40	4.33	8.56	23.8	108.15	17.4	24.1	93.1	79.7	38.9	58.0	60.7	87.3	212.0	10.52			2.86	11.08	16.10	115.8	3.86	1.59	
1931	5.76	4.37	6.70	56.85	2.62	6.22	14.8	91.00	14.7	17.8	63.7	56.7	28.5	44.8	37.9	63.4	124.6	7.00	9.69		1.45	10.30	13.64	10.64	2.42	.90	
1932	3.38	3.07	4.60	38.75	1.80	4.67	10.8	83.75	11.0	15.9	54.6	36.8	23.3	37.3	35.5	45.6	103.5	7.00	9.69		1.45	10.30	13.64	10.64	2.42	.90	
1933	3.44	2.85	4.31	35.50	1.90	4.97	19.3	92.25	8.8	14.4	68.2	38.3	26.9	42.8	48.7	51.9	125.2	6.18	8.94		1.66	9.27	12.05	9.62	4.90	1.49	
1934	4.12	2.91	4.51	35.90	2.35	6.11	23.8	108.40	10.2	17.6	89.2	59.8	40.7	75.4	63.0	58.9	157.8	8.77	10.51		4.98	13.68	16.94	14.69	55.8	1.85	1.31
1935	8.57	5.21	7.05	58.40	3.10	7.20	21.7	123.60	14.3	23.9	94.2	74.2	37.8	73.0	61.8	67.2	142.7	9.82	12.86		4.85	12.72	15.65	13.48	33.6	1.82	1.10
1936	9.12	5.18	7.58	68.25	3.22	8.10	27.8	131.35	15.2	22.8	103.4	81.2	35.9	81.7	63.8	65.6	158.8	11.18	12.00		2.02	9.36	11.59	9.41	89.7	2.26	1.15
1937	9.52	6.15	8.23	72.60	3.53	8.80	31.9	133.60	15.3	21.2	115.8	101.1	44.2	83.2	95.7	91.6	181.2	17.54	17.88		2.11	11.22	14.45	11.77	79.7	3.45	1.31
1938	7.62	5.62	7.98	70.50	2.78	7.12	20.8	126.65	14.9	20.7	76.6	54.2	28.7	56.2	50.7	65.9	163.8	14.47	15.98		1.40	8.20	11.02	8.92	46.0	1.81	1.02
Jan.	7.50	5.40	8.20	71.	3.35	7.30	28.	125.	15.9	20.9	92.	58.	32.	64.	70.	73.	178.	18.70	17.90		1.40	9.70	13.20	11.00	46.	1.96	1.00
Feb.	7.80	5.40	8.10	72.	2.70	6.70	24.	125.	15.9	15.5	91.	58.	32.	65.	69.	73.	178.	18.70	17.90		1.45	9.70	13.20	11.00	46.	1.92	1.05
Mar.	8.30	5.60	7.90	73.	3.45	7.40	21.	132.	16.3	16.3	90.	57.	31.	60.	55.	72.	175.	19.89	19.00		1.55	9.40	12.70	10.20	43.	1.95	.95
Apr.	7.60	5.70	7.50	71.	3.15	7.40	18.	132.	16.2	15.5	90.	57.	31.	60.	55.	71.	172.	18.80	17.50		1.55	8.60	11.60	9.40	46.	1.86	1.20
May	7.40	5.70	7.20	70.	3.15	6.90	18.	125.	15.1	17.8	80.	56.	30.	52.	51.	68.	159.	15.70	16.30		1.35	8.50	11.10	8.60	55.	1.89	1.15
June	8.00	5.60	7.70	71.	2.70	7.30	17.	127.	14.3	18.6	77.	59.	30.	49.	50.	64.	161.	15.10	16.20		1.35	7.90	10.50	8.40	65.	1.83	1.25
July	8.40	5.90	7.70	70.	2.60	6.90	17.	127.	14.0	19.5	66.	55.	24.	49.	39.	70.	156.	11.40	13.10		1.35	7.30	10.00	8.20	48.	1.86	.80
Aug.	7.60	5.60	8.10	70.	2.50	6.80	21.	124.	13.6	24.0	64.	54.	25.	54.	38.	65.	154.	8.90	13.00		1.30	7.00	9.10	8.00	38.	1.74	.85
Sept.	8.10	5.70	8.80	70.	2.30	6.80	21.	124.	13.0	27.5	63.	49.	25.	54.	39.	56.	154.	8.40	13.30		1.35	6.90	8.80	7.00	36.	1.59	.90
Oct.	6.90	5.70	8.70	70.	2.40	6.80	22.	124.	12.6	23.9	63.	44.	25.	52.	39.	51.	152.	8.40	13.80		1.40	7.00	9.40	7.50	41.	1.53	.95
Nov.	7.00	5.50	8.30	68.	2.55	7.00	22.	126.	12.6	23.9	63.	44.	25.	52.	39.	51.	152.	8.40	13.80		1.40	7.00	9.40	7.50	41.	1.53	.95
Dec.	6.80	5.80	7.60	70.	2.55	7.30	21.	126.	13.1	25.7	64.	46.	27.	52.	39.	53.	153.	8.70	13.80		1.35	7.10	9.40	7.70	46.	1.65	1.20
1939	6.80	5.80	7.90	70.	2.55	7.30	21.	126.	13.5	16.6	65.	47.	28.	54.	41.	51.	160.	8.70	14.00		1.35	7.00	8.60	7.70	50.	1.68	1.20
Jan.	7.20	5.90	8.70	72.	2.80	7.40	21.	124.	14.4	15.3	65.	46.	28.	53.	40.	50.	154.	9.10	14.30		1.45	7.40	9.80	7.70	49.	1.59	1.30
Feb.	7.20	6.00	8.40	72.	3.00	7.40	21.	125.	14.2	15.5	64.	46.	28.	54.	39.	53.	157.	9.50	14.60		1.50	6.70	9.10	7.40	50.	1.53	1.30
Mar.	6.50	6.30	7.80	71.	3.40	8.10	20.	119.	14.6	15.1	66.	47.	29.	52.	39.	52.	160.	9.20	15.50		1.40	6.50	8.80	6.70	49.	1.59	1.20
Apr.	6.40	6.10	8.00	69.	2.95	8.20	21.	121.	14.2	14.4	69.	50.	31.	54.	41.	52.	160.	9.20	15.10		1.50	6.90	9.20	7.30	50.	1.56	1.20

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	Sept.	101*	92	99	111	Index of farm prices <sup>1</sup> , 1910-14=100	Sept.	98	88	95	109
Prices farmers pay <sup>1</sup> , 1910-14=100	Sept.	125*	124*	123	126	Prices farmers pay <sup>1</sup> , 1910-14=100	Sept.	122	119	121	125
Purchasing power, farm products <sup>1</sup> , 1910-14=100	Sept.	81*	74*	80	88	Purchasing power, farm products <sup>1</sup> , 1910-14=100	Sept.	80	74	79	87
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>1</sup></b>					
Farm price of milk <sup>2</sup> , cwt.	Sept.	1.25*	1.18	1.17	1.38	Farm price of butterfat, per lb.	Sept. 15	24.7	22.4	24.1	28.4
Farm price of butterfat <sup>2</sup> , cts.	Sept. 15	29	27	28	32.2	Price (wholesale), 92-score butter, Chicago, per lb.	Sept.	27.44	23.54	25.50	28.75
Price, American cheese, Ws. Cheese Exchange (twins) per lb.	Sept.	14.25	12.44	11.00	14.03	Butter receipts at 4 markets, (000 omitted)	Sept.	52030*	66670	76352	56045
Milk production per cow in herd <sup>2</sup> , lbs.	Oct. 1	14.76	15.89	14.58	14.60	Cheese receipts at 4 markets, (000 omitted)	Sept.	15159*	12772	14855	13215
Milk production per farm <sup>2</sup> , lbs.	Oct. 1	217.5	230.9	211.2	209.7	Milk production per cow in herd	Oct. 1	12.82	14.17	13.15	12.54
Milk production per cow milked <sup>2</sup> , lbs.	Oct. 1	18.90	19.32	18.48	18.42	<b>Cold-Storage Holdings<sup>1</sup>, (000 omitted)</b>					
Cows in herd freshening <sup>2</sup>	Sept.	6.84	4.51	6.45	6.36	Creamery butter	Oct. 1	154571*	172825	210703	142421
Calves born during month being raised <sup>2</sup>	Sept.	39.51	32.91	37.19	33.45	American cheese	Oct. 1	97598*	103594	121423	106418
Grains and concentrates fed <sup>2</sup> per cow in herd	Oct. 1	2.07	1.77	1.49	1.38	Swiss cheese	Oct. 1	5363*	6201	6305	6053
per farm	Oct. 1	29.9	25.5	21.7	18.8	All other cheese	Oct. 1	13657*	15224	13027	10663
per 100 lbs. of milk produced	Oct. 1	13.30	10.49	9.55	8.95	All varieties of cheese	Oct. 1	116618*	125019	140755	123134
Farm price of milk cows <sup>2</sup>	Sept. 15	71	69	70	61.60	Total frozen poultry	Oct. 1	63151*	62870	59942	59748
Wisconsin butter receipts at 4 markets <sup>2</sup> , (000 omitted)	Sept.	5398*	7207	10484	7972	Eggs, shell	Oct. 1	5429*	6598	4765	6159
Wisconsin cheese receipts at 4 markets <sup>2</sup> , (000 omitted)	Sept.	10972*	9626	10685	9805	Eggs, shell and frozen, (case equivalent)	Oct. 1	8900*	10482	7915	9323
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>2</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	Oct. 1	81.9	78.0	81.8	80.9	Hens and pullets per farm flock	Oct. 1	68.0	62.1	65.6	65.3
Eggs per 100 hens and pullets <sup>2</sup>	Oct. 1	29.6	39.9	27.6	27.0	Eggs per 100 hens and pullets	Oct. 1	27.5	36.0	28.2	26.5
Eggs per farm flock <sup>2</sup>	Oct. 1	24.3	31.1	22.5	21.7	Eggs per farm flock	Oct. 1	18.5	21.8	18.3	17.1
Farm price of chickens <sup>2</sup> , per lb.	Sept. 15	13.2	12.2	13.6	14.1	<b>Stacks of Dry, Condensed, and Evaporated Milk<sup>1</sup>, (000 omitted)</b>					
Farm price of eggs <sup>2</sup> , per doz.	Sept. 15	18.6	15.7	24.0	23.1	Dry whole milk	Sept. 1	4374*	4624	6218	4451
<b>Feed Price Changes</b>						<b>Evaporated milk</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	Sept.	101.1	79.4	81.5	105.3	Dry skim milk	Sept. 1	18227*	27613	56031	36917
Cost, 1000 lbs. dairy ration <sup>1</sup>	Sept.	11.87	9.68	10.22	13.39	Dry buttermilk	Sept. 1	2272*	3908	6844	5948
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Sept.	105.3*	121.9	114.5	106.8	Condensed milk (case goods plus bulk goods)	Sept. 1	18987*	21074	30051	26822
Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	Sept.	23.50	17.15	16.20	21.10	Evaporated milk (case goods)	Sept. 1	355071*	41686	419142	262026
Standard bran	Sept.	37.10	30.80	38.50	39.24	<b>Slaughtering under Federal Meat Inspection<sup>1</sup>, (000 omitted)</b>					
Linseed oil meal	Sept.	26.80	21.20	22.20	27.82	Cattle	Sept.	880	823	917	933
Corn gluten feed	Sept.	65.90	48.90	47.20	52.34	Calves	Sept.	427	414	453	492
Tankage	Sept.	24.50	17.85	17.40	22.91	Sheep and lambs	Sept.	1635	1457	1694	1597
Standard middlings	Sept.	35.85	30.60	29.50	34.03	Hogs	Sept.	2885	2792	2671	2232
Cottonseed meal	Sept.	12.69	10.02	10.68	15.00	<b>BUSINESS AND INDUSTRY</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	Sept.	146.6	156.7	224.7	161.5	<b>Prices</b>					
Amt. of ration 10 doz. eggs will buy <sup>1</sup> , lbs.	Sept.	7.00	5.30	8.10	8.94	Wholesale prices <sup>1</sup> , 1910-14=100	Sept. 15	116	109	114	118.4
Farm price of beef cattle <sup>2</sup> , per cwt.	Sept. 15	6.20	5.70	5.70	5.30	All commodities	Sept. 15	117	104	116	126.4
Farm price of veal calves <sup>2</sup> , per cwt.	Sept. 15	9.00	8.30	8.80	7.84	Foods	Sept. 15	122.7*	128.6	132.6	132.6
<b>BUSINESS AND INDUSTRY</b>						<b>Retail food prices<sup>1</sup>, 1910-14=100</b>					
Index of employment <sup>1</sup> , 1925-27=100	Sept.	90.9*	90.0	83.1	87.2	Cost of living <sup>1</sup> , 1923=100	Sept.	84.5	85.9	84.8	84.8
Index of pay rolls <sup>1</sup> , 1925-27=100	Sept.	90.1*	91.6	77.7	76.9	<b>Factory employment (adjusted)<sup>1</sup></b>					
<b>World Price Levels<sup>11</sup></b>						<b>No. of employees, 1923-25=100</b>					
In gold, 1910-1914=100	Sept.	60*	62	66.6	66.6	Business activity <sup>1</sup> , normal=100	Aug.	96*	95	88	95.7
United States Levels <sup>11</sup>	Sept.	61*	63	68.6	68.6	Industrial production (adjusted) <sup>1</sup>	Aug.	93.7*	92.2	82.9	91.3
In gold, 1910-1914=100	Sept.	103*	107	116.0	116.0	1923-25=100	Aug.	102*	101	88	94.8
In currency, 1910-1914=100	Sept.	103*	107	116.0	116.0	1923-25=100	Aug.	70	69	62	68.2

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission, Canning factory data included. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-38. <sup>11</sup> General Motors-Cornell World Price Index of 40 Basic Commodities. \* Preliminary.

prices received by farmers, the index of prices of commodities bought by farmers rose but 1 point, resulting in a favorable change in the purchasing power of Wisconsin farmers. The index of purchasing power on September 15 was only 81 percent of the purchasing power of the 1910-14 period, but it was 7 points above August and 1 point higher than in September 1933.

The advance in farm product prices was led by the livestock group with an increase of 17 points from its August index. The grain price index was up 13 points, poultry products averaged 12 points higher, and milk prices were up 6 points. Prices of cash crops remained unchanged from August. Compared with 1 year ago, cash crop prices were up 18 points, grain prices were up 10 points, and milk prices were up 7 points. Despite the sharp increase during the month ending September 15, livestock prices were 4 points and poultry product prices 20 points below their September 1933 levels.

The combined price of milk for all utilizations during September was reported at \$1.25 per hundredweight by Wisconsin crop reporters. This price is 7 cents higher than Wisconsin farmers received in August and 8 cents above the price reported in September 1933. For the fifth consecutive month an increase has been indicated over the previous month. The price received for milk delivered to market milk establishments rose 8 cents from \$1.54 in August to \$1.62 in September. The price was 2 cents higher than a year ago. Milk used for cheese brought \$1.16 which was 7 cents above the August price and 12 cents above the price in September 1933. Milk used for butter also brought \$1.16 and increased 7 cents from August, but was only 4 cents higher than a year ago. Prices received for milk used by condenseries averaged \$1.27, compared with \$1.20 in August and \$1.22 in September 1933.

**United States Farm Prices**  
The index of prices received by farm-

ers of the United States advanced to 98 percent of the 1910-1914 average in mid-September. Although the farm price index rose 10 points from August 15, it was only 3 points higher than September a year ago. The sharp advance from August to September is the largest monthly change recorded since the spring of 1933. This marked upward trend of farm prices abruptly reversed the downward trend which had continued for the past 2½ years.

Grains, with an upturn of 19 points, led all other group price indexes in the price advance during the month ending September 15. Meat animals were up 16 points; truck crops, 13; poultry products, 12; dairy products, 7; cotton and cottonseed, 5; and fruits, 3 points. Compared with a year ago, grain prices were up 20 points; cotton and cottonseed, 7; truck crops, 7; and dairy products, 3 points. Meat animal prices remained unchanged from the September 1933 levels, while fruit prices were 2 points lower and poultry products 16 points lower.

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)										Purchasing Power			Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops	Fruits and vegetables	Unclassified <sup>2</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>3</sup> (1910-1914=100)	Ratio of prices received for prices paid, Wisconsin <sup>4</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>5</sup>	Index numbers of Wisconsin farm real estate values <sup>6</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>7</sup>	Purchasing power (Column 14 divided by column 23) <sup>8</sup>	Index number of U. S. farm real estate value <sup>9</sup>		
1910	99	99	101	101	98	103	84	100	103	98	101	100	-----	102	104	103	99	104	101	-----	113	98	104	-----		
1911	91	92	111	85	90	91	99	100	118	98	93	92	-----	95	96	87	95	91	102	-----	101	101	94	-----		
1912	102	101	111	95	103	101	117	90	111	101	101	102	97	100	106	95	102	100	94	-----	87	100	100	97		
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	-----	97	100	100	100		
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	-----	85	100	101	103		
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	82	-----	77	105	93	103		
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	100	116	100	-----	110	124	95	108		
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	-----	187	149	117	117		
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	-----	245	176	115	129		
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	178	-----	247	202	105	140		
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	-----	248	201	105	170		
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	-----	101	152	82	157		
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	166	114	143	141	174	-----	156	149	89	139		
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	-----	162	152	93	135		
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	150	-----	212	152	94	130	
1925	144	138	133	133	150	160	164	129	115	155	93	97	130	156	157	140	153	163	172	153	-----	177	157	99	127	
1926	151	152	114	145	150	158	216	126	119	154	98	97	125	145	131	147	152	159	138	143	-----	122	155	94	124	
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	121	-----	128	153	91	119	
1928	156	143	130	145	170	153	140	169	115	153	192	111	120	149	130	151	158	153	176	159	-----	152	155	96	117	
1929	155	148	116	152	162	169	144	177	114	160	103	108	119	146	120	156	157	162	141	149	-----	144	153	95	116	
1930	129	130	95	129	129	124	170	184	99	140	92	92	117	126	100	133	137	129	162	140	-----	102	145	87	115	
1931	89	89	67	85	91	85	107	97	90	121	74	75	104	87	63	92	108	100	98	117	-----	147	63	124	106	
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	102	-----	47	107	61	89	
1933	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	105	-----	64	109	64	73	
1934	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	102	-----	99	123	73	76	
1935	105	106	96	111	105	116	87	89	96	124	85	84	82	108	103	118	108	117	91	127	-----	101	125	86	79	
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	113	-----	100	124	92	82	
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	106	126	132	124	111	122	122	-----	95	130	83	85	
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	105	-----	70	123	77	85	
Jan.	117	107	95	108	124	111	113	115	86	131	89	98	-----	102	91	110	128	113	70	105	-----	66	126	81	-----	
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	111	-----	68	126	77	-----	
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	69	101	-----	70	125	77	-----	
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	98	-----	71	125	75	-----	
May	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	73	92	-----	68	124	74	-----	
June	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	73	92	-----	68	124	74	-----	
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	99	-----	71	123	77	-----	
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	92	-----	69	122	75	-----	
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	107	-----	69	121	79	-----	
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	107	-----	72	121	79	-----	
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	111	109	131	71	102	-----	73	121	78	-----	
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	109	112	127	73	108	-----	70	120	80	-----	
1939													86												84	
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	-----	94	66	112	109	97	76	96	-----	71	120	78	-----	
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	-----	92	66	116	107	91	78	108	-----	70	120	77	-----	
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	-----	91	66	116	100	88	81	114	-----	71	120	76	-----	
Apr.	91	97	70	106	84	86	105	85	67	122	75	69	-----	89	67	114	95	87	82	102	-----	70	120	74	-----	
May	91	96	74	104	85	82	106	85	69	122	75	70	-----	90	72	112	92	85	85	110	-----	72	120	75	-----	
June	90	92	75	97	88	78	106	85	71	122	74	72	-----	89	73	107	94	83	93	105	-----	73	120	74	-----	
July	92	95	69	100	89	81	118	85	71	123 <sup>10</sup>	75 <sup>10</sup>	72 <sup>10</sup>	-----	89	66	107	96	89	80	101	-----	73	120	74	-----	
Aug.	92	92	66	94	93	83	114	85	71	124 <sup>10</sup>	74 <sup>10</sup>	75 <sup>10</sup>	-----	88	64	101	100	90	70	101	-----	71	119	74	-----	
Sept.	101 <sup>10</sup>	104	79	111	99 <sup>10</sup>	95	114	85	74	125 <sup>10</sup>	81 <sup>10</sup>	79 <sup>10</sup>	-----	98	83	117	107	102	73	114	-----	76	122	80	-----	

<sup>1</sup> Prepared by the Bureau of Agricultural Economics, United States Department of Agriculture. <sup>2</sup> Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup> Includes dry beans, flaxseed, hay, dry peas, sugar beets, and wool. <sup>4</sup> New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup> The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup> The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup> Average of estimated values, 1912-14=100. <sup>8</sup> These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup> Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup> Preliminary.

In contrast to the increase of 10 points in the level of prices received by farmers from August 15 to September 15, the level of prices paid by farmers rose only 3 points. The ratio of prices received to prices paid was 6 points higher than in mid-August and 1 point higher than a year ago. Nevertheless, this indication of farmers' purchasing power was only 80 percent of the average during the period, 1910-14.

Farm Wages and Employment

Total employment on farms of Wisconsin crop reporters is somewhat be-

low that of a year ago and wages paid to hired laborers average lower than for October 1 of last year.

For most of the months of this year farm employment in the state has been below that of a year ago. This decrease in employment has been because of a smaller number of hired laborers as compared with a year ago. The number of family workers employed is slightly larger than reported for October of last year.

October 1 reports from Wisconsin crop reporters indicate that 232 persons are employed per 100 farms in the state. Of the total number of persons

employed per 100 farms 175 are family workers receiving no pay and 57 are hired laborers. A year ago 239 persons were employed per 100 farms.

The index for farm wage rates shows that wages paid to farm workers are 11 percent above the 1910-14 average. Wage rates at the beginning of the month averaged \$30.25 per month with board, which is slightly below the average for last year. Other farm wage rates reported for October 1 indicate that hired laborers in the state averaged \$43 per month without board, \$1.55 per day with board, and \$2.05 per day without board.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service

WISCONSIN DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

Federal-State Crop Reporting Service  
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## IN THIS ISSUE

### November Crop Report

Dry weather has continued through the fall season. Corn has turned out somewhat better than expected. Pastures are short and livestock feeding was begun early.

### The Potato Crop

Production of potatoes in the United States is now estimated at about 362 million bushels—the crop being about 10 million bushels under a year ago.

### 1938 Dairy Manufactures

Increased production of manufactured dairy products last year is shown by the complete reports for the United States. County tables for Wisconsin and state data for the country as a whole are shown in this issue.

### Milk Cow Prices

The uptrend in milk cow prices continues—the average of October prices for the state being \$1 per head above September.

### Milk Production

Production of milk is at about last year's level. Production per cow is lower than a year ago but more cows are being milked.

### Egg Production

Slightly fewer eggs are being produced this year than last year but the number of young chickens on farms is quite large so that heavier egg production during the winter is in prospect.

### Current Changes

Business and industrial indexes are above last year. Stocks dairy products have been reduced below a year ago. Slaughtering total larger than last year.

### Wisconsin Farm Prices Higher

The Wisconsin farm price index rose 2 points during the month, but the index of farm product prices for the country as a whole was down 1 point. Prices received by Wisconsin farmers in October averaged 106 percent of the 1910-14 average compared with 97 percent for the nation.

ANOTHER dry year has been experienced in Wisconsin. Unlike a year ago the fall season has been especially dry. Weather during the past few months was favorable for harvesting and most field work, but pastures have been short and plant growth has generally been slow because of the lack of moisture. Seeding of winter grains was difficult because of the dry weather during September.

As is shown by the weather table on this page, rainfall deficits for the year are quite general throughout the state. The greatest shortages are found in the southern half of the state, notably such stations as Madison, La Crosse, Green Bay, and Milwaukee. In the region from Madison eastward, corn yields were considerably reduced by lack of late summer moisture.

On the whole, Wisconsin has a good corn crop this year. Yields are especially heavy in the southwestern part of the state where weather conditions have been quite favorable and where the percentage of the acreage planted to hybrid seed is at a new high point. Data for November 1 indicate an average yield of 37 bushels per acre for the state and ripe corn is found clear to the northern end of Wisconsin. While the yield this year is somewhat under last year and the acreage of corn is also reduced, the production is nevertheless 17 percent above the 10-year average. This combined with a nearly average grain crop and a good supply of hay should make an adequate feed supply for the winter-feeding season.

At this time of the year much interest prevails in the potato situation. Wisconsin's crop is now estimated at a little over 18 million bushels, which is well below the average production for the state in recent years. The quality of the potatoes this year is quite good. So far as the United States supply is concerned, the situation has been moderately favorable to potato growers. The estimate of nearly 362 million bushels is about 10 million bushels under last year and under average so that the market situation has been somewhat better than a year ago.

Fall pastures have generally been short. Wisconsin crop reporters report pastures at 61 percent of normal compared with 86 percent of normal a year ago and a 5-year average of 74 percent. Lack of rain during the past few months reduced pasture

growth in much of the state and close grazing is generally noted. There is little roughage left on the fields.

Weather Summary, October 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	October 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	20	71	43.0	44.1	2.09	2.31	-0.92
Spooner.....	11	74	45.9	46.3	1.10	2.37	-1.25
Park Falls.....	19	80	44.0	44.2	1.84	2.66	+6.17
Rhineland.....	21	80	45.6	44.6	1.66	2.77	+1.08
Wausau.....	22	77	47.4	47.2	1.42	2.77	+0.27
Marinette.....	25	77	48.4	50.9	1.85	2.66	-0.81
Escanaba.....	27	70	45.4	46.0	2.16	2.63	-1.43
Minneapolis.....	23	77	47.5	48.9	1.56	2.08	-1.90
Eau Claire.....	21	80	47.5	48.9	1.28	2.91	-1.71
La Crosse.....	25	79	50.7	50.3	1.71	2.32	-7.11
Hancock.....	17	79	48.8	48.4	2.22	2.49	-4.06
Oshkosh.....	23	78	49.4	49.6	1.97	2.25	-1.83
Green Bay.....	27	77	49.0	48.5	2.83	2.54	-5.73
Manitowoc.....	28	75	49.2	49.0	2.60	2.78	-5.52
Dubuque.....	28	87	53.4	51.9	4.19	2.48	-1.20
Madison.....	29	84	52.0	50.3	1.93	2.43	-8.74
Beloit.....	26	85	54.2	51.3	1.36	2.68	-3.76
Milwaukee.....	31	83	53.2	51.1	2.43	2.35	-4.00

## United States Crops

For the United States the November data indicate a substantial increase in the corn production over the estimates made earlier. Record yields are being made in some of the important Corn Belt States partly as a result of the great increase in the planting of hybrid seed which combined with a favorable crop year has brought the 1939 corn crop to an estimated total of 2,591

## Estimated Potato Production

(Thousands of bushels)

State	1939	1938	10-year average 1928-37
Maine.....	38,250	39,600	44,968
Idaho.....	29,670	25,750	23,308
Michigan.....	26,500	30,000	25,922
New York.....	26,125	26,840	29,005
Pennsylvania.....	22,680	22,002	25,584
California.....	22,052	18,720	10,117
Minnesota.....	20,315	20,700	25,691
Wisconsin.....	18,128	19,080	23,380
Colorado.....	14,355	11,830	14,762
Ohio.....	12,626	12,626	12,308
North Dakota.....	11,016	12,070	9,137
North Carolina.....	8,265	8,690	8,028
Nebraska.....	7,568	6,240	8,456
New Jersey.....	7,336	10,530	7,615
Washington.....	7,250	7,568	8,422
Oregon.....	7,200	7,310	6,109
Other states.....	82,419	89,061	89,446
United States.....	361,765	371,617	372,258

## Crop Summary of Wisconsin for November 1, 1939

Crop	Acreage			Production				Unit	Yield per Acre			
	1939 preliminary	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	November 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of		Indicated 1939	1938	10-year average 1928-37	
							1938					10-year average
Corn.....	2,257,000	2,351,000	- 4.0	83,509,000	90,514,000	71,042,000	92.3	117.5	Bus.	37.0	38.5	31.8
Potatoes.....	205,000	212,000	- 2.8	18,128,000	19,080,000	23,380,000	95.0	77.5	Bus.	88	90	88
Tobacco.....	23,500	24,700	- 4.9	32,810,000	32,710,000	32,098,000	100.3	102.2	Lbs.	1396	1324	1316
Oats.....	2,234,000	2,455,000	- 9.0	72,605,000	76,105,000	78,017,000	95.4	93.1	Bus.	32.5	31.0	31.5
Barley.....	794,000	771,000	+ 3.0	23,026,000	24,286,000	21,260,000	94.8	108.3	Bus.	29.0	31.5	27.4
Rye.....	251,000	330,000	- 23.9	2,510,000	4,290,000	2,515,000	58.5	99.8	Bus.	10.0	13.0	10.8
Winter wheat.....	41,000	67,000	- 38.8	615,000	1,106,000	578,000	55.6	106.4	Bus.	15.0	16.5	17.6
Spring wheat.....	50,000	53,000	- 5.7	750,000	901,000	1,245,000	83.2	60.2	Bus.	15.0	17.0	16.8
Buckwheat.....	10,000	12,000	- 16.7	125,000	150,000	187,000	83.3	66.8	Bus.	12.5	12.5	11.0
All tame hay.....	3,921,000	3,655,000	+ 7.3	5,764,000	6,479,000	4,429,000	89.0	130.1	Tons	1.47	1.77	1.37
Alfalfa hay.....	1,175,000	1,199,000	- 2.0	2,056,000	2,758,000	1,114,000	74.5	184.6	Tons	1.75	2.30	1.95
Clover and timothy hay.....	2,268,000	2,007,000	+ 13.0	3,062,000	3,010,000	2,816,000	101.7	108.7	Tons	1.35	1.50	1.25
Other tame hay.....	478,000	449,000	+ 6.5	646,000	711,000	499,000	90.9	129.5	Tons	1.35	1.58	-----
Wild hay.....	166,000	184,000	- 9.8	174,000	184,000	273,000	94.6	63.7	Tons	1.05	1.00	.98
Dry peas.....	7,000	6,000	+ 16.7	98,000	84,000	274,000	116.7	35.8	Bus.	14.0	14.0	13.0
Dry beans.....	1,000	2,000	- 50.0	5,000	8,000	24,000	62.5	20.8	Cwt.	5.1	4.2	3.97
Flax.....	13,000	4,000	+225.0	143,000	44,000	64,000	325.0	223.4	Bus.	11.0	11.0	10.8
Sugar beets.....	17,200	14,400	+ 19.4	154,800	163,000	103,530	95.0	149.5	Tons	9.0	11.3	8.3
Peas for canning.....	68,300	102,300	- 33.2	100,400,000	198,400,000	145,524,000	50.6	69.0	Lbs.	1470	1940	1401
Corn for canning.....	19,400	27,400	- 29.2	42,700	60,300	27,800	70.8	153.6	Tons	2.2	2.2	2.2
Snap beans for canning.....	6,600	9,100	- 27.5	9,900	12,700	8,100	78.0	122.2	Tons	1.5	1.4	1.4
Lima beans for canning.....	1,800	1,900	- 5.3	2,140,000	2,600,000	600,000 <sup>3</sup>	82.3	355.7	Lbs.	1190	1370	1000
Cabbage.....	11,700	15,660	- 25.3	72,800	182,700	114,700	39.8	63.5	Tons	6.22	11.67	7.06
Onions, commercial.....	1,250	1,210	+ 3.3	250,000	218,000	173,000	114.7	144.5	Cwt.	200	180	162
Cherries.....	-----	-----	-----	8,350	8,600	8,699	97.1	96.0	Tons	-----	-----	-----
Cranberries.....	2,500	2,400	+ 4.2	103,000	64,000	60,100	160.9	171.4	Bbbs.	41.2	26.7	26.7
Pasture.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	61 <sup>1</sup>	86 <sup>1</sup>	74 <sup>2</sup>

<sup>1</sup> November 1 condition.<sup>2</sup> 5-year average condition, 1934-38.<sup>3</sup> 10-year average, 1929-37.

million bushels. This is about 49 million bushels more than the big crop of last year. Decreases in production are noted for some of the other crops such as beans, buckwheat, rice, and potatoes. A remarkable increase is again noted in the production of soybeans—the nation's total output being close to 80 million bushels compared with 58 million bushels reached for the first time last year. The development of soybeans for grain in the United States has largely come during the last 10 years and the rate of increase seems to continue. Even in southern Wisconsin a considerable expansion in soybeans for grain is noted this year. Fruit production estimates are about the same as shown a month ago. It appears that fruits in general are abun-

dant—the tonnage of deciduous fruits being 16 percent above last year and generally at least as large as the 10-year average. Total supplies of fruits generally appear to be adequate.

## United States Dairy Manufactures —1938

The manufacture of creamery butter, factory cheese, and total condensed or evaporated products in the United States for 1938 was the highest ever recorded. Butter produced in American creameries was reported at 1,786,152,000 pounds—an increase of 10.0 percent over the 1937 production. Wisconsin's share of the nation's production at 10.6 percent was only slightly less than its share of 10.8 percent a year ago. Only Minnesota and Iowa reported greater

creamery butter production than Wisconsin.

Total cheese production in 1938 increased 11.6 percent over production in 1937. The 1938 production was 724,574,000 pounds, of which Wisconsin produced 50.4 percent. For the sixth consecutive year, American cheese production has set a record over all previous years. The 1938 production of 559,627,000 pounds was 13.7 percent greater than in 1937. Wisconsin led all other states by a large margin, producing 50.4 percent of the nation's total compared with 49.4 percent in 1937. Illinois moved into second place in American cheese production, replacing New York which dropped to fourth place below third-place Indiana. Swiss cheese production of 43,084,000 pounds was the

## Crop Summary of the United States for November 1, 1939

Crop	Acreage (000 omitted)			Production (000 omitted)			1939 Production as a Percent of		Unit	Yield per Acre		
	1939 preliminary	1938	Percent increase (+) or decrease (-) of 1939 acreage compared with 1938	November 1, 1939 forecast	1938	10-year average 1928-37	1939 as a percent of			Indicated 1939	1938	10-year average 1928-37
							1938	10-year average				
Corn.....	90,734	91,792	- 1.2	2,591,063	2,542,238	2,309,674	101.9	112.2	Bus.	28.6	27.7	23.0
Potatoes.....	3,074.3	3,019.6	+ 1.8	361,765	371,617	372,258	97.3	97.2	Bus.	117.7	123.1	111.4
Tobacco.....	1,802.5	1,602.8	+ 12.5	1,659,409	1,378,534	1,360,400	120.4	122.0	Lbs.	920.6	860.1	803.2
Oats.....	33,574	35,477	- 5.4	941,230	1,053,839	1,049,300	89.3	89.7	Bus.	28.0	29.7	27.7
Barley.....	12,546	10,513	+ 19.3	269,540	252,139	233,021	106.9	115.7	Bus.	21.5	24.0	20.7
Rye.....	4,100	3,979	+ 3.0	40,834	55,039	36,330	74.2	112.4	Bus.	10.0	13.8	11.1
Winter wheat.....	38,572	49,711	- 22.4	550,710	686,637	560,160	80.2	98.3	Bus.	14.3	13.8	14.5
Durum wheat.....	3,095	3,545	- 12.7	33,144	40,445	35,076	81.9	94.5	Bus.	10.7	11.4	9.4
Spring wheat other than durum.....	13,333	16,965	- 21.4	155,591	203,719	157,716	76.4	98.7	Bus.	11.7	12.0	10.9
Buckwheat.....	390	453	- 13.9	5,905	6,682	7,964	88.4	74.1	Bus.	15.1	14.8	15.8
Flax.....	2,034	954	+113.2	17,439	1,171	11,943	213.4	146.0	Bus.	8.6	8.6	5.9
Cabbage.....	178.95	186.79	- 4.2	1,073.2	1,495.8	1,082.4	71.7	99.2	Tons	6.0	8.01	6.54
Onions.....	130.44	138.03	- 5.5	17,155	14,930	13,797	114.9	124.3	Cwt.	132	108	117
Cranberries.....	28.05	27.95	+ .4	668	475.7	598.7	140.4	111.6	Bbbs.	23.8	17.0	21.6
Tame hay.....	57,801	56,309	+ 2.6	75,023	80,299	68,765	93.4	109.1	Tons	1.30	1.43	1.24
Wild hay.....	11,386	11,774	- 3.3	8,999	10,444	9,414	86.2	95.6	Tons	.79	.89	.76
Pasture.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	56 <sup>1</sup>	69 <sup>1</sup>	-----

<sup>1</sup> November 1 condition.

highest on record and was 3.8 percent greater than last year. Brick and Munster cheese production declined 1.8 percent from 1937 to 1938, when 34,995,000 pounds were made. Wisconsin's share of the United States Swiss cheese production was 68.2 percent, and its share of brick and Munster cheese production was 89.8 percent. The Limburger cheese output in 1938 was 9,307,000 pounds compared with 8,165,000 pounds in 1937.

Condensery products reached an all-time high production of 3,370,341,000 pounds in 1938, an increase of 10.0 percent from 1937. The major condensery product—unsweetened evaporated whole milk in case—with a production of 2,104,198,000 pounds in 1938 was up 10.6 percent from 1937. Wisconsin's share of the nation's total condensery products manufactured dropped from 27.9 percent in 1937 to 26.6 percent in 1938, but still led all other states in this important branch of dairy production.

Ice cream production at 281,883,000 gallons in 1938 was only slightly higher than in 1937. While dried casein production in the United States declined from 67,467,000 pounds in 1937 to 48,549,000 pounds in 1938, dry skim milk production increased from 372,203,000 pounds in 1937 to 449,039,000 pounds in 1938.

**Seasonal Variation in Manufacture of Wisconsin Dairy Products**

Most of Wisconsin's dairy products—especially the important ones—normally reach their peak of production in June when milk production is highest. Some minor products reach the peak of production in other months for such reasons as: Meeting a special market demand; better quality due to the season of the year; habits of dairy men in sections where certain dairy products are made; and better economic use of plant and labor. The low months in manufacture of most products come in the fall and winter when milk production is low.

The largest production of creamery butter and evaporated whole milk (case goods) comes in June and the lowest in November. American cheese

production reaches a peak in June and a low in December. Important by-products, such as casein and powdered milk, reach high and low periods of production in the same months as creamery butter and evaporated milk.

The differences between the high and low periods of production vary widely among the dairy products. November production of creamery butter, for example, is normally 74 percent of the average monthly production of the year, while the highest production month (June) is normally 144 percent of monthly average. In contrast, Swiss cheese production fluctuates from 32 percent of the monthly average in February to 180 percent in June—a difference of 148 points. American cheese production shows a change from 66 percent of the monthly average in the lowest period of production to 158 percent in the highest period.

The accompanying table shows not only the months of high and low production of each commodity but also the great differences in the monthly volume of production of these products.

**Wisconsin Milk Cow Prices, October 15, 1938 and 1939 and September 15, 1939 by Crop Reporting Districts**  
(Dollars per head)

District	October 15 1939	September 15 1939	October 15 1938
1. Northwest	67	67	67
2. North	64	64	63
3. Northeast	62	62	59
4. West	70	68	67
5. Central	71	71	72
6. East	79	79	77
7. Southwest	68	68	65
8. South	82	80	82
9. Southeast	77	76	77
State Average <sup>1</sup>	72	71	70

<sup>1</sup>State average price derived by weighting district prices by milk cow numbers.

**Wisconsin Milk Cow Prices**

Wisconsin farmers received \$1 per head more for milk cows in mid-October than in mid-September, according to price reporters. At \$72 per head milk cows brought \$2 more than on October 15 a year ago. Prices in the West, South, and Southeast Districts were slightly higher than in September, while all other district prices remained unchanged. Compared with a year ago, October milk cow prices were higher in the Northeast, West, Southwest, East, and North Districts; remained unchanged in the Northwest, South, and Southeast Districts; and were slightly lower in the Central District.

**Wisconsin November Milk Production**

Milk production per cow in herds of Wisconsin crop reporters on November 1 was only about 1 percent lower than on November 1 last year, although pasture condition was reported a 61 percent of normal for November 1 compared with 86 percent a year ago. The poor pasture condition on November 1 is due to the generally dry weather and close grazing of the past 2 months. Production per cow in herd was 13.49 pounds on November 1, 13.64 pounds on November 1, 1938, and 13.28 pounds for the 10-year average of November 1, 1928-37. Milk production per farm was reported at 197.5 pounds on November 1, which was about 1 percent above November 1 last year and nearly 3 percent higher than the November 1 average for the years 1928-37. Crop correspondents also reported a slightly higher production per cow milked on November 1 compared with a year earlier but a slightly lower production when compared with the 10-year average for November 1, 1928-37.

On November 1, herds on dairy correspondents' farms were securing but 33 percent of their total feed from pasture as compared with 60 percent from pasture on November 1 a year ago. Unusually heavy feeding of grain and concentrates has resulted. An average of 3.29 pounds of grain and concentrates per milk cow was fed on November 1, or an increase of nearly 54 percent over

**Seasonable Variation in the Manufacture of Wisconsin Dairy Products<sup>1</sup>**

(Percent of Average)

Product	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average	Point Difference (High month minus low month)
<b>Creamery Butter</b> .....	86	82	97	102	131	144†	123	103	92	86	74*	80	100	70
<b>Cheese:</b>														
American.....	72	72	87	98	131	153†	138	115	101	93	69	66*	100	92
Swiss.....	36	32*	52	89	161	180†	162	136	124	110	71	47	100	148
Brick and Munster.....	96	90	106	112	127	130†	101	86	82*	89	89	92	100	48
Limburger.....	63	59*	80	100	145	150†	127	106	103	103	85	79	100	91
Italian.....	88	89	110	122	135†	128	109	83	76*	86	81	93	100	59
Cottage, pot and bakers'	95	97	124†	106	105	103	105	95	90*	94	95	91	100	34
<b>Condensed Products:</b>														
Evap. whole milk, unsw. (case).....	83	86	107	114	140	152†	123	99	82	81	65*	68	100	87
Cond. whole milk, unsw. (bulk).....	108	88	123	121	149†	147	103	86	74	70	65	61*	100	88
Cond. whole milk, sweet. (case).....	78	71	96	106	115	87	51*	116	96	81	132	171†	100	120
Cond. whole milk, sweet. (bulk).....	79	63*	77	95	107	130	101	128	135†	123	83	79	100	72
Cond. skim milk, unsw. (bulk).....	67*	71	70	91	104	128	146†	131	101	109	91	91	100	79
Cond. skim milk, sweet. (bulk).....	116†	98	92*	93	116†	115	97	95	94	96	93	95	100	24
Concentrated skim milk (animal feed).....	62	44*	79	95	103	121	141†	127	95	97	115	121	100	97
Cond. or evap. buttermilk.....	89	84*	96	99	113	128†	109	101	99	102	89	91	100	44
<b>Powdered Products:</b>														
Dried or powdered skim milk.....	92	89	103	107	133	144†	119	92	81	77	76*	87	100	68
Dried or powdered whole milk.....	83	94	113	99	98	121†	82*	101	99	119	90	101	100	39
Dried or powdered buttermilk.....	83	87	104	108	133	143†	121	101	87	82	72*	79	100	71
Casein (dried and wet).....	77	79	98	109	144	153†	131	108	89	72	64*	71	100	94
Malted milk powder.....	97	101	118†	117	114	109	90	97	94	100	84	79*	100	39
<b>Miscellaneous:</b>														
Ice cream mix.....	49	50	68	88	142	179	208†	168	101	56	49	42*	100	166
Whole milk shipped out of state.....	100	93*	103	96	100	96	99	96	104	108†	103	102	100	15
Cream shipped out of state <sup>2</sup> .....	83	83	98	103	122	128	132†	117	92	78*	83	81	100	54

† Month of highest production.

\* Month of lowest production.

<sup>1</sup> Computed from annual reports of Wisconsin dairy plants, 1930-38, by the "Ratio to 12-month moving average" method. The figures for each month represent the percentage each month's usual production is of the average monthly production of the year.

<sup>2</sup> Includes whey cream.

Dairy Manufactures in the United States by States, 1938<sup>1</sup>

(Thousands, i. e., 000 omitted)

State	Creamery Butter lbs.	Cheese					Condensery Products						Ice Cream <sup>7</sup> gals.	Casein (in terms of dried) <sup>8</sup> lbs.
		American lbs.	Brick and Munster lbs.	Swiss (drum and block) lbs.	Cream lbs.	All other <sup>2</sup> lbs.	Total (excluding cottage, pot & bakers') lbs.	Condensed whole milk (sweetened) <sup>3</sup> lbs.	Condensed and evaporated whole milk (unsweetened) <sup>4</sup> lbs.	Powdered skim and whole milk <sup>5</sup> lbs.	Total condensery products <sup>6</sup> lbs.			
Maine.....	119	33				33			78	447	1,535	98		
New Hampshire.....										625	1,494			
Vermont.....	3,015	794			256	1,228	3,265		8,010	30,425	767	2,098		
Massachusetts.....	592				626	63				15	10,762			
Rhode Island.....	17				20	20					2,207			
Connecticut.....	153					126	5		211	1,484	3,155			
New York.....	15,596	26,141	191	254	20,479	11,425	58,490	15,179	143,766	71,549	297,247	38,769	7,700	
New Jersey.....	41				1,355	41	1,396	123	513	1,715	7,424			
Pennsylvania.....	12,479	1,665		745	3,479	1,916	7,805	4,347	59,320	15,261	136,271	38,163	184	
<b>North Atlantic.....</b>	<b>32,012</b>	<b>28,633</b>	<b>191</b>	<b>999</b>	<b>26,215</b>	<b>13,749</b>	<b>69,787</b>	<b>22,919</b>	<b>203,614</b>	<b>95,109</b>	<b>469,098</b>	<b>103,407</b>	<b>10,080</b>	
Ohio.....	85,074	10,790	49	4,782	1,527	1,633	18,781	5,710	221,429	15,603	300,227	18,286	209	
Indiana.....	71,139	27,108	12		14	5	27,229	4,340	91,366	10,326	144,939	7,559	90	
Illinois.....	77,643	31,241	2,863	4,258	1,362	2,226	41,950	6,527	139,868	3,959	179,128	18,688	3,890	
Michigan.....	86,757	13,990	49				16,081	15,047	116,693	45,554	214,275	14,202	220	
Wisconsin.....	188,933	281,977	31,430	29,377	8,308	14,123	365,215	9,785	690,235	122,406	895,052	8,646	16,926	
<b>East North Central.....</b>	<b>509,546</b>	<b>365,196</b>	<b>34,403</b>	<b>38,417</b>	<b>11,211</b>	<b>20,029</b>	<b>469,256</b>	<b>41,409</b>	<b>1,259,591</b>	<b>197,848</b>	<b>1,733,621</b>	<b>67,381</b>	<b>21,335</b>	
Minnesota.....	301,604	15,232			76	458	15,766	6,363	16,284	23,053	78,066	7,763	2,903	
Iowa.....	229,604	3,745				77	3,822		29,463	640	52,831	6,260	345	
Missouri.....	93,265	11,314			9	159	11,482		68,981	19,484	107,365	7,911	522	
North Dakota.....	44,685										3,311	927		
South Dakota.....	36,105	993					993				989	1,132	20	
Nebraska.....	65,216	2,032					2,032			3,921	14,199	2,300		
Kansas.....	78,142	8,531				838	9,369	3,822	28,165	4,311	58,395	3,552	60	
<b>West North Central.....</b>	<b>851,621</b>	<b>41,847</b>			<b>85</b>	<b>1,532</b>	<b>43,464</b>	<b>10,185</b>	<b>142,893</b>	<b>51,409</b>	<b>315,156</b>	<b>29,845</b>	<b>3,850</b>	
Delaware.....	42			102			102					1,407		
Maryland.....	2,290			28			28		30,774	5,916	42,690	4,725		
Virginia.....	7,478	73					73		17,224	1,238	25,380	3,757		
West Virginia.....	2,963	380					380				496	2,664		
North Carolina.....	2,764	670					670				99	3,639		
South Carolina.....	622	236					236					786		
Georgia.....	2,135	217					217				48	2,570		
Florida.....	222										16	2,703		
<b>South Atlantic.....</b>	<b>18,516</b>	<b>1,576</b>		<b>130</b>			<b>1,706</b>		<b>47,998</b>	<b>7,154</b>	<b>58,729</b>	<b>25,797</b>		
Kentucky.....	23,814	6,901					6,901		61,205	1,977	67,237	1,776	3	
Tennessee.....	20,270	13,065			1,365		14,430	2,289	59,614	5,364	69,138	3,585		
Alabama.....	1,689	1,909					1,909		7,216	167	8,559	1,821		
Mississippi.....	7,468	11,006			8		11,014	10,012	35,089	3,589	51,608	1,156		
Arkansas.....	7,588	2,904				98	3,002				130	1,056		
Louisiana.....	1,618	546					546	35			112	2,105		
Oklahoma.....	51,407	7,713					7,713				153	3,928		
Texas.....	36,829	19,400			2,505	1,005	22,910	61	32,718	4,996	53,503	10,138		
<b>South Central.....</b>	<b>150,683</b>	<b>63,444</b>			<b>3,878</b>	<b>1,103</b>	<b>68,425</b>	<b>12,397</b>	<b>195,842</b>	<b>16,358</b>	<b>254,250</b>	<b>24,920</b>	<b>3</b>	
Montana.....	11,567	1,435					1,435				86	1,316	9	
Idaho.....	32,974	9,512	335	2,268			12,115		16,433	13,680	31,209	984	2,286	
Wyoming.....	2,870	731		933			1,664			759	759	349		
Colorado.....	22,287	2,099				1,740	3,839		19,694	720	24,042	2,827		
New Mexico.....	2,858	1,164					1,164					372		
Arizona.....	2,548	122				393	515		9,860	265	10,354	632	253	
Utah.....	10,835	4,193					4,193	674	50,935	5,560	57,675	1,012	170	
Nevada.....	2,439	19				3	22			35	35	175		
Washington.....	37,109	9,096	20		14	294	9,448	216	72,203	13,836	91,584	3,926	1,673	
Oregon.....	31,205	19,599			217	190	20,356		31,649	7,223	40,891	2,376	192	
California.....	67,032	10,961	46	96	2,463	3,619	17,185	1,760	182,080	60,579	272,852	16,564	8,698	
<b>West.....</b>	<b>223,774</b>	<b>58,931</b>	<b>401</b>	<b>3,538</b>	<b>2,667</b>	<b>6,399</b>	<b>71,936</b>	<b>2,650</b>	<b>382,854</b>	<b>102,657</b>	<b>529,487</b>	<b>30,533</b>	<b>13,281</b>	
<b>United States.....</b>	<b>1,786,152</b>	<b>559,627</b>	<b>34,995</b>	<b>43,084</b>	<b>44,056</b>	<b>42,812</b>	<b>724,574</b>	<b>89,560</b>	<b>2,232,792</b>	<b>470,535</b>	<b>3,370,341</b>	<b>281,883</b>	<b>48,549</b>	
<b>Change from 1937.....</b>	<b>+10.0</b>	<b>+13.7</b>	<b>- 1.8</b>	<b>+ 3.8</b>	<b>+ .2</b>	<b>+19.5</b>	<b>+11.6</b>	<b>- 6.5</b>	<b>+ 9.7</b>	<b>+21.9</b>	<b>+10.0</b>	<b>+ .3</b>	<b>-28.0</b>	
<b>Wisconsin as a % of U. S.....</b>	<b>10.6</b>	<b>50.4</b>	<b>89.8</b>	<b>63.2</b>	<b>18.9</b>	<b>33.0</b>	<b>50.4</b>	<b>10.9</b>	<b>30.9</b>	<b>21.0</b>	<b>25.6</b>	<b>3.1</b>	<b>34.9</b>	

<sup>1</sup> From published reports of the Agricultural Marketing Service, United States Department of Agriculture.

<sup>2</sup> The total of "All other cheese" includes 5,825,000 pounds of part skim American, 164,000 pounds of full skim American, 9,307,000 pounds of Limburger, 16,461,000 pounds of all Italian varieties, and 11,055,000 pounds of miscellaneous varieties not classified separately.

<sup>3</sup> Includes 41,539,000 pounds of case and 48,021,000 pounds of bulk products.

<sup>4</sup> Includes 2,104,198,000 pounds of unsweetened evaporated case goods and 128,594,-

000 pounds of unsweetened condensed bulk goods.

<sup>5</sup> Includes 449,039,000 pounds of dried or powdered skim milk and 21,496,000 pounds of dried or powdered whole milk.

<sup>6</sup> Includes the condensery products listed here and minor products not listed separately. This excludes dry or powdered whey.

<sup>7</sup> Includes 3,566,000 gallons of ice cream manufactured in the District of Columbia.

<sup>8</sup> Includes the dry and wet quantities reported separately, combined in terms of dried casein.

the amount fed on November 1, 1938, and 32 percent over the 8-year average fed on November 1 for the years 1930-37.

**United States Milk Production**

Milk production per cow in herds kept by United States crop correspondents was reported at 12.30 pounds on November 1, compared with 12.42 pounds on that date last year, and 11.82 pounds on November 1 in the 10-

year period, 1928-37. The slight reduction in rate of production per cow from a year ago appears to have been about offset by an increase in the number of milk cows on farms, with the result that the total quantity of milk produced in the United States on November 1 was about the same as a year ago. In spite of poor pastures, production in herds has been aided by liberal feeding of grains and

concentrates.

**Wisconsin Egg Production**

A record number of layers per farm flock for November 1 was reported by Wisconsin crop correspondents, and there also were more pullets not of laying age than a year ago. Egg production, however, is lower than a year ago when it was at a record high point. Egg prices have advanced sharply while chicken prices are lower. Present

**Dairy Manufactures in Wisconsin By Counties, 1938**  
(Thousands, i. e., 000 omitted)

County	Creamery Butter lbs.	Cheese					Total cheese excluding cottage, pot & bakers, lbs.	Condensery Products				Ice Cream <sup>6</sup> gals.	Casein in terms of dried <sup>7</sup> lbs.	Milk Shipped Out of the State lbs.	Cream Shipped Out of the State <sup>8</sup> lbs.
		American lbs.	Brick & Munster lbs.	Swiss (drum & block) lbs.	Limburger lbs.	All other <sup>1</sup> lbs.		Condensed whole milk (sweetened) <sup>2</sup> lbs.	Evap. and con. whole milk, unsweetened <sup>3</sup> lbs.	Powdered skim and whole milk <sup>4</sup> lbs.	Total condensery products <sup>5</sup> lbs.				
Barron	7,848	870	443	3,929		5,242	950		12,578	18,549	96	832		7,331	
Bayfield	1,117	1,314				1,314						186		88	
Burnett	1,879	35	1	61		97					2	4		101	
Chippewa	4,800	3,300				3,300		42,368	6,056	48,424	104	1,472		2,010	
Douglas	1,174								1,125	1,259	150			816	
Polk	6,851	2,585	126	334	1,292	4,337			5,361	6,561	55	399		259	
Rusk	1,996	1,914	25			1,939			5,757	6,095	35	308		3,812	
Sawyer	618	246				246						56		106	
Washburn	1,706	162				162			780	942	6	150		8	
<b>Northwest Dist.</b>	<b>28,049</b>	<b>10,486</b>	<b>595</b>	<b>4,324</b>		<b>1,292</b>	<b>16,697</b>	<b>950</b>	<b>42,368</b>	<b>31,657</b>	<b>81,830</b>	<b>448</b>	<b>3,407</b>	<b>14,531</b>	
Ashland	842	1,718	244			1,962					81	127		141	
Clark	4,787	10,735	50	276		17,061		29,385	1,594	35,363	30	2,598		3,725	
Iron	196	758				758					31	2		13	
Lincoln	882	3,164	1			3,165		15,151	173	15,324	27	7			
Marathon	3,385	21,999	439	215		22,353			503	4,312	152	843	21	95	
Oneida	145										50	6			
Price	1,469	3,365				3,365			203	366	19	419			
Taylor	3,741	3,524	51		13	3,588				553	36	341		5	
Vilas	35										3			148	
<b>North Dist.</b>	<b>15,482</b>	<b>50,963</b>	<b>785</b>	<b>491</b>		<b>13</b>	<b>52,252</b>		<b>44,536</b>	<b>2,473</b>	<b>55,918</b>	<b>429</b>	<b>4,343</b>	<b>21</b>	<b>4,127</b>
Florence	87	103				103									
Forest	161	338				338						9		136	
Langlade	1,602	1,369			15	1,546		267	4,690	5,249	36	129		1,296	
Marinette	878	3,837				4,535					41	8		36	
Oconto	1,923	11,004				11,915			1,470	1,470	5	78		20	
Shawano	2,128	16,315	136			16,451		10,794	3,780	21,460	134	65		3,506	
<b>Northeast Dist.</b>	<b>6,779</b>	<b>33,666</b>	<b>136</b>		<b>15</b>	<b>1,071</b>	<b>34,888</b>		<b>11,061</b>	<b>9,940</b>	<b>28,179</b>	<b>216</b>	<b>289</b>	<b>4,994</b>	
Buffalo	4,341	251				251				567	1,134	8			
Dunn	7,291	1,306	214	202		1,722		7,696	5,670	15,264	18	571		719	
Eau Claire	2,353	180				180			403	436	142	331		134	
Jackson	2,360	1,975				1,975				85	15	271		34	
La Crosse	4,379	287	29			316			109	402	316	13			
Monroe	8,793	653				653		7,922	3,351	11,957	53				
Pepin	4,889								295	1,078	5				
Pierce	6,293	429				429			4,357	5,393	7			50	
St. Croix	5,630	1,341	334	409	54	2,138			1,027	1,434	21	221	357	33	
Trempealeau	6,568	67				67		12,245	394	13,382	15	176	978	11	
<b>West Dist.</b>	<b>52,897</b>	<b>6,489</b>	<b>577</b>	<b>611</b>		<b>54</b>	<b>7,731</b>		<b>27,863</b>	<b>16,173</b>	<b>50,565</b>	<b>600</b>	<b>1,583</b>	<b>1,335</b>	<b>981</b>
Adams	442	62	271			333					2				
Green Lake	1,742	450	397			847		15,869		15,869	3				
Juneau	4,100	97				97			22	352	34	1,165			
Marquette	1,500	83	66		19	168				96	10				
Portage	2,693	1,441				1,441		8,251	1,002	11,200	55	143		2	
Waupaca	2,133	8,748				8,748		33,956	3,157	37,187	19	139	59	2,030	
Waushara	1,843	2,814				2,814						111			
Wood	2,907	8,496				8,496			1,225	1,254	101	736			
<b>Central Dist.</b>	<b>17,360</b>	<b>22,191</b>	<b>734</b>			<b>19</b>	<b>22,944</b>		<b>58,076</b>	<b>5,406</b>	<b>65,958</b>	<b>224</b>	<b>2,294</b>	<b>59</b>	<b>2,032</b>
Brown	2,158	14,314				14,314		7,219		7,592	478	102		1,257	
Calumet	86	8,029				8,029		24,098		24,098	5	348		479	
Door	165	4,635				4,635		28,732		28,732	88				
Fond du Lac	3,839	6,849	219	246	2,716	10,030	1,374	4,179	2,393	15,885	318	806	61	3,012	
Kewaunee	190	11,587				11,587				54	2	16			
Manitowoc	1,205	15,486				15,505		160,677		160,677	105	11		2	
Outagamie	949	14,078	12			14,122			3,273	3,625	169	222	1,157	3,601	
Sheboygan	2,008	16,775	53			17,146		5,538	1,645	7,183	324	156	16	144	
Winnebago	4,049	7,881	91	9	12	7,993	4,624		735	7,656	259	215			
<b>East Dist.</b>	<b>14,649</b>	<b>99,634</b>	<b>375</b>		<b>255</b>	<b>3,097</b>	<b>103,361</b>	<b>5,998</b>	<b>230,443</b>	<b>8,046</b>	<b>255,502</b>	<b>1,748</b>	<b>1,876</b>	<b>1,234</b>	<b>8,495</b>
Crawford	1,927	5,845				5,845					105	181		27	
Grant	7,402	9,179		579		9,758			2,125	2,125	46	1,131		370	
Iowa	1,836	9,830	474	1,824		12,128					1	141		476	
Lafayette	1,873	2,134	173	7,196	36	9,539					8	199	7,984	433	
Riechland	3,966	8,309				8,309		4,432	1,779	6,578	51	688		21	
Sauk	6,019	2,612				2,612		10,693	2,016	13,007	74	221			
Vernon	6,155	3,514				3,514		9,008	1,322	10,876	13	185			
<b>Southwest Dist.</b>	<b>29,178</b>	<b>41,423</b>	<b>647</b>	<b>9,599</b>	<b>36</b>	<b>51,705</b>		<b>24,133</b>	<b>7,242</b>	<b>32,586</b>	<b>298</b>	<b>2,746</b>	<b>7,984</b>	<b>1,327</b>	
Columbia	4,010	1,256	3,905		21	5,215		7,057	2,535	9,650	74			1,041	
Dane	5,273	1,913	4,863	3,620	771	11,169		35,635	8,712	44,523	251	1	12,474	5,108	
Dodge	2,010	6,759	15,445		618	33,367		17,757	4,141	22,252	14	76		696	
Green	2,270	553	549	10,714	4,354	16,179		28,739	4,721	33,468	12	1	3,581	1,073	
Jefferson	3,266	1,815	1,554			3,369		19,932	5,105	32,724	179	90	21,046	3,099	
Rock	1,008			18		18		11,171	3,484	17,069	303		24,373	6,147	
<b>South Dist.</b>	<b>17,837</b>	<b>12,296</b>	<b>26,316</b>	<b>14,352</b>	<b>5,764</b>	<b>10,589</b>	<b>69,317</b>	<b>120,291</b>	<b>28,698</b>	<b>159,686</b>	<b>833</b>	<b>168</b>	<b>61,474</b>	<b>17,164</b>	
Kenosha	298										102		16	25,628	90
Milwaukee	2,506							402	998	342	8,011	3,336			
Ozaukee	316	3,081				3,081				940	8				
Racine	585					8	1,668	12,797		15,952	167		37,210	1,850	
Walworth	257	58				58		34,885	3,175	43,699	73		65,633	4,125	
Washington	1,374	1,690	812		218	2,720		68,314	6,044	78,444	16	204	4,374	3,540	
Waukesha	1,306		453			453		14,470	2,270	25,895	148		30,255	2,023	
<b>Southeast Dist.</b>	<b>6,702</b>	<b>4,829</b>	<b>1,255</b>		<b>218</b>	<b>8</b>	<b>6,320</b>	<b>2,837</b>	<b>131,464</b>	<b>12,771</b>	<b>172,941</b>	<b>3,850</b>	<b>220</b>	<b>163,100</b>	<b>11,623</b>
<b>State</b>	<b>188,933</b>	<b>231,977</b>	<b>31,430</b>	<b>29,377</b>	<b>6,288</b>	<b>16,143</b>	<b>365,215</b>	<b>9,785</b>	<b>690,235</b>	<b>122,406</b>	<b>903,165</b>	<b>8,646</b>	<b>16,926</b>	<b>235,207</b>	<b>65,279</b>
<b>Change from 1937</b>	<b>+ 7.6</b>	<b>+ 16.0</b>	<b>- 3.2</b>	<b>+ 6.1</b>	<b>+ 17.5</b>	<b>+ 1.8</b>	<b>+ 12.1</b>	<b>- 18.6</b>	<b>+ 4.0</b>	<b>+ 29.5</b>	<b>+ 4.4</b>	<b>- 5.4</b>	<b>- 32.1</b>	<b>- 3.9</b>	<b>- 7.0</b>

<sup>1</sup> The total of "All other cheese" includes 8,308,000 pounds of cream cheese, 7,238,000 pounds of Italian cheese, and 597,000 pounds of miscellaneous varieties.

<sup>2</sup> Includes 1,458,000 pounds of case and 8,327,000 pounds of bulk product.

<sup>3</sup> Includes 15,113,000 pounds of unsweetened condensed whole milk in bulk and 675,122,000 pounds of unsweetened evaporated whole milk in case.

<sup>4</sup> Includes 113,466,000 pounds of dried or powdered skim milk and 8,940,000 pounds of dried or powdered whole milk.

<sup>5</sup> Includes condensery products shown here as well as minor products not listed separately. While dried or powdered whey is not included in the United States table under total condensery products, 8,113,000 pounds are included here.

<sup>6</sup> Data not comparable with years previous to 1935 since not all plants were required to report until 1935.

<sup>7</sup> Includes the reported dry and wet quantities reported separately, combined in terms of dried casein.

<sup>8</sup> Includes whey cream shipped out of the state.

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN										UNITED STATES		WHOLESALE PRICES OF DAIRY PRODUCTS <sup>2</sup>									
	Milk av. all uses cwt.	Milk prices by uses <sup>3</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>4</sup> (lb.)	Farm butter <sup>5</sup> (lb.)	Butter-fat <sup>6</sup> (lb.)	Milk <sup>7</sup> (cwt.)	Butter <sup>8</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>9</sup> (case)	Cheese and butter prices compared <sup>10</sup>		
		For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>11</sup>	Swiss <sup>12</sup>	Brick <sup>13</sup>	Limburger <sup>14</sup>		Cheese div. by butter	Butter div. by cheese	
		\$	\$	\$	\$	%	%	%	%						cts.	cts.	cts.	cts.				cts.
1910	1.24	1.28	1.30	1.39	1.41	103	97	112	114	30.5	28.9	26.4	1.58	-----	15.5	17.1	14.1	13.3	3.60	-----	-----	
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	-----	195	
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	-----	186	
1913	1.33	1.29	1.29	1.62	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.40	-----	208	
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	-----	187	
1915	1.23	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	-----	197	
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	-----	176	
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	-----	174	
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	5.70	-----	183	
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	57.7	53.3	3.30	57.6	29.9	43.5	28.2	28.3	6.50	-----	193	
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	6.15	-----	224	
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	5.45	-----	226	
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.35	-----	203	
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.0	23.0	4.85	-----	207	
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	-----	226	
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	-----	205	
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.60	-----	212	
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	-----	201	
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	-----	208	
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	19.5	4.30	-----	217	
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	-----	215	
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.89	27.0	12.5	21.2	12.1	13.5	3.30	-----	216	
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	-----	202	
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	-----	204	
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	-----	211	
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	-----	200	
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	-----	209	
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	-----	209	
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	-----	216	
January	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39	34	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	-----	212	
February	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36	31	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	-----	206	
March	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35	31	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	-----	213	
April	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33	29	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	-----	213	
May	1.23	1.11	1.15	1.23	1.70	90	93	100	138	30	27	25.1	1.57	25.6	12.3	19.8	12.0	13.0	3.00	-----	213	
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28	26	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	-----	213	
July	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28	26	24.2	1.56	25.4	12.0	17.5	11.8	11.5	3.00	-----	212	
August	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28	27	24.1	1.59	25.5	10.8	16.8	10.4	12.0	2.90	-----	237	
September	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28	27	24.1	1.70	25.5	11.0	14.0	10.4	10.8	2.90	-----	232	
October	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28	27	24.4	1.76	25.5	12.0	14.6	12.8	11.8	2.90	-----	213	
November	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28	27	25.0	1.81	26.5	11.5	16.6	11.4	12.5	2.90	-----	231	
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30	29	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	-----	215	
1939																						
January	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29	26	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	-----	220	
February	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29	26	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	-----	217	
March	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27	25	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	-----	208	
April	1.06	.96	.96	1.08	1.45	91	91	102	137	25	23	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	-----	197	
May	1.08	1.00	.98	1.11	1.41	93	91	103	131	25	23	21.5	1.41	22.8	11.9	17.0	10.8	11.1	2.90	-----	192	
June	1.11	1.05	1.02	1.14	1.39	95	92	103	125	26	24	22.2	1.43	23.7	12.5	17.0	11.5	11.2	2.90	-----	189	
July	1.12	1.05	1.04	1.15	1.42	94	93	103	127	26	24	22.0	1.52	23.2	12.0	17.0	11.1	11.5	2.90	-----	194	
August	1.18	1.09	1.09	1.20	1.54	92	92	102	131	27	25	22.4	1.64	23.5	12.4	16.4	11.5	11.5	2.90	-----	189	
September	1.32	1.24	1.21	1.34	1.67	94	92	102	127	29	28	24.7	1.78	27.4	14.2	17.2	12.5	12.5	2.95	-----	193	
October	1.41*	1.34*	1.30*	1.44*	1.74*	95*	92*	102*	123*	32	30	26.9	1.86*	28.4	15.0	18.5	14.2	13.5	3.10	-----	189	

<sup>1</sup>For monthly quotations prior to 1938 and detailed information regarding sources, see Bulletins 90, 120, 150, and 188, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents.

<sup>2</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk, 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>3</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

farm prices of both eggs and chickens are below those of October in recent years.

Crop correspondents' flocks averaged 95.5 layers on November 1, or 2 percent more than a year ago and nearly 10 percent above the 10-year average. Laying flocks averaged 22.1 eggs for each 100 layers on November 1 compared with the record of 24 eggs reported for that date a year ago. Thus the present rate of laying is at 8 percent lower than last year but 28 percent higher than the 10-year average. A 6 percent decline in egg production per farm from last year has resulted from the lower rate of laying.

Farm egg prices in Wisconsin averaged 23 cents per dozen in mid-October, which is 4½ cents above September and the highest price for 1939. October egg prices are still the lowest for the month since 1934. Chicken prices received by farmers in the state in October averaged 11.5 cents per pound compared with 13 cents a year ago and the 5-year average of 13.6 cents.

**United States Egg Production**

More layers were in farm flocks on November 1 than a year ago and more pullets not yet of laying age were on hand, though the rate of laying was slightly below the record of a year ago, according to the nation's crop cor-

<sup>5</sup>Wholesale price of 92-score butter at Chicago.

<sup>6</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins. Where prices of twins were not quoted, Cheddar prices were used as a basis for prices of twins.

<sup>7</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>8</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.

<sup>9</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920 incl. are manufacturers' prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed from 16 oz. to 14½ oz. in January, 1931.

<sup>10</sup>Cheese prices used are averages for American (twins) at Wisconsin Cheese Exchange. The butter price is 92-score at Chicago.

<sup>11</sup>Preliminary.

respondents. Total egg production was about 3 percent higher on November 1 than a year earlier and much above the 10-year average for the date. Farm prices of chickens and eggs averaged lower in October than last year. Some recent increase in egg prices and some decline in feed prices has made the egg-feed relationship somewhat more favorable than a month or two ago.

October farm egg prices averaged 22.9 cents a dozen and show about the same seasonal increase from the month before as a year ago, but prices are still much below 27.1 cents received by farmers in the nation a year ago. Chicken prices declined slightly and

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	Oct.	106*	104	99	110	Index of farm prices <sup>1</sup> , 1910-14=100	Oct.	97	98	95	108
Prices farmers pay <sup>2</sup> , 1910-14=100	Oct.	125*	125*	123	126	Prices farmers pay <sup>2</sup> , 1910-14=100	Oct.	122	122	121	125
Purchasing power, farm products <sup>3</sup> , 1910-14=100	Oct.	85*	83*	80	87	Purchasing power, farm products <sup>3</sup> , 1910-14=100	Oct.	80	80	79	86
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>4</sup></b>					
Farm price of milk <sup>5</sup> , cwt.	Oct.	1.41*	1.32	1.20	1.42	Farm price of butterfat, per lb.	Oct. 15	26.9	24.7	24.4	28.6
Farm price of butterfat <sup>5</sup> , cts.	Oct. 15	32	29	28	32.2	Price (wholesale), 92-score butter, Chicago, per lb.	Oct.	28.38	27.44	25.54	28.98
Price, American cheese, Wis. Cheese Exchange (twins) per lb.	Oct.	15.00	14.25	12.00	14.28	Butter receipts at 4 markets, (000 omitted)	Oct.	46469*	52030	62022	51689
Daily milk production <sup>6</sup>						Cheese receipts at 4 markets, (000 omitted)	Oct.	13265*	15159	14037	13769
per cow in herd <sup>7</sup>	Nov. 1	13.49	14.76	13.64	13.48	Daily milk prod. per cow in herd	Nov. 1	12.30	12.82	12.42	11.80
production per farm <sup>8</sup>	Nov. 1	197.5	217.5	195.9	191.9	<b>Cold-Storage Holdings<sup>9</sup>, (000 omitted)</b>					
production per cow milked <sup>8</sup>	Nov. 1	17.86	18.90	17.80	17.64	Creamery butter	Nov. 1	128147*	154594	195263	126108
Cows in herd freshening <sup>8</sup>	Oct.	8.70	6.84	7.80	7.75	American cheese	Nov. 1	94007*	97530	115351	103772
Calves born during month being raised <sup>8</sup>	Oct.	40.68	39.51	35.42	33.96	Swiss cheese	Nov. 1	5917*	5364	5522	5501
Grains and concentrates fed daily <sup>8</sup>						All other cheese	Nov. 1	14822*	13667	11353	9459
per cow in herd	Oct. 1	3.29	2.07	2.14	2.09	All varieties of cheese	Nov. 1	114746*	116561	132326	118732
per farm	Oct. 1	47.6	29.9	30.4	27.9	Total frozen poultry	Nov. 1	79252*	63164	77692	77088
per 100 lbs. of milk produced	Oct. 1	23.43	13.30	14.86	14.98	Eggs, shell	Nov. 1	3528*	5430	3244	4293
Farm price of milk cows <sup>8</sup>	Sept. 15	72	71	70	62.66	Eggs, shell and frozen, (case equivalent)	Nov. 1	6508*	8901	5938	7075
Wisconsin butter receipts at 4 markets <sup>8</sup> , (000 omitted)	Sept.	5473*	5398	7787	7189	<b>Poultry Production<sup>8</sup></b>					
Wisconsin cheese receipts at 4 markets <sup>8</sup> , (000 omitted)	Sept.	9771*	10972	9567	10100	Hens and pullets per farm flock	Nov. 1	75.6	68.0	72.5	70.8
<b>Poultry Production and Markets</b>						<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>8</sup>, (000 omitted)</b>					
Hens and pullets per farm flock <sup>2</sup>	Nov. 1	95.5	81.9	93.3	90.2	Dry whole milk	Oct. 1	4274*	4374	5578	4352
Eggs per 100 hens and pullets <sup>2</sup>	Nov. 1	22.1	29.6	24.0	20.3	Dry skim milk	Oct. 1	11951*	18298	52702	35109
Eggs per farm flock <sup>2</sup>	Nov. 1	21.1	24.3	22.4	18.4	Dry buttermilk	Oct. 1	1236*	2274	6759	5828
Farm price of chickens <sup>8</sup> , per lb.	Oct. 15	11.5	13.2	13.0	13.6	Condensed milk (case goods plus bulk goods)	Oct. 1	13780*	18987	27055	24462
Farm price of eggs <sup>8</sup> , per doz.	Oct. 15	23.0	18.6	27.5	26.1	Evaporated milk (case goods)	Oct. 1	135135*	355071	398287	250993
<b>Feed Price Changes</b>						<b>Slaughtering under Federal Meat Inspection<sup>8</sup>, (000 omitted)</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	Oct.	93.1	101.1	80.2	104.3	Cattle	Oct.	893	880	884	1006
Cost, 1000 lbs. dairy ration <sup>1</sup>	Oct.	11.22	11.87	10.14	13.30	Calves	Oct.	482	427	470	530
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Oct.	125.7*	111.2	118.3	110.3	Sheep and lambs	Oct.	1585	1635	1638	1666
Wisconsin by-product feed costs per ton <sup>1</sup> f. o. b. Madison	Oct.	21.40	23.50	15.80	21.66	Hogs	Oct.	3545	2885	3311	3039
Standard bran	Oct.	35.70	37.10	40.40	39.66	<b>BUSINESS AND INDUSTRY</b>					
Linseed oil meal	Oct.	25.15	26.80	21.30	27.3	<b>Prices</b>					
Corn gluten feed	Oct.	61.80	65.90	50.90	52.11	Wholesale prices <sup>8</sup> , 1910-14=100	Oct. 15	115	115	113	117.4
Tankage	Oct.	21.35	24.50	17.20	22.92	All commodities	Oct. 15	113	116	114	124.6
Standard middlings	Oct.	34.40	35.85	29.60	34.82	Foods	Oct. 15	129.1*	127.6	131.3	131.3
Cottonseed meal	Oct.	11.69	12.69	10.35	14.3	Retail food prices <sup>8</sup> , 1910-14=100	Sept.	85.9	84.5	85.9	84.8
Cost, 1000 lbs. poultry ration <sup>1</sup>	Oct.	196.7	146.6	265.7	189.8	Cost of living <sup>7</sup> , 1923=100	Sept.				
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	Oct.	6.30	7.00	6.90	8.06	<b>Factory employment (adjusted)<sup>8</sup></b>					
Farm price of hogs <sup>8</sup> , per cwt.	Oct. 15	6.00	6.20	5.70	5.16	No. of employees, 1923-25=100	Sept.	97*	96	90	95.0
Farm price of beef cattle <sup>8</sup> , per cwt.	Oct. 15	9.10	9.00	8.70	7.86	Business activity <sup>8</sup> , normal=100	Sept.	100.0*	94.4	85.2	90.4
Farm price of veal calves <sup>8</sup> , per cwt.	Oct. 15					Industrial production (adjusted) <sup>8</sup>	Sept.	111*	103	90	94.6
<b>BUSINESS AND INDUSTRY</b>						<b>1923-25=100</b>					
Index of employment <sup>8</sup> , 1925-27=100	Oct.	89.4 <sup>11</sup>	90.9*	81.4	86.2	1923-25=100	Sept.	77	70	64	68.2
Index of pay rolls <sup>8</sup> , 1925-27=100	Oct.	96.2*	90.1*	80.9	80.2	<b>1923-25=100</b>					

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Agricultural Marketing Service, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission, Canning factory data included. <sup>6</sup> Bureau of Labor Statistics Index No. converted to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-1938. <sup>11</sup> Decline due to seasonal activities of canning industries. Other industries increased slightly.

the October prices averaged a cent a pound below last year. Feed costs in October were reported at slightly lower levels than those reported immediately following the outbreak of the war.

**Current Changes**

Business activity has been expanding, industrial production has been increasing, wholesale prices have recently been at the level of last year, farm prices show some increases, stocks of dairy products have generally been reduced, and livestock slaughter except for sheep and lambs is larger than last year.

**Cold-Storage Holdings:** Butter and American cheese stocks on November 1 were smaller than a year ago but near average. Swiss and the miscellaneous varieties of cheese were slightly larger in amount than last year although total cheese stocks were much smaller. Slightly larger holdings of poultry and eggs are reported as compared with a year ago.

**Butter:** Creamery butter in cold storage on November 1 totaled over 128 million compared with almost 155

million a month ago and 195 million a year ago. Holdings this month include 15,679,000 pounds held by the Dairy Products Marketing Association for resale or relief purposes and 5,549,000 pounds held by the Federal Surplus Commodities Corporation and various states for relief purposes. Holdings of both of these organizations as well as commercial stocks were reduced during October.

**Cheese:** Holdings of American cheese on November 1 totaled 94 million pounds compared with over 115 million a year earlier. Total stocks of all types of cheese this month were nearly 115 million compared with 132 million last year, even though holdings of Swiss and the miscellaneous varieties are reported to be larger than a year ago. Swiss cheese stocks are 300,000 pounds larger than last year and the miscellaneous varieties are about 3½ million pounds larger in amount.

**Dry, Condensed, and Evaporated Milk:** Stocks of all of these products on October 1 were below a year earlier and the 5-year average. Of outstanding importance is the sharp decline in

evaporated milk stocks during September and that except for dry whole milk the stocks a year ago were several times larger than this year. Only 135 million pounds of evaporated milk (case goods) were in the hands of manufacturers on October 1 compared with 355 million pounds a month earlier and 398 million the year before.

**Livestock Slaughter:** More cattle, calves, and hogs but fewer sheep and lambs were slaughtered under federal meat inspection in October than a year ago. Compared with the 5-year average for October, hog slaughtering is larger and other slaughtering is smaller. The total slaughter of cattle and of calves during the first 10 months of 1939 was 4 percent and sheep 6 percent below last year while hog slaughter was 13 percent above last year.

**Wisconsin Farm Prices**

Despite the decreases in prices of grain, livestock, and cash crops during the month ending October 15 the index of prices received by Wisconsin farmers rose to 106 percent of the level of farm prices during the period

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)									Purchasing Power				Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops	Fruits and vegetables	Unclassified <sup>b</sup>	Prices paid by Wisconsin farmers for commodities bought <sup>c</sup> (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>d</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>e</sup>	Index numbers of Wisconsin farm real estate values <sup>f</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>g</sup>	Purchasing power (Column 14 divided by column 22) <sup>h</sup>	Index number of U. S. farm real estate value <sup>i</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	101	113	98	104	---			
1911	91	92	111	85	90	91	99	100	118	98	93	92	95	96	87	95	91	102	---	101	101	94	---			
1912	102	101	111	95	103	101	117	90	111	101	101	102	100	106	95	102	100	94	---	87	100	100	97			
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	---	97	101	100	100			
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	102	106	91	---	85	100	101	103			
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	---	77	105	93	103			
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	---	119	124	95	108			
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	---	187	149	117	117			
1918	196	192	216	200	184	157	216	173	177	111	113	133	202	227	203	163	186	172	---	245	176	111	129			
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	233	207	186	209	---	347	202	105	140			
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	---	248	201	105	170			
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	---	101	152	82	167			
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	---	156	149	89	139			
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	---	216	152	93	135			
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	---	150	122	152	94			
1925	144	138	133	133	150	160	154	129	115	158	98	97	125	156	157	140	153	163	---	172	157	99	127			
1926	151	152	114	145	150	158	216	126	119	154	101	109	122	145	131	147	152	159	---	138	143	122	155			
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	---	121	128	153	91			
1928	156	143	130	145	170	183	140	169	115	153	102	111	120	149	130	151	158	153	---	159	152	155	96			
1929	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	---	141	149	144	153			
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	---	102	145	87	115			
1931	90	89	67	85	91	95	107	97	90	121	74	75	104	87	63	82	108	100	---	68	117	63	106			
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	---	102	47	107	61			
1933	70	64	68	63	78	70	85	90	80	105	67	74	80	70	62	60	82	75	---	64	109	64	79			
1934	81	76	101	69	86	85	100	114	106	121	67	71	80	90	93	68	96	89	---	100	102	99	123			
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	---	91	127	101	125			
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	---	100	124	92	82			
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	106	126	132	124	111	---	122	95	130	93			
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	---	73	105	70	123			
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	102	91	110	128	113	70	---	105	66	126	81			
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	---	97	89	110	121	94	---	68	111	68	126			
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	---	96	85	117	117	93	---	69	101	70	125			
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	---	94	82	114	110	93	---	68	98	71	125			
May	100	103	85	107	97	99	113	115	77	129	78	75	---	92	79	111	103	98	---	77	88	71	125			
June	100	106	79	111	95	96	118	115	77	129	78	74	---	92	77	116	98	99	---	68	124	74	---			
July	102	108	77	116	95	97	123	85	74	127	80	75	---	95	72	123	101	103	---	79	99	71	123			
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	---	92	62	115	102	105	---	78	92	69	122			
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	---	95	63	117	104	118	---	75	107	69	121			
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	---	95	60	111	107	124	---	70	107	72	121			
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	---	94	60	111	109	131	---	71	102	73	121			
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	---	96	63	109	112	127	---	70	108	70	120			
1939	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---	---	---	---	---	---	---	---	84		
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	---	94	66	112	109	97	---	76	96	71	120			
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	---	92	66	116	107	91	---	78	108	70	120			
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	---	91	66	116	100	88	---	81	114	71	120			
Apr.	91	97	70	106	84	86	105	85	67	122	75	69	---	89	67	114	95	87	---	82	102	70	120			
May	91	96	74	104	85	82	106	85	69	122	75	70	---	90	72	112	92	85	---	85	110	72	120			
June	90	92	75	97	88	78	106	85	71	122	74	72	---	89	73	107	94	83	---	93	105	73	120			
July	92	95	69	100	89	81	116	85	71	123 <sup>10</sup>	75 <sup>10</sup>	72 <sup>10</sup>	---	89	66	107	96	89	---	80	101	73	120			
Aug.	92	92	66	94	93	83	114	85	71	124 <sup>10</sup>	74 <sup>10</sup>	75 <sup>10</sup>	---	88	64	101	100	90	---	70	101	71	119			
Sept.	104	104	79	111	104	95	114	85	74	125 <sup>10</sup>	83 <sup>10</sup>	73 <sup>10</sup>	---	98	83	117	107	102	---	73	114	76	122			
Oct.	105 <sup>10</sup>	101	77	105	111 <sup>10</sup>	107	106	85	74	125 <sup>10</sup>	85 <sup>10</sup>	89 <sup>10</sup>	---	97	77	112	112	108	---	73	128	74	122			

<sup>1</sup>Prepared by the Agricultural Marketing Service, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flaxseed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>Average of estimated values, 1912-14 = 100. <sup>8</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup>Preliminary.

1910-14. The October index was 2 points above the September index and 8 points up from October last year. The October index was at the highest level since March 1938. Sharp advances in milk and poultry product prices, which play such an important part in Wisconsin farm income, more than offset the drop in other prices.

The sharpest advance in farm product prices occurred in the poultry product group, whose index rose 12 points during the month ending October 15, but was still 19 points below the same index reported a year earlier. The milk price index also showed a substantial increase of 7 points from September and 16 points from October a year ago. The grain price index was down 2 points, livestock prices averaged 6 points lower, and cash crop prices were 8 points lower than in mid-September. However, cash crop prices were 12 points above October last year, grain

prices were 8 points higher, and livestock prices were down but 1 point.

Reports from Wisconsin crop reporters indicate a continued advance in prices received for milk. The average price of milk for all utilizations was reported at \$1.41 per hundredweight during October compared with \$1.32 in September and \$1.20 in October 1938. The price of milk used for cheese in October brought farmers \$1.34 per hundredweight, which was 10 cents higher than in September and 24 cents above the October 1938 average price. The price received for milk used by condenseries was reported at \$1.44 compared with \$1.34 in September and \$1.23 a year ago. Milk used for butter brought \$1.30, or 9 cents above the price in September and 18 cents above the price reported in October last year. For the past 2 months milk used for butter has brought less than milk used for cheese. The price received for milk de-

livered to market milk establishments rose 7 cents from \$1.67 in September to \$1.74 in October, while the price reported a year ago was \$1.60 per hundredweight.

United States Farm Prices

In contrast to the 2-point rise in the Wisconsin farm price index, the United States farm price index dropped 1 point from mid-September to mid-October. Although dairy and poultry product prices rose both in the nation as a whole and in Wisconsin, they advanced more sharply in Wisconsin. Due to the relatively greater importance of dairy product prices in the Wisconsin index, the price rise in this group more than offset price decreases in the grain and livestock groups. In the United States index, however, the decline in prices of the important grain and meat animal groups more than offset the advances in the dairy and poultry product groups.

# WISCONSIN CROP AND LIVESTOCK REPORTER

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service

WISCONSIN DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

Federal-State Crop Reporting Service  
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## IN THIS ISSUE

### 1939 Fall Pig Crop

A large increase is recorded in the Wisconsin fall pig crop this year. The total number of pigs saved is estimated to be 1,163,000 head which is estimated to be 22 percent more than the crop a year ago and it is the largest crop in recent years. The number of sows expected to farrow next spring shows only a 4 percent increase for Wisconsin, but no increase is shown for the United States compared with the spring of 1939.

### Winter Wheat and Rye Plantings

A 5 percent increase in the plantings of both wheat and rye is noted in Wisconsin this fall. For the United States, both winter wheat and rye plantings are smaller than a year ago.

### Milk Cow Prices

Average prices of milk cows in Wisconsin are reported at \$71 last month which is a decline of \$1 from the previous report.

### Milk Production

With the mild fall weather, milk production at the beginning of the present month was well above a year ago in Wisconsin. The number of cows milked was slightly larger than last year and the production per cow was also higher.

### Egg Production

Laying flocks on Wisconsin farms at the beginning of this month were the largest on record, and egg production was at unusually high levels. Prices of eggs have declined sharply. For the country as a whole, the flocks are also larger but the increase is not as great as in Wisconsin.

### Current Changes

Business activity is considerably above a year ago. Stocks of dairy products are smaller than last year. Poultry and egg stocks are higher than a year ago.

### Prices Farmers Receive and Pay

The Wisconsin farm price index last month was at 109 percent of pre-war. This is 12 points above the United States index.

### Farm Employment

More persons are employed on Wisconsin farms than in December of recent years. Farm employment for the nation is the smallest for any December since records have been kept.

### Cattle and Sheep on Feed

Reports from the Corn Belt indicate more cattle and sheep on feed than a year ago. In the Western States there are more cattle but fewer sheep on feed than estimated for December of last year.

FARMERS report a sharp increase in the fall pig crop in Wisconsin as well as for the country as a whole. In this state the fall pig crop is 22 percent larger than the one a year ago and the increase of the nation is estimated at 16 percent. Breeding intentions for spring farrowings in 1940 for the nation are about the same as this year but for Wisconsin the number of sows to farrow is expected to be 4 percent larger than the number which farrowed in the spring of 1939.

The estimates for the fall pig crop and the number of sows to farrow next spring are made from the livestock cards returned by thousands of farmers in Wisconsin and in the other states of the nation. The survey is made by the United States Department of Agriculture in cooperation with the Post Office Department through the rural mail carriers.

Estimates for Wisconsin show that about 1,163,000 fall pigs were saved this year compared with 953,000 head a year ago. The average of the fall pig crops for the 10 years, 1928-37, is 794,000 head. With 20 percent more sows farrowing this fall and more pigs saved per litter than a year ago, the state's fall pig crop is 22 percent larger than a year ago.

Wisconsin had an exceptionally large spring pig crop this year and combined with the fall crop, the total number of pigs saved on farms in the state is estimated at 3,230,000 head,

## Weather Summary, November 1939

Station	Temperature Degrees Fahrenheit				Precipitation Inches		
	Minimum	Maximum	Mean	Normal	November 1939	Normal	Accumulative excess or deficiency since January 1
Duluth.....	10	64	35.6	30.0	0.16	1.45	-2.21
Spooner.....	11	62	33.9	30.9	0.10	1.38	-2.53
Park Falls.....	10	62	32.8	28.9	0.23	1.86	+4.54
Rhineland.....	12	67	34.0	29.8	0.12	1.72	-0.52
Wausau.....	17	63	35.2	32.2	0.08	1.72	-1.37
Marinette.....	16	68	37.1	36.7	0.18	2.34	-2.97
Escanaba.....	22	63	35.2	33.1	0.81	2.13	-2.75
Minneapolis.....	18	64	37.6	32.4	0.02	2.27	-3.15
Eau Claire.....	18	64	35.0	33.1	0.52	1.82	-3.21
La Crosse.....	19	69	38.1	35.2	0.29	1.56	-8.38
Hancock.....	12	69	36.2	33.5	0.66	1.64	-5.04
Oshkosh.....	19	67	37.2	35.0	0.41	1.89	-3.31
Green Bay.....	20	64	37.6	34.0	0.45	2.16	-7.44
Manitowoc.....	21	64	38.4	36.3	0.38	2.17	-7.31
Dubuque.....	21	69	40.4	37.0	1.09	1.70	-1.81
Madison.....	23	68	39.2	35.2	0.29	1.78	-10.23
Beloit.....	19	66	40.1	37.3	0.48	1.99	-5.27
Milwaukee.....	21	68	41.2	37.3	0.33	1.77	-5.44

which is one of the largest pig crops in the history of the state. The total number of pigs saved in the state this year is 16 percent larger than a year ago and about 30 percent above the 10-year average.

### More Sows Bred for Next Spring

From breeding intentions reported by Wisconsin farmers, the number of sows to farrow this coming spring will be 4 percent larger than the number which farrowed in the spring of 1939. Estimates indicate that there will be 331,000 sows bred to farrow in the spring compared with 318,000 this year.

## Spring and Fall Pig Crops (000 omitted)

		Spring		Fall		Total No. Pigs Saved Spring and Fall
		Sows Farrowed	Pigs Saved	Sows Farrowed	Pigs Saved	
Wisconsin						
10-yr. average,-----	1928-37	263	1,687	122	794	2,481
	1938	267	1,829	141	953	2,782
	1939	318	2,067	169	1,163	3,230
	1940	331 <sup>1</sup>	-----	-----	-----	-----
Corn Belt <sup>2</sup>						
10-yr. average,-----	1928-37	6,088	36,052	2,768	16,924	52,975
	1938	4,802	31,450	2,540	16,522	47,972
	1939	6,130	38,095	3,055	19,695	57,790
	1940	6,244 <sup>1</sup>	-----	-----	-----	-----
United States						
10-yr. average,-----	1928-37	7,863	46,257	4,230	25,499	71,752
	1938	6,827	43,450	4,372	27,651	71,101
	1939	8,549	52,317	5,082	31,985	84,302
	1940	8,580 <sup>1</sup>	-----	-----	-----	-----

<sup>1</sup> Estimates based on intentions of farmers as reported in the December Pig Survey and subject to revision.

<sup>2</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas.

For the United States, breeding intentions are about the same as the number of sows which farrowed in the spring of this year. While there is considerable variation in the breeding intentions of farmers in the Corn Belt states, the intentions of farmers as a whole indicate an increase of about 2 percent in the number of sows to farrow next spring.

**Pig Crop Large in Corn Belt**

Estimates for the Corn Belt show that the number of fall pigs was 19 percent larger than a year ago and that the total number of pigs raised this year, spring and fall, was 20 percent greater than the number in 1938. As compared with a year ago, increases in the fall pig crops of the various Corn Belt States ranged from 12 to 33 percent this year. In general the number of pigs saved per litter in the Corn Belt averaged slightly smaller than a year ago.

The fall pig crop for the United States is estimated to be 16 percent larger than that of last year. With an increase of 20 percent in the number of spring pigs raised as compared with the number raised in 1938, the total pig crop for the nation is estimated at more than 84 million head this year. The total number of pigs saved this year is 19 percent larger than estimated for 1938 and is the largest total pig crop in the 17 years for which records have been kept.

A table giving more detailed data for the spring and fall pig crops will be found on the preceding page.

The drop in prices of hogs, which has been taking place from late October through early December, is chiefly the reflection of the increase in hog marketings. This seasonal increase in marketings is likely to continue into January. The inspected hog slaughter in November amounted to 4,437,000 head, an increase of about 25 percent from October and 13 percent above the slaughter in November a year ago. Weights of hogs at the leading markets during the past several months have averaged heavier than usual.

A sharp decline in retail and wholesale prices of hog products has occurred since early September. Most cuts of fresh and cured pork were lower in price during the early part of December than in mid-August, while lard prices were slightly higher. Prices of all hog products in recent weeks have been lower than a year ago. The increase in supplies of hog products has more than off-set the improvement in consumer demand for meats over last year.

The ratio of hog prices to corn prices is now less favorable than it has been in more than 2 years. This may have an appreciable effect on future production as well as the length of the feeding period before marketing.

The effect the European War will have on United States exports of hog products is still rather problematical. Although exports of both pork and lard in the last 3 months have been smaller than they were before the outbreak of the war, some increase in exports of these products is anticipated in 1940—particularly the exports to Great Britain.

**Winter Wheat and Rye Seedings**

Wisconsin has larger acreages of winter wheat and rye than were planted a year ago, but for the United States the acreages of both crops are smaller than shown in the estimates for 1938.

Early intentions of Wisconsin farmers indicated a much larger acreage of winter wheat and rye than is shown in the December estimates. The fall was dry and discouraged the seeding of winter grains. However, estimates for the state indicate that the acreage of winter wheat and rye is about 5 percent larger than a year ago. There are about 45,000 acres of winter wheat and 358,000 acres of rye on Wisconsin farms this year. A year ago, it was estimated that there were 43,000 acres of winter wheat and 341,000 acres of rye.

Estimates for the United States show that the acreage of winter wheat is nearly 3 percent below that of a year ago and that the rye acreage has decreased about 21 percent.

The major reason for the smaller acreage of winter wheat in the United States was because fall seedings were delayed, and to some extent suspended because of shortage of moisture which is acute beyond precedent. Moreover, a considerable portion of the acreage seeded in the Great Plains area and farther west was seeded in such dry soil that germination and rooting has been seriously impaired. Decreases in the important rye states of the Northern Great Plains were due mainly to lack of moisture at seeding time.

The accompanying table shows in more detail the acreages of winter wheat and rye as estimated for Wisconsin and the United States.

**Estimated Winter Wheat and Rye Plantings, 1939, 1938, and 10-year average**

(Thousand acres, i. e., 000 omitted)  
Wisconsin

	1939	1938	10-year average 1927-36
Winter Wheat.....	45	43	37
Rye, all purposes <sup>1</sup> .....	358	341	356

United States

Winter Wheat.....	45,014	46,364	46,996
Rye, all purposes <sup>1</sup> .....	5,640	7,187	5,937 <sup>2</sup>

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including an allowance for spring-sown rye.

<sup>2</sup> Short-time average.

**Wisconsin Milk Cow Prices, November 15, 1938 and 1939 and October 15, 1939 by Crop Reporting Districts**

(Dollars per head)

District	November 15 1939	October 15 1939	November 15 1938
1. Northwest ..	65	67	65
2. North .....	63	64	61
3. Northeast....	62	62	58
4. West .....	69	70	65
5. Central .....	70	71	70
6. East .....	79	79	74
7. Southwest....	66	68	64
8. South .....	81	82	79
9. Southeast....	77	77	75
State Average <sup>1</sup> ..	71	72	68

<sup>1</sup>State average price derived by weighting prices by milk cow numbers.

**Wisconsin Milk Cow Prices**

The average price received by Wisconsin farmers for milk cows declined from \$72 per head on October 15 to \$71 per head on November 15. Despite the decrease from the previous month, the price on November 15 was \$3 above the average reported by price correspondents in November last year. Milk cow prices in the Northwest and Southwest Districts dropped \$2 per head during the month ending November 15; prices decreased only \$1 in the North, West, Central, and South Districts; while average prices in the Northeast, East, and Southeast Districts remained unchanged.

Rather sharp changes in milk cow prices took place in several districts when the mid-November prices were compared with a year earlier. An increase of \$5 occurred in the East District, \$4 in the Northeast and West Districts, and \$2 in the North, Southwest, South, and Southeast Districts. Prices in the Northwest and Central Districts, however, were reported at the same level as on November 15 last year.

**Wisconsin December Milk Production**

According to Wisconsin crop reporters, the average milk production per farm on December 1 was nearly 202 pounds, an increase of 8 percent from the amount reported a year earlier as well as close to 8 percent above the average for December 1 during the 10-year period, 1928-37. Production per cow in herd was 13.61 pounds on December 1, compared with 12.68 pounds a year ago and 13.04 pounds for the December 1 average for the years 1928-37. Milk production per cow milked averaged 18.62 pounds or an increase of 5.6 percent from last year and 1.5 percent above the 10-year average for December 1, 1928-37. The number of milk cows and the percentage of cows actually milked were slightly higher than last year.

Wisconsin dairy correspondents reported having fed 4.25 pounds of grain and concentrates per milk cow

on December 1—the heaviest feeding ever recorded on that date. This was 14 percent greater than a year ago and 23 percent greater than the average amount fed on December 1, 1930-37. Although most cows were being turned out during the daytime, the amount of feed obtained outdoors was very small due to the dried-up condition of pastures and the fact that forage fields were rather cleanly used up for that time of year. Nearly 30 pounds of grain and concentrates were fed per 100 pounds of milk produced—6 percent more than last year and 12 percent more than the average on December 1, 1930-37.

Wisconsin dairy correspondents raised more than the usual percentage of calves born during the month of November. This November, 40 percent of all calves born were being raised while the percentage last year was about 38 percent and the average for November during the period 1930-37 was only 33 percent. Of the total calves born during November, slightly less than 53 percent were sold or to be sold for veal, a decrease of 1 percent from a year ago and nearly 3 percent below the average for November 1930-37.

**MILK PRODUCTION**

	Dec. 1, 1939		Dec. 1 as a percent of	
	1939	1938	1928-37 average	10-yr. average
	Lbs.	Lbs.	Lbs.	%
<b>WISCONSIN</b>				
Per farm.....	201.8	186.6	187.6	108.1
Per cow milked..	18.62	17.63	18.35	105.6
Per cow in herd .	13.61	12.68	13.04	107.3
<b>UNITED STATES</b>				
Per cow in herd .	12.09	11.83	11.48	102.2

**United States Milk Production**

As a result of the mild, open weather in the Northern and Western parts of the country and the relatively heavy feeding of supplementary grains and concentrates, milk production during November was better maintained than usual. Milk production per cow in herds kept by crop correspondents on December 1 averaged 12.09 pounds, which was the highest for that date in the 15 years of record and was 2 percent higher than on the same date a year ago. The number of milk cows about 1 percent greater than on December 1, 1938 and total milk production appears to have been about 3 percent greater.

Milk production per cow was reported at less than the usual November decline in practically all the states in the Great Lakes region, upper Mississippi Valley, and Central and Northern Great Plains. In the South Atlantic and South Central States, production per cow showed somewhat more than the usual seasonal decrease from November 1 to December 1, but in the Western States production showed only about the usual November decline.

**Wisconsin Egg Production**

Laying flocks on Wisconsin farms at the beginning of this month were

the largest on record. They averaged 112 layers per flock compared with 100 a year ago. The number of pullets not yet of laying age is also larger than last year.

Prices of chickens and eggs are lower than they were a year ago. From October to November egg prices advanced about 3 cents per dozen but chicken prices remained practically unchanged. Feed costs are higher than last year, and with the lower price of eggs the amount of feed that can be bought with a given quantity of eggs is sharply lower.

Egg production for December 1 was unusually high. Weather during the fall has been dry and unusually mild. Wisconsin crop reporters at the beginning of December were averaging 28.5 eggs per 100 hens compared with 25.7 eggs, the previous high point recorded a year ago. Production of eggs per farm as reported by crop correspondents was more than 23 percent above a year ago.

Farm chicken prices in November averaged 11.4 cents per pound or slightly below last month and lower than the price of 12.6 cents a year ago. This year as in many previous years the October and November prices were practically the same. Egg prices received by Wisconsin farmers averaged 25.9 cents a dozen in November compared with 28.9 cents last year and the 5-year average of 29.7 cents. As is usual, prices increased each month since June to the year's highest average price in November, and since November the price has fallen sharply.

In November 1,000 pounds of poultry ration cost \$11.66 compared with \$10.03 reported for November last year. Due both to lower egg prices and higher feed prices 10 dozen eggs would buy only 222 pounds of ration in November compared with 288 pounds a year earlier.

**EGG PRODUCTION**

	Dec. 1, 1939		Dec. 1 as a percent of	
	1939	1938	1928-37 average	10-yr. average
	No.	No.	No.	%
<b>WISCONSIN</b>				
Hens and pullets per farm.....	111.6	100.2	96.2	111.4
Eggs per farm....	31.9	25.8	17.8	123.6
Eggs per 100 hens and pullets.....	28.5	25.7	18.4	110.9
<b>UNITED STATES</b>				
Hens and pullets per farm.....	81.2	78.0	79.8	104.1
Eggs per farm....	17.5	15.9	12.3	110.1
Eggs per 100 hens and pullets.....	21.5	19.9	15.2	108.0

**United States Egg Production**

For the nation, the increases in the size of the laying flock, the rate of laying, and the egg production per flock are smaller than for Wisconsin. Laying flocks have increased in size about 32 percent since the smallest size on August 1, which is much greater than the 10-year average seasonal increase. For the country as a whole, the increase in size of the laying flock was 4 percent over a year ago, while in the two most intensive commercial areas of the country, the North Atlantic and the Far Western, flocks are smaller than last year.

The rate of laying reported for December 1 was highest on record for that date. As in Wisconsin, favorable weather in late November was one factor to aid in a high rate of laying.

**Farm Employment**

Employment on Wisconsin farms is somewhat larger than for December of recent years, but the number of workers on farms throughout the nation is the smallest for any December since records have been kept.

Reports from Wisconsin crop correspondents indicate that there are about 222 persons employed per 100 farms. Of this number 50 are hired laborers and 172 are family workers receiving no pay. As compared with a year ago, farm employment as reported by the state's crop correspondents is 5 persons per 100 farms more this year. The increase in employment for the most part is due to a larger number of hired laborers this year.

For the United States, employment on farms during November declined less than usual for the month. However, total employment of both family and hired workers on December 1 was estimated to be the smallest figure on record for that date. Estimates show that 9,320,000 persons were employed on farms throughout the nation on December 1. From November to December there was a decrease of 1,442,000 farm workers, and the December 1 estimates show that 162,000 less workers were employed than a year ago.

**Cattle and Sheep on Feed**

More cattle and sheep are on feed in the Corn Belt than a year ago. Reports for the Western states indicate that there is also an increase in the number of cattle on feed but the number of sheep on feed is smaller than in December of 1938.

The movement of stocker and feeder cattle into the Corn Belt during November continued in rather large volume and was of near-record proportions for the month. Cattle moved from stockyards was 17 percent larger this November than in November of last year and direct shipments appear to have been even greater. The total number of cattle shipped direct or from stockyards from July through November was the largest in 15 years.

Reports from the Western States indicate that the number of cattle on feed or to be fed this season will be considerably larger than a year ago and probably will equal or exceed the number on feed in any previous season.

Shipments of feeder lambs into the Corn Belt, after dropping off rather sharply in October, increased again in November. While the number inspected through stockyards was about the same as last year, the direct shipments were larger in November than reported for the same month last year. The number of lambs fed in the 11 Western States will be smaller this season than last but the reduction will be less than was earlier expected.

Dairy and Poultry Feed Costs, Milk Cow Prices, and Indexes of Prices of Things Farmers Buy

Year	Wisconsin													Milk Cow Prices				Index Numbers of Prices Paid by Wis. Farmers <sup>12</sup>								
	Dairy Ration Cost				Poultry Ration Cost				Index Numbers of Feed Prices 1910-14=100					Wisconsin		United States		Commodities bought for use in farm family maintenance (1910-14=100)				Commodities bought for use in farm production (1910-14=100)				
	Cost per 1000 lbs. <sup>1</sup>	Index (1910-14=100)	Pounds, 100 lbs. of milk would buy <sup>2</sup>	Lbs. of milk required to buy 100 lbs. of dairy ration <sup>3</sup>	Value—1000 lbs. <sup>4</sup>	Index (1910-14=100)	Pounds of feed 10 doz. eggs will buy <sup>4</sup>	Dozens of eggs required to buy 1000 lbs. of ration <sup>4</sup>	All feeds <sup>5</sup>	Mill feeds <sup>5</sup>	Protein feeds <sup>5</sup>	Feed grains, whole and ground <sup>5</sup>	Other feeds	Price index (1910-14=100) <sup>10</sup>	Milk required to buy a cow <sup>11</sup>	Butterfat required to buy a cow <sup>11</sup>	Price index (1910-14=100) <sup>10</sup>	Butterfat required to buy a cow <sup>11</sup>	All family maintenance <sup>13</sup>	Food	Clothing	Furniture and furnishings	All farm production <sup>14</sup>	Farm machinery	Fertilizer	Seed <sup>15</sup>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1910	12.59	98	98	102	12.40	98.8	179	56	97	94	102	100	81	35	142	86	161	98	96	97	101	99	103	100	-----	
1911	13.51	105	84	119	12.61	100.5	151	66	101	101	103	101	87	41	173	89	188	97	96	97	101	100	103	102	-----	
1912	14.27	111	91	110	13.31	106.1	164	61	107	106	104	101	92	38	161	93	171	99	98	98	99	104	97	100	108	
1913	11.36	88	117	85	11.58	92.3	182	55	92	94	92	90	94	116	47	190	111	200	102	102	102	99	97	98	99	94
1914	12.50	97	105	95	12.82	102.2	174	57	102	105	99	100	103	125	51	223	121	233	104	107	106	100	99	99	99	98
1915	13.55	105	96	104	14.17	112.9	154	65	107	103	107	113	107	116	49	206	118	225	111	108	117	106	106	101	100	122
1916	14.48	113	107	93	15.32	122.1	163	61	112	106	112	122	112	121	42	186	124	207	127	126	135	120	117	110	114	114
1917	21.87	170	98	102	25.75	205.2	132	76	173	161	162	196	176	145	36	171	146	189	151	160	158	142	151	126	120	157
1918	24.08	187	105	95	27.71	220.8	143	70	179	151	192	215	187	165	36	164	169	183	181	181	214	175	172	155	154	232
1919	24.32	189	116	86	27.20	216.7	161	62	204	195	261	194	201	194	37	161	187	173	215	216	271	208	194	161	173	314
1920	26.22	204	99	101	27.84	221.8	168	59	210	205	222	208	215	194	41	166	182	161	224	211	272	252	198	169	194	275
1921	13.08	102	129	77	13.14	104.7	250	40	104	96	128	98	115	108	34	140	120	160	166	146	199	198	132	150	144	132
1922	13.66	106	122	82	13.39	106.7	213	47	110	104	153	95	120	106	34	146	109	149	155	138	181	188	129	134	136	133
1923	15.37	120	136	74	15.42	122.9	189	52	126	122	155	114	135	116	30	133	113	131	160	147	185	194	135	143	143	145
1924	16.24	125	109	92	17.02	135.6	177	56	127	113	144	136	136	119	36	143	113	139	159	143	189	194	137	153	139	160
1925	16.30	127	117	86	18.73	149.2	177	56	128	124	142	139	141	123	35	143	118	138	166	156	190	187	144	154	148	192
1926	14.56	113	131	76	15.87	126.5	197	51	118	111	145	111	126	150	42	176	133	159	164	156	184	183	143	156	143	209
1927	16.13	126	131	76	17.52	139.6	163	61	134	131	149	128	138	167	43	179	151	170	160	154	178	184	145	156	157	228
1928	17.96	140	120	84	18.40	146.6	165	61	146	144	165	140	151	191	48	199	183	197	159	153	177	188	146	156	154	201
1929	16.41	128	125	80	17.16	136.7	184	54	134	126	168	126	140	200	53	220	191	208	156	146	175	186	144	156	149	208
1930	14.09	110	116	86	16.00	119.5	161	62	114	105	142	112	122	157	52	218	151	215	146	135	164	179	134	154	145	159
1931	9.93	77	116	86	10.44	83.2	170	59	78	68	95	82	89	106	49	198	104	207	125	106	141	153	116	151	138	156
1932	7.71	60	115	87	7.52	59.9	211	47	61	54	73	62	71	72	44	181	75	207	107	87	118	130	103	141	136	100
1933	9.06	70	108	92	8.64	68.8	167	60	72	67	88	68	80	66	36	155	68	177	105	89	115	120	101	139	124	104
1934	13.61	106	80	125	12.63	100.6	139	72	104	100	112	104	107	67	33	137	66	144	119	104	133	130	124	148	140	139
1935	13.36	104	99	101	14.13	112.6	169	59	106	102	107	111	111	109	44	185	95	167	124	118	133	132	124	152	115	162
1936	14.01	103	108	92	15.52	123.6	147	68	113	108	117	116	117	127	45	189	107	164	124	116	134	134	128	152	108	178
1937	15.94	124	100	100	18.08	144.1	117	85	130	126	125	138	131	135	46	194	115	171	130	120	142	140	140	158	109	258
1938	11.30	88	113	80	11.38	90.7	182	55	91	85	118	84	96	131	55	230	115	216	124	105	137	137	130	163	128	206
Jan.	12.85	100	126	79	12.75	101.6	164	61	104	104	126	92	106	132	44	182	115	170	128	118	140	140	134	160	115	247
Feb.	12.83	100	116	86	12.62	109.6	123	81	102	99	128	92	105	134	48	200	116	187	126	113	138	139	135	160	122	249
Mar.	12.53	98	111	90	12.32	98.2	132	76	100	98	122	91	102	136	53	209	116	191	125	110	137	138	136	161	128	250
Apr.	11.98	93	108	93	11.91	94.9	130	77	95	89	121	89	99	132	55	215	116	211	125	109	137	138	135	163	128	250
May	11.96	93	103	97	11.71	93.3	153	65	94	88	122	89	98	130	57	233	115	225	124	107	137	138	135	165	128	250
June	11.20	87	107	93	11.32	90.2	157	64	91	86	117	85	96	132	59	254	115	240	124	106	137	138	134	166	128	250
July	11.04	86	109	92	11.55	92.0	161	62	89	90	119	86	96	130	58	250	115	234	124	105	137	138	131	165	128	221
Aug.	10.07	78	115	87	10.66	84.9	183	55	81	71	113	78	90	130	60	250	114	232	123	104	137	138	127	164	127	191
Sept.	10.22	80	114	87	10.68	85.1	225	44	82	72	108	80	90	130	60	250	113	232	123	103	137	138	124	163	127	162
Oct.	10.14	79	118	84	10.35	82.5	266	38	80	71	111	76	89	130	53	250	114	231	123	103	137	137	124	163	127	162
Nov.	10.19	79	124	81	10.03	79.9	283	35	82	77	113	72	89	127	54	243	116	223	122	102	136	136	124	163	127	162
Dec.	10.64	83	121	82	10.66	84.9	241	41	87	83	117	75	93	130	54	233	117	214	122	102	138	135	124	163	127	162
1939																										
Jan.	10.97	85	112	89	11.05	88.0	150	67	91	88	120	78	95	130	57	241	119	233	122	101	136	134	124	162	126	160
Feb.	10.80	84	110	91	10.66	84.9	144	70	89	88	114	77	94	134	61	248	121	239	121	100	135	133	125	161	126	157
Mar.	11.02	86	102	98	10.98	87.5	141	71	94	97	115	77	97	132	64	267	121	263	120	99	133	132	125	160	125	155
Apr.	11.29	88	94	107	11.26	89.7	134	75	98	106	115	78	100	132	67	284	119	274	120	99	131					

Farm and Market Prices for Milk and Dairy Products<sup>1</sup>

Year	PRICES RECEIVED BY CROP REPORTERS—WISCONSIN											UNITED STATES			WHOLESALE PRICES OF DAIRY PRODUCTS <sup>4</sup>						
	Milk prices by uses <sup>2</sup> (cwt.)				Milk prices by uses in percent of average				Butter-fat <sup>3</sup> (lb.)	Farm butter <sup>3</sup> (lb.)	Butter-fat <sup>3</sup> (lb.)	Milk <sup>5</sup> (cwt.)	Butter <sup>5</sup> (lb.)	Cheese (lb.)				Evaporated milk <sup>6</sup> (case)	Cheese and butter prices compared <sup>10</sup>		
	For cheese (all types)	For butter	By condenseries	Market milk	For cheese	For butter	By condenseries	Market milk						American <sup>7</sup>	Swiss <sup>7</sup>	Brick <sup>7</sup>	Limburger <sup>7</sup>		Cheese div. by butter	Butter div. by cheese	
\$	\$	\$	\$	%	%	%	%	cts.	cts.	cts.	\$	cts.	cts.	cts.	cts.	\$	%	%			
1910	1.24	1.28	1.20	1.39	1.41	103	97	112	114	30.5	28.0	26.4	1.58	-----	15.5	17.1	14.1	13.3	3.60	-----	-----
1911	1.14	1.12	1.08	1.39	1.42	98	95	122	125	27.1	25.2	23.2	1.52	26.1	13.4	13.6	11.2	10.1	3.45	51.3	195
1912	1.30	1.39	1.23	1.45	1.46	107	95	112	112	30.6	28.5	26.7	1.59	29.5	15.9	17.3	15.1	14.2	3.25	53.9	186
1913	1.33	1.29	1.29	1.52	1.57	97	97	114	118	32.6	29.4	27.4	1.61	31.0	14.9	16.9	13.4	13.2	3.55	48.1	208
1914	1.31	1.30	1.21	1.49	1.55	99	92	114	118	30.0	28.4	25.5	1.60	28.6	15.3	13.8	12.6	11.1	3.40	53.5	187
1915	1.28	1.30	1.20	1.37	1.43	102	94	107	112	30.3	28.3	25.9	1.58	28.0	14.7	15.9	13.0	12.3	3.05	52.5	197
1916	1.54	1.59	1.42	1.63	1.60	103	92	106	104	34.9	32.1	29.4	1.73	31.9	18.1	24.1	17.0	16.0	3.65	56.7	176
1917	2.14	2.20	1.86	2.36	2.31	103	87	110	108	45.3	40.6	38.0	2.38	41.0	23.5	28.7	21.4	21.4	5.20	57.3	174
1918	2.49	2.50	2.23	2.73	2.86	100	90	110	115	54.0	48.2	45.4	2.97	49.5	27.1	35.4	24.6	23.2	6.50	51.9	193
1919	2.83	2.77	2.50	3.16	3.46	98	88	112	122	64.9	67.7	53.3	3.30	57.6	25.9	43.5	28.2	28.2	6.15	44.6	224
1920	2.55	2.30	2.53	2.84	3.23	90	99	111	127	62.9	59.1	55.5	3.22	58.7	26.2	31.0	23.4	25.3	5.45	44.2	226
1921	1.69	1.56	1.72	1.82	1.98	92	102	108	117	41.7	41.7	37.0	2.30	41.7	18.4	28.7	16.6	18.8	4.35	49.2	203
1922	1.67	1.67	1.63	1.73	1.83	100	98	104	110	39.0	38.6	35.9	2.10	39.2	19.3	21.9	16.9	17.8	4.45	48.2	207
1923	2.09	2.01	1.99	2.29	2.38	96	95	110	114	46.8	45.7	42.2	2.49	46.0	22.2	30.0	21.6	23.0	4.85	45.2	226
1924	1.75	1.58	1.76	1.84	2.13	90	101	105	122	43.6	42.5	39.8	2.22	41.2	18.2	23.1	16.4	17.4	4.40	44.2	226
1925	1.92	1.90	1.87	2.04	2.08	99	97	106	108	46.3	44.2	41.9	2.38	44.1	21.5	25.8	19.4	19.9	4.50	48.8	205
1926	1.92	1.80	1.86	2.04	2.25	94	97	106	117	45.7	43.9	41.3	2.38	42.8	20.2	26.3	19.1	20.6	4.45	47.2	212
1927	2.11	2.05	2.02	2.24	2.34	97	96	106	111	50.3	47.0	43.7	2.50	45.8	22.7	28.0	21.4	20.2	4.70	49.6	201
1928	2.12	2.00	2.04	2.27	2.39	94	96	107	113	51.5	47.8	45.6	2.53	46.0	22.1	28.7	21.4	20.8	4.55	48.0	208
1929	2.01	1.84	1.94	2.12	2.43	92	97	105	121	48.7	46.5	45.2	2.54	43.8	20.1	28.9	19.1	19.5	4.30	46.0	217
1930	1.62	1.49	1.57	1.69	2.12	92	97	104	131	38.8	37.0	34.5	2.21	35.3	16.4	25.7	16.0	16.4	3.90	45.4	215
1931	1.15	1.07	1.12	1.25	1.58	93	97	109	137	28.7	27.8	24.8	1.69	27.0	12.5	21.2	12.1	13.5	3.30	46.1	217
1932	.89	.81	.83	.92	1.28	91	93	103	144	21.4	20.7	17.9	1.27	20.1	9.9	16.0	8.9	9.4	2.60	49.5	202
1933	.98	.91	.90	1.04	1.25	93	92	106	128	22.9	21.6	18.8	1.30	20.8	10.2	17.5	10.0	11.5	2.55	49.0	204
1934	1.09	1.00	1.05	1.16	1.39	92	96	106	128	26.3	24.9	22.7	1.54	24.8	11.8	16.6	10.6	11.2	2.70	47.4	211
1935	1.32	1.27	1.23	1.35	1.55	96	93	102	117	31.5	29.8	28.1	1.70	28.8	14.4	19.6	13.8	13.8	2.91	49.9	200
1936	1.51	1.42	1.45	1.60	1.80	94	90	106	119	36.1	33.1	32.2	1.87	32.0	15.3	20.5	14.3	15.1	3.26	47.9	209
1937	1.59	1.48	1.51	1.63	1.95	93	95	103	123	37.5	34.2	33.2	1.96	33.2	15.9	20.3	15.2	14.6	3.21	47.8	209
1938	1.28	1.16	1.21	1.31	1.72	91	95	102	134	30.7	28.4	26.3	1.73	27.1	12.6	17.5	11.9	12.5	3.02	46.2	216
1939	1.62	1.50	1.54	1.69	2.02	93	95	104	125	39.4	34.1	33.5	2.08	32.6	15.4	21.5	14.0	14.5	3.25	47.2	212
January	1.49	1.37	1.42	1.54	1.88	92	95	103	125	36.1	31.1	30.5	1.96	30.1	14.6	20.8	12.8	13.2	3.25	48.6	206
February	1.39	1.28	1.33	1.42	1.81	92	96	102	130	35.1	31.1	29.8	1.84	29.3	13.8	20.5	12.0	13.0	3.21	46.9	213
March	1.29	1.16	1.23	1.31	1.77	90	95	102	137	33.1	29.7	27.0	1.69	26.9	12.6	20.5	12.0	13.0	3.00	47.0	213
April	1.23	1.11	1.15	1.21	1.70	90	93	100	138	30.6	27.1	25.1	1.57	25.6	12.3	19.8	12.0	12.6	3.00	48.1	208
May	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.1	26.6	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213
June	1.20	1.08	1.13	1.21	1.64	90	94	101	137	28.1	26.6	23.7	1.52	25.3	11.9	19.1	11.5	12.1	3.00	47.0	213
July	1.16	1.02	1.11	1.20	1.61	88	96	103	139	28.1	27.1	24.1	1.59	25.5	10.8	16.8	10.4	10.8	2.90	43.1	232
August	1.17	1.04	1.12	1.22	1.60	89	96	104	137	28.1	27.1	24.1	1.70	25.5	11.0	14.0	10.4	11.8	2.90	47.0	213
September	1.20	1.10	1.12	1.23	1.60	92	93	102	133	28.1	27.1	24.4	1.76	25.5	12.0	14.6	12.8	11.8	2.90	43.0	231
October	1.26	1.15	1.17	1.28	1.67	91	93	102	133	28.1	27.0	24.0	1.85	26.5	11.5	16.6	11.4	12.5	2.90	43.4	231
November	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.1	29.1	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215
December	1.29	1.18	1.19	1.32	1.70	91	91	102	132	30.1	29.1	27.0	1.86	27.4	12.8	17.0	11.9	12.5	2.90	46.6	215
1939	1.23	1.11	1.15	1.27	1.69	90	93	103	137	29.1	26.1	25.2	1.81	25.5	11.6	17.0	10.6	12.5	2.90	45.5	220
January	1.19	1.08	1.11	1.22	1.63	91	93	103	137	29.1	26.1	24.9	1.72	25.5	11.8	18.0	11.1	12.5	2.90	46.1	217
February	1.12	1.01	1.03	1.14	1.54	90	92	102	138	27.1	25.1	22.7	1.59	23.7	11.4	17.0	11.0	12.5	2.90	49.0	208
March	1.06	.96	.96	1.08	1.45	91	91	102	137	25.1	23.1	21.4	1.48	22.0	11.1	17.0	10.4	11.8	2.90	50.7	197
April	1.08	1.00	.98	1.11	1.41	93	91	103	131	25.1	23.1	21.5	1.41	22.8	11.9	17.0	10.8	11.1	2.90	52.2	192
May	1.11	1.05	1.02	1.14	1.39	95	92	103	125	26.1	24.1	22.2	1.43	23.7	12.5	17.0	11.5	11.2	2.90	52.9	189
June	1.12	1.05	1.04	1.15	1.42	94	93	103	127	26.1	24.1	22.0	1.52	23.2	12.0	17.0	11.1	11.5	2.90	51.7	194
July	1.18	1.09	1.09	1.20	1.54	92	92	102	131	27.1	25.1	22.4	1.64	23.5	12.4	16.4	11.5	11.5	2.90	52.8	189
August	1.32	1.24	1.21	1.34	1.67	94	92	102	127	29.1	28.1	24.7	1.78	27.4	14.2	17.2	12.5	12.5	2.95	51.6	193
September	1.45	1.33	1.33	1.48	1.77	95	92	102	122	32.1	30.1	26.9	1.90	28.4	15.0	18.5	14.2	13.5	3.10	52.9	189
October	1.51	1.44	1.41	1.55	1.82	95	93	103	121	33.1	30.1	28.1	1.99	29.5	15.0	20.0	14.8	14.5	3.10	50.8	197
November	1.51	1.44	1.41	1.55	1.82	95	93	103	121	33.1	30.1	28.1	1.99	29.5	15.0	20.0	14.8	14.5	3.10	50.8	197
December	1.51	1.44	1.41	1.55	1.82	95	93	103	121	33.1	30.1	28.1	1.99	29.5	15.0	20.0	14.8	14.5	3.10	50.8	197

<sup>1</sup>For monthly quotations prior to 1938 and detailed information regarding sources, see Bulletins 90, 120, 150, and 188, Wisconsin Crop and Livestock Reporting Service.

Quotations are the average for the month as reported by Wisconsin crop correspondents.

<sup>2</sup>Milk prices are averages reported by farmers without reference to test. The weighted annual average test of Wisconsin milk as reported for the various outlets is as follows: Milk for cheese, 3.52 percent fat; butter, 3.69 percent fat; condenseries, 3.64 percent fat; market milk, 3.71 percent fat; and average of all uses, 3.60 percent fat. Tests reported by crop correspondents tend to be slightly above state averages, especially during the winter. Annual averages are computed by weighting monthly average prices by milk production per cow.

<sup>3</sup>Quotations refer to the 15th of the month as reported by Wisconsin and United States price reporters. Annual prices, except the Wisconsin farm butter price, are weighted averages of monthly data. For the U. S. milk for fluid use is the chief outlet for whole milk sold, hence the U. S. farm price exceeds Wisconsin where the bulk of the output is manufactured.

<sup>4</sup>All annual quotations except Swiss cheese are straight averages of monthly prices.

<sup>5</sup>Wholesale price of 92-score butter at Chicago.

<sup>6</sup>Wholesale prices on the Wisconsin Cheese Exchange. Prior to April, 1926 prices were quoted on daisies, thereafter on twins. Where prices of twins were not quoted, Cheddar prices were used as a basis for prices of twins.

<sup>7</sup>Averages of weekly quotations published in the Green County Herald, Monroe, Wisconsin and other sources. Yearly averages are derived by weighting monthly average prices by marketings. From January 1910 to October 1933 quotations on No. 1 Swiss were used when available; after October 1933 prices are Fancy Grade B Swiss.

<sup>8</sup>Averages of weekly quotations at Monroe, Wisconsin from the Green County Herald.

<sup>9</sup>Wholesale prices of advertised brands per case of 48 tall cans. Prices from 1910 to 1920 incl. are manufacturers' prices as published in Federal Trade Commission Report on Milk and Milk Products. Quotations from 1921 to date are wholesale prices per case in carload lots at New York City as published by the Evaporated Milk Association. Size of can was changed

Prices Received by Wisconsin Farmers for Farm Products<sup>1</sup>

Year	LIVESTOCK, POULTRY AND WOOL										GRAINS						SEEDS			HAY (Loose)		OTHER CROPS					
	Hogs	Beef cattle	Veal calves	Milk cows	Sheep	Lambs	Wool	Horses	Chickens	Eggs	Wheat	Corn	Oats	Barley	Rye	Buckwheat	Flaxseed	Red clover	Alfalfa	Timothy	All	Alfalfa	Clover and timothy mixed	Potatoes	Dry beans	Apples	
	\$	\$	\$	\$	\$	\$	cts.	\$	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	\$	\$	\$	\$	\$	\$	cts.	\$	\$	
1910-14	7.35	4.90	7.23	53.67	4.25	6.01	20.1	169.83	11.2	21.3	90.8	59.5	39.0	69.2	69.1	72.8	171.1	8.83			12.78			50.7	2.25	1.10	
1914	7.65	5.83	8.22	66.90	4.64	6.60	19.6	172.50	11.6	22.3	89.5	63.8	39.1	65.7	55.2	72.6	138.2	7.72			2.30	10.00	12.57 <sup>2</sup>	50.9	2.22	1.22	
1915	6.55	5.46	7.95	62.30	5.00	7.08	25.2	161.40	11.0	21.7	114.7	71.9	45.1	63.3	97.0	83.7	136.2	8.07			2.79	9.88	12.88	37.2	2.91	.97	
1916	8.47	5.90	8.87	64.80	5.87	8.26	30.3	156.50	13.0	25.0	119.4	79.5	44.2	78.5	98.6	94.0	192.2	9.40			2.90	11.29	14.80	98.3	4.75	1.04	
1917	14.17	7.52	11.46	77.65	8.85	12.36	49.2	151.35	16.2	23.9	198.0	143.8	62.4	121.3	165.9	149.5	283.3	10.95			2.90	14.28	19.82	163.3	8.28	1.47	
1918	16.09	8.71	13.17	88.70	10.22	14.11	63.3	147.65	20.2	39.5	205.6	152.3	75.4	125.2	180.5	171.5	351.3	17.26			3.99	19.42	27.58	78.6	6.27	1.58	
1919	16.52	9.02	14.31	104.25	9.08	13.51	53.0	143.75	22.9	43.8	212.7	140.4	65.8	107.6	136.9	138.9	384.3	25.86			4.78	20.68	27.63	114.4	4.22	1.97	
1920	12.93	7.82	12.47	104.30	7.83	12.52	38.0	141.25	24.0	46.8	214.7	137.3	78.6	121.9	162.6	166.6	354.8	22.03			4.78	22.89	30.91	223.3	3.97	2.31	
1921	7.61	4.57	7.62	58.20	3.89	7.37	18.7	114.35	19.8	32.9	120.1	59.5	37.2	60.0	104.1	100.1	162.2	10.60			3.01	15.51	21.78	79.9	2.88	2.06	
1922	8.32	4.54	7.73	57.00	4.92	10.22	27.4	111.25	18.3	28.5	107.3	59.2	37.7	55.6	76.3	80.5	203.7	11.04			3.01	15.04	20.32	80.0	3.85	2.15	
1923	6.97	4.57	7.99	62.35	5.16	10.55	37.9	111.65	17.3	29.2	105.0	77.7	42.4	60.9	66.8	84.0	214.4	11.42			3.31	13.41	20.18	58.9	4.28	1.60	
1924	7.29	4.67	8.17	63.75	5.62	10.33	37.7	106.90	17.8	30.2	113.5	94.4	49.2	73.0	77.1	97.6	215.5	13.08			3.69	15.33	21.22	64.6	3.65	1.62	
1925	10.87	5.18	9.17	66.25	6.13	12.36	40.3	108.15	19.2	33.2	143.7	102.9	43.9	79.8	98.8	97.8	238.3	15.84			3.20	13.02	18.18	84.6	3.63	1.93	
1926	11.70	5.73	10.14	80.50	6.19	12.09	35.9	111.65	21.4	31.3	137.2	74.3	39.2	65.4	82.2	78.8	205.0	16.41			3.36	13.82	18.82	158.3	3.16	1.42	
1927	9.52	6.49	10.52	89.65	5.75	11.85	33.0	113.75	19.3	28.6	123.1	87.1	46.2	72.8	88.4	84.6	192.7	18.58			4.41	14.25	18.57	117.2	3.27	1.53	
1928	8.74	8.22	12.14	102.40	6.05	12.37	39.2	117.60	20.7	30.3	117.4	92.8	52.3	79.8	98.1	88.0	189.7	16.02			2.09	13.06	18.53	65.0	4.72	1.67	
1929	9.50	8.32	12.43	107.25	6.07	12.23	34.5	117.90	22.0	31.5	117.8	88.2	45.7	64.9	89.7	88.7	237.0	15.09			2.29	12.60	18.93	71.2	5.33	1.47	
1930	8.82	6.54	9.87	84.40	4.33	8.56	23.8	108.15	17.4	24.1	93.1	79.7	38.9	58.0	80.7	87.3	212.0	10.52			2.76	10.88	14.74	56.7	2.45	1.37	
1931	5.76	4.37	6.70	56.85	2.62	6.22	14.8	91.00	10.2	17.8	63.7	56.7	28.5	44.8	37.9	63.4	124.6	9.79	13.17		4.56	10.30	13.64	10.64 <sup>3</sup>	26.2	1.42	.90
1932	3.38	3.07	4.60	38.75	1.80	4.67	10.8	83.75	11.0	15.9	54.6	36.8	23.3	37.3	35.5	45.6	103.5	7.00	9.69		1.45	10.30	13.75	9.62	4.90	1.49	1.00
1933	3.44	2.85	4.31	35.50	1.90	4.97	19.3	92.25	8.8	14.4	68.2	38.3	26.9	42.8	48.7	51.9	125.2	6.18	8.94		1.86	9.27	12.05	14.69	59.8	1.85	1.31
1934	4.12	2.91	4.51	35.90	2.35	6.11	23.8	108.40	10.2	17.6	89.2	59.8	40.7	75.6	63.0	58.9	157.8	8.77	10.51		4.98	13.68	16.94	14.69	59.8	1.85	1.31
1935	8.57	5.21	7.05	58.40	3.10	7.20	21.7	123.90	14.3	23.9	94.2	74.2	37.8	73.0	61.8	57.2	142.7	9.82	12.86		4.85	12.72	15.65	13.48	33.6	1.82	1.10
1936	9.12	5.18	7.58	68.25	3.22	8.10	27.8	131.35	15.2	22.8	103.4	81.2	35.9	81.7	63.8	65.6	158.8	11.18	12.00		2.02	9.36	11.59	9.41	89.7	2.26	1.15
1937	9.52	6.15	8.23	72.60	3.53	8.80	31.9	133.60	15.3	21.2	115.8	101.1	44.2	83.2	95.7	91.6	181.2	17.54	17.88		2.11	11.22	14.45	11.77	79.7	3.45	1.31
1938	7.62	5.62	7.93	70.50	2.78	7.12	20.8	126.65	14.9	20.7	76.6	54.2	28.7	56.2	50.7	65.9	163.8	14.47	15.98		1.40	8.20	11.02	8.92	46.0	1.81	1.02
Jan.	7.50	5.40	8.20	71.	3.35	7.30	26.	125.	16.9	20.9	92.	58.	32.	64.	70.	73.	178.	18.70	17.90		1.40	9.70	13.20	11.00	46.	1.95	1.00
Feb.	7.80	5.40	8.10	72.	2.70	6.70	24.	125.	15.9	15.5	91.	58.	32.	65.	69.	73.	178.	19.40	18.10		1.45	9.50	13.50	10.60	46.	1.92	1.05
Mar.	8.30	5.60	7.90	73.	3.45	7.40	21.	132.	16.3	16.3	90.	57.	32.	64.	64.	72.	175.	19.89	19.00		1.55	9.40	12.70	10.20	43.	1.95	.95
Apr.	7.60	5.70	7.50	71.	3.15	7.40	18.	132.	17.3	15.5	86.	57.	31.	60.	55.	75.	174.	20.30	19.70		1.40	9.50	13.00	10.00	42.	1.92	1.00
May	7.40	5.70	7.20	70.	3.15	6.90	18.	125.	16.2	17.9	83.	57.	31.	60.	55.	71.	172.	18.80	17.50		1.55	8.60	11.60	9.40	46.	1.86	1.20
June	8.00	5.50	7.70	71.	2.70	7.30	17.	127.	15.1	17.8	80.	56	30.	52	61.	68.	159.	15.70	16.30		1.35	8.50	11.10	8.60	55.	1.89	1.15
July	8.40	5.90	7.70	70.	2.60	7.60	18.	127.	14.3	18.6	77.	59.	30.	49.	50.	64.	161.	15.10	16.20		1.35	7.90	10.50	8.40	65.	1.83	1.25
Aug.	7.60	5.60	8.10	70.	2.50	6.90	21.	127.	14.0	19.5	66.	55.	24.	49.	39.	70.	156.	11.40	13.10		1.35	7.30	10.00	8.20	48.	1.86	.80
Sept.	8.10	5.70	8.80	70.	2.30	6.80	21.	124.	13.6	24.0	64.	54.	25.	54.	38.	65.	154.	8.90	13.00		1.30	7.00	9.10	8.00	38.	1.74	.85
Oct.	6.90	5.70	8.70	70.	2.40	6.80	22.	124.	13.0	27.5	63.	49.	25.	54.	39.	56.	154.	8.40	13.00		1.35	6.90	8.80	7.50	36.	1.59	.90
Nov.	7.00	5.50	8.30	68.	2.55	7.00	22.	126.	12.6	28.9	63.	44.	25.	52.	39.	51.	152.	8.40	13.80		1.40	7.00	9.40	7.50	41.	1.53	.95
Dec.	6.80	5.80	7.60	70.	2.55	7.30	21.	126.	13.1	25.7	64.	46.	27.	52.	39.	53.	153.	8.70	13.80		1.35	7.10	9.40	7.70	46.	1.65	1.20
1939	6.80	5.80	7.90	70.	2.55	7.30	21.	126.	13.5	16.6	65.	47.	28.	54.	41.	51.	160.	8.70	14.00		1.35	7.00	8.60	7.70	50.	1.68	1.20
Jan.	7.20	5.90	8.70	72.	2.80	7.40	21.	124.	14.4	15.3	65.	46.	28.	53.	40.	50.	154.	9.10	14.30		1.45	7.40	9.80	7.70	49.	1.59	1.30
Feb.	7.20	6.00	8.40	72.	3.00	7.40	21.	125.	14.2	15.5	64.	46.	28.	54.	39.	53.	157.	9.50	14.60		1.50	6.70	9.10	7.40	50.	1.53	1.30
Mar.	6.50	6.30	7.80	71.	3.40	8.10	20.	119.	14.6	15.1	66.	47.	29.	52.	39.	52.	160.	9.20	15.50		1.40	6.50	8.80	6.70	49.	1.59	1.20
Apr.	6.40	6.10	8.00	69.	2.95	8.20	21.	121.	14.2	14.4	69.	50.	31.	54.	41.	52.	160.	9.10	15.10		1.5						

Some Current Changes in Agriculture and Industry

WISCONSIN	Latest Report		Previous Reports			UNITED STATES	Latest Report		Previous Reports		
	Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>		Date	Reported figure	One month before	One year before	5-yr. av. of same month <sup>10</sup>
<b>AGRICULTURE</b>						<b>AGRICULTURE</b>					
Index of farm prices <sup>1</sup> , 1910-14=100	Nov.	109*	108	101	112	Index of farm prices <sup>1</sup> , 1910-14=100	Nov.	97	97	94	106
Prices farmers pay <sup>2</sup> , 1910-14=100	Nov.	125*	125*	123	126	Prices farmers pay <sup>2</sup> , 1910-14=100	Nov.	122	122	121	125
Purchasing power, farm products <sup>3</sup> , 1910-14=100	Nov.	87*	86*	82	88	Purchasing power, farm products <sup>3</sup> , 1910-14=100	Nov.	80	80	78	85
<b>Dairy Production and Markets</b>						<b>Dairy Production and Markets<sup>4</sup></b>					
Farm price of milk <sup>5</sup> , cwt.	Nov.	1.51*	1.45	1.26	1.49	Farm price of butterfat, per lb.	Nov. 15	28.1	26.9	25.0	30.3
Farm price of butterfat <sup>5</sup>	Nov. 15	33	32	28	33.8	Price (wholesale), 92-acre butter, Chicago, per lb.	Nov.	29.51	28.38	26.51	31.30
Price, American cheese, Wis. Cheese Exchange (twins) per lb.	Nov.	15.00	15.00	11.50	14.58	Butter receipts at 4 markets, (000 omitted)	Nov.	42433*	46469	47281	42358
Daily milk production <sup>6</sup>	Dec. 1	13.61	13.49	12.68	12.59	Cheese receipts at 4 markets, (000 omitted)	Nov.	9144*	13265	9097	11323
per cow in herd	Dec. 1	201.8	197.5	186.6	181.4	Daily milk prod. per cow in herd	Dec. 1	12.09	12.30	11.83	11.29
production per farm	Dec. 1	18.62	17.86	17.63	17.45	<b>Cold-Storage Holdings<sup>7</sup>, (000 omitted)</b>					
production per cow milked	Nov.	8.82	8.70	8.66	7.96	Creamery butter	Dec. 1	89752*	128111	160632	93734
Cows in herd freshening <sup>8</sup>	Nov.	39.95	40.68	37.86	35.66	American cheese	Dec. 1	90254*	93987	109738	98389
Calves born during month being raised <sup>8</sup>	Nov.	4.25	3.29	3.72	3.21	Swiss cheese	Dec. 1	6125*	5917	6109	5296
Grains and concentrates fed daily <sup>8</sup>	Dec. 1	62.4	47.6	53.6	43.1	All other cheese	Dec. 1	15832*	14832	11593	9370
per cow in herd	Dec. 1	29.85	23.43	28.20	24.79	All varieties of cheese	Dec. 1	112211*	114736	127440	113055
per farm	Dec. 1	71	72	68	61.80	Total frozen poultry	Dec. 1	127030*	79228	118088	113578
per 100 lbs. of milk produced	Nov. 15	4657*	5473	5662	4892	Eggs, shell	Dec. 1	1580*	3519	1439	2197
Farm price of milk cows <sup>9</sup>	Nov.	6431*	9771	6107	8346	Eggs, shell and frozen, (case equivalent)	Dec. 1	4088*	6498	3670	4599
Wisconsin butter receipts at 4 markets <sup>4</sup> , (000 omitted)	Nov.					<b>Poultry Production<sup>8</sup></b>					
Wisconsin cheese receipts at 4 markets <sup>4</sup> , (000 omitted)	Nov.					Hens and pullets per farm flock	Dec. 1	81.2	75.1	78.0	76.7
<b>Poultry Production and Markets</b>						<b>Poultry Production<sup>8</sup></b>					
Hens and pullets per farm flock <sup>2</sup>	Dec. 1	111.6	95.5	100.2	99.6	Eggs per 100 hens and pullets	Dec. 1	21.5	22.0	19.9	17.3
Eggs per 100 hens and pullets <sup>2</sup>	Dec. 1	23.5	22.1	25.7	23.0	Eggs per farm flock	Dec. 1	17.5	16.6	15.9	13.5
Eggs per farm flock <sup>2</sup>	Dec. 1	31.9	21.1	25.8	23.0	<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>7</sup>, (000 omitted)</b>					
Farm price of chickens <sup>9</sup> , per lb.	Nov. 15	11.4	11.5	12.6	13.4	Dry whole milk	Nov. 1	3952*	4274	4841	4099
Farm price of eggs <sup>9</sup> , per doz.	Nov. 15	25.9	23.0	28.9	29.7	Dry skim milk	Nov. 1	8443*	11963	42082	30874
<b>Feed Price Changes</b>						<b>Stocks of Dry, Condensed, and Evaporated Milk<sup>7</sup>, (000 omitted)</b>					
Index of feed prices <sup>1</sup> , 1910-14=100	Nov.	98.1	93.1	81.9	106.1	Dry buttermilk	Nov. 1	1218*	1249	6737	5649
Cost, 1000 lbs. dairy ration <sup>1</sup>	Nov.	11.54	11.22	10.19	13.34	Condensed milk (case goods)	Nov. 1	6312*	6039	8521	11339
Amount of ration 100 lbs. of milk will buy <sup>1</sup>	Nov.	130.9*	129.2	123.7	116.9	Evaporated milk (case goods)	Nov. 1	175530*	135135	344316	257120
Wisconsin by-product feed costs per ton f. o. b. Madison	Nov.	23.60	21.40	17.80	23.59	<b>Slaughtering under Federal Meat Inspection<sup>7</sup>, (000 omitted)</b>					
Standard bran	Nov.	36.00	35.70	41.10	40.56	Cattle	Nov.	837	893	858	911
Linseed oil meal	Nov.	26.40	26.15	21.10	28.25	Calves	Nov.	450	482	457	472
Corn gluten feed	Nov.	63.10	61.80	51.90	51.49	Sheep and lambs	Nov.	1469	1585	1453	1411
Tankage	Nov.	23.90	21.35	17.80	24.53	Hogs	Nov.	4437	3545	3913	3647
Standard middlings	Nov.	37.75	34.40	30.40	36.07	<b>BUSINESS AND INDUSTRY</b>					
Cottonseed meal	Nov.	11.66	11.69	10.03	13.65	<b>Prices</b>					
Cost, 1000 lbs. poultry ration <sup>1</sup>	Nov.	222.1	196.7	288.1	226.3	Wholesale prices <sup>1</sup> , 1910-14=100	Nov. 15	115	116	113	117.0
Amt. of ration 10 doz. eggs will buy <sup>1</sup>	Nov.					All commodities	Nov. 15	112	114	115	124.4
<b>Farm Price of Hogs, Beef Cattle, and Veal Calves</b>						<b>Prices</b>					
Farm price of hogs <sup>9</sup> , per cwt.	Nov. 15	5.70	6.30	7.00	7.41	Fooda	Nov. 15	128.1*	129.1	127.6	131.3
Farm price of beef cattle <sup>9</sup> , per cwt.	Nov. 15	5.80	6.00	5.50	4.85	Retail food prices <sup>6</sup> , 1910-14=100	Oct. 15		85.9	85.8	84.9
Farm price of veal calves <sup>9</sup> , per cwt.	Nov. 15	8.30	9.10	8.30	7.38	Cost of living <sup>7</sup> , 1923=100	Oct.				
<b>BUSINESS AND INDUSTRY</b>						<b>Prices</b>					
Index of employment <sup>8</sup> , 1925-27=100	Nov.	92.1*	89.4	81.5	85.1	Factory employment (adjusted) <sup>8</sup>	Oct.	101*	97	90	95.5
Index of pay rolls <sup>8</sup> , 1925-27=100	Nov.	99.4*	96.2	81.6	78.7	No. of employees, 1923-25=100	Oct.	106.7*	100.0	88.9	90.9
<b>BUSINESS AND INDUSTRY</b>						<b>Business activity<sup>8</sup>, normal=100</b>					
<b>BUSINESS AND INDUSTRY</b>						<b>Industrial production (adjusted)<sup>8</sup></b>					
<b>BUSINESS AND INDUSTRY</b>						<b>1923-25=100</b>					
<b>BUSINESS AND INDUSTRY</b>						<b>Freight-car loadings (adjusted)<sup>8</sup></b>					
<b>BUSINESS AND INDUSTRY</b>						<b>1923-25=100</b>					

<sup>1</sup> Wisconsin Crop Reporting Service. <sup>2</sup> As reported by Wisconsin crop reporters. <sup>3</sup> Bureau of Agricultural Economics, United States Department of Agriculture. <sup>4</sup> As reported by Wisconsin dairy reporters. <sup>5</sup> Wisconsin Industrial Commission. <sup>6</sup> Bureau of Labor Statistics Index No. corrected to 1910-14 base. <sup>7</sup> National Industrial Conference Board. <sup>8</sup> Federal Reserve Board. <sup>9</sup> The Annalist. <sup>10</sup> 1934-1938. \* Preliminary.

of the average during the period 1910-14. In mid-October this index was 108 percent and in November a year ago it was only 101 percent of the 1910-14 price level. Despite the sharp decline in livestock prices, the index rose because of appreciable advances in milk and poultry product prices.

The poultry product group index showed the greatest advance, increasing 10 points from October 15 to November 15. This price group, however, was still 13 points below the index shown in November of last year. The milk price index was not only 4 points higher than in mid-October but was 19 points higher than a year ago. The grain price index was up 1 point from October 15 and up 11 points from November 15, 1938. Livestock prices dropped to 98 percent of the 1910-14 level compared with 105 in October and also 105 a year ago.

While the cash crop group declined 1 point from mid-October, it was 7 points higher than in November of last year.

The average price received by Wisconsin farmers for milk used in all types of dairy plants rose from \$1.45 per hundredweight in October to \$1.51 during November. According to crop correspondents, this average was 25 cents per hundredweight above the average reported for November 1938. The sharpest advance occurred in the price of milk used for butter, correspondents reporting an average of \$1.41 for November—an increase of 8 cents from October and 24 cents from November of last year. Milk used by condenseries brought \$1.55 compared with \$1.48 in October and \$1.28 in November 1938. Milk used for cheese, at \$1.44 per hundredweight, brought 6 cents more than in

October and 29 cents more than in November a year earlier. The price received for milk delivered to market milk establishments rose to \$1.82 during November—5 cents above the October average and 15 cents above the November 1938 average.

Although the ratio of prices received to prices paid was up 1 point from October to November and 5 points from November a year ago to November of this year, this indication of Wisconsin farmers' purchasing power was, nevertheless, only 87 percent of the indicated purchasing power during the period 1910-14.

United States Farm Prices

The level of prices received by farmers of the nation on November 15 remained unchanged from mid-October. Although the prices received index was but 97 percent of the average of 1910-14, it was 3 points

General Trend of Farm Prices and Purchasing Power

Year and Month	Wisconsin													United States <sup>1</sup>												
	Index Numbers of Wisconsin Farm Prices (Average of prices January, 1910—December 1914=100)									Purchasing Power				Index Numbers of United States Farm Prices (Average of prices August, 1909—July, 1914=100)												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Wisconsin farm price index (30 items)	All groups milk excluded (29 items)	Grain	Livestock	Milk	Poultry products	Four leading cash crops	Fruits and vegetables	Unclassified <sup>b</sup>	Prices paid by Wisconsin farmers for commodities bought* (1910-1914=100)	Ratio of prices received to prices paid, Wisconsin <sup>b</sup>	Ratio of prices received for milk to prices paid Wisconsin <sup>b</sup>	Index numbers of Wisconsin farm real estate values <sup>c</sup>	United States farm price index	Grain	Meat animals	Dairy products	Poultry products	Fruits	Truck crops	Cotton and cotton seed	Prices paid by farmers for commodities bought 1910-1914=100 <sup>d</sup>	Purchasing power (Column 14 divided by column 22)	Index number of U. S. farm real estate value <sup>e</sup>			
1910	99	99	101	101	98	103	84	100	103	98	101	100	102	104	103	99	104	101	101	113	98	104	104			
1911	91	92	111	85	90	91	99	100	118	98	93	92	97	95	96	87	95	91	102	101	101	94	100			
1912	102	101	111	95	193	101	117	90	111	101	101	102	100	100	106	95	102	100	94	87	100	100	97			
1913	104	102	85	110	105	100	94	102	82	100	104	105	100	101	92	108	105	101	107	77	101	100	100			
1914	105	106	93	111	104	104	105	108	85	102	103	102	103	101	102	112	102	106	91	85	100	101	108			
1915	101	99	117	101	103	101	90	89	89	109	93	94	104	98	120	104	103	101	82	119	105	93	103			
1916	122	122	125	119	123	117	142	151	103	122	100	101	117	118	126	120	109	116	100	119	124	95	108			
1917	173	176	200	175	169	155	208	197	133	151	115	112	124	175	217	174	135	155	118	187	149	117	117			
1918	196	192	216	200	200	184	157	216	173	177	111	113	133	202	227	203	163	196	172	245	176	115	129			
1919	214	205	188	209	224	195	204	254	172	205	104	109	143	213	235	207	186	209	178	247	202	105	140			
1920	203	200	211	173	206	219	299	218	172	211	96	98	171	211	232	174	198	223	191	248	201	105	170			
1921	128	123	114	102	134	160	161	215	119	149	86	90	168	125	112	109	156	162	157	101	152	82	157			
1922	125	119	100	107	131	141	143	178	123	142	88	92	154	132	106	114	143	141	174	156	149	89	139			
1923	137	111	102	99	165	141	123	116	121	148	93	111	147	142	113	107	159	146	137	216	152	93	135			
1924	128	116	118	103	140	146	129	127	130	148	86	95	139	143	129	110	149	149	125	212	152	94	130			
1925	144	138	133	133	150	160	154	129	115	155	93	97	130	156	157	140	153	163	172	153	177	99	127			
1926	151	152	114	145	150	158	216	126	119	164	98	97	125	145	131	147	152	159	138	143	122	155	94	124		
1927	154	142	121	136	167	144	183	142	121	153	101	109	122	139	128	140	155	144	144	121	128	153	91	119		
1928	156	143	130	145	170	153	140	169	115	153	102	111	120	149	130	151	158	153	176	159	152	155	96	117		
1929	155	148	116	152	162	160	144	177	114	150	103	108	119	146	120	156	157	162	141	149	144	153	95	116		
1930	129	130	95	129	129	124	170	154	99	140	92	92	117	126	100	133	137	129	162	140	102	145	87	115		
1931	90	89	67	85	91	95	107	97	90	121	74	75	104	67	63	92	108	100	98	117	63	124	70	106		
1932	67	63	56	55	70	80	68	71	82	105	64	67	91	65	44	63	83	82	82	102	47	107	61	89		
1933	70	64	68	53	78	70	85	90	80	105	67	74	80	70	62	60	82	75	74	105	64	109	64	73		
1934	81	76	101	59	86	85	100	114	106	121	67	71	80	90	93	68	96	89	100	102	99	123	73	76		
1935	105	106	96	111	105	116	87	89	98	124	85	84	82	108	103	118	108	117	91	127	101	125	86	79		
1936	118	117	106	117	120	114	139	126	83	126	94	95	84	114	108	121	119	115	100	113	100	124	92	82		
1937	125	124	124	127	125	109	137	137	98	135	93	93	89	121	126	132	124	111	122	122	95	130	93	85		
1938	103	104	79	110	101	106	108	100	76	126	82	80	88	95	74	114	109	108	73	105	70	123	77	85		
Jan.	117	107	95	108	128	111	113	115	86	131	89	98	-----	102	91	110	128	113	70	105	66	126	81	-----		
Feb.	111	105	95	110	118	90	113	115	84	130	85	91	-----	97	89	110	121	94	68	111	68	126	77	-----		
Mar.	108	107	92	114	110	94	111	115	83	130	83	85	-----	96	85	117	117	93	69	101	70	125	77	-----		
Apr.	103	104	86	109	102	93	111	115	82	130	79	78	-----	94	82	114	110	93	68	98	71	125	75	-----		
May	100	103	85	107	97	99	113	115	77	129	78	75	-----	92	79	111	103	98	77	88	71	125	74	-----		
June	100	106	79	111	95	96	118	115	77	129	78	74	-----	92	77	116	98	99	73	92	68	124	74	-----		
July	102	108	77	116	95	97	123	85	74	127	80	75	-----	95	72	123	101	103	79	99	71	123	77	-----		
Aug.	97	102	67	110	92	100	106	85	72	125	78	74	-----	92	62	115	102	105	78	92	69	122	75	-----		
Sept.	99	105	69	115	92	115	96	85	70	123	80	75	-----	95	63	117	104	118	75	107	69	121	79	-----		
Oct.	98	102	69	106	95	126	94	85	70	123	80	77	-----	95	60	111	107	124	70	107	72	121	79	-----		
Nov.	101	102	67	105	100	130	98	85	70	123	82	81	-----	94	60	111	109	131	71	102	73	121	78	-----		
Dec.	101	101	69	104	102	120	102	85	71	123	82	83	-----	96	63	109	112	127	73	108	70	120	80	-----		
1939	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	86	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84	-----		
Jan.	97	97	71	105	97	89	106	85	70	123	79	79	-----	94	66	112	109	97	76	96	71	120	78	-----		
Feb.	97	100	70	110	94	86	105	85	72	122	80	77	-----	92	66	116	107	91	78	108	70	120	77	-----		
Mar.	94	100	70	110	89	86	106	85	68	122	77	73	-----	91	66	116	100	88	81	114	71	120	76	-----		
Apr.	91	97	70	106	84	86	105	85	67	122	75	69	-----	89	67	114	95	87	82	102	70	120	74	-----		
May	91	96	74	104	85	82	106	85	69	122	75	70	-----	90	72	112	92	85	85	110	72	120	75	-----		
June	90	92	75	97	88	78	106	85	71	122	74	72	-----	89	73	107	94	83	93	105	73	120	74	-----		
July	92	95	69	100	89	81	118	85	71	123 <sup>10</sup>	75 <sup>10</sup>	72 <sup>10</sup>	-----	89	66	107	96	89	80	101	73	120	74	-----		
Aug.	92	92	66	94	93	83	114	85	71	124 <sup>10</sup>	74 <sup>10</sup>	75 <sup>10</sup>	-----	88	64	101	100	90	70	101	71	119	74	-----		
Sept.	104	104	79	111	104	95	114	85	74	125 <sup>10</sup>	83 <sup>10</sup>	73 <sup>10</sup>	-----	98	83	117	107	102	73	114	76	122	80	-----		
Oct.	103	101	77	105	115	107	106	85	74	125 <sup>10</sup>	86 <sup>10</sup>	92 <sup>10</sup>	-----	97	77	112	112	108	73	128	74	122	80	-----		
Nov.	109 <sup>10</sup>	99	78	98	119 <sup>10</sup>	117	105	85	77	125 <sup>10</sup>	87 <sup>10</sup>	95 <sup>10</sup>	-----	97	79	107	117	117	66	130	75	122	80	-----		

<sup>1</sup>Prepared by the Agricultural Marketing Service, United States Department of Agriculture. <sup>2</sup>Includes potatoes, tobacco, canning peas, and clover seed. <sup>3</sup>Includes dry beans, flaxseed, hay, dry peas, sugar beets, and wool. <sup>4</sup>New indexes of prices paid by Wisconsin farmers for commodities bought for use in farm production and family maintenance reported quarterly for March, June, September, and December. Indexes for other months are interpolations from the quarterly data. <sup>5</sup>The ratio of the Wisconsin index of prices received to the Wisconsin index of prices paid for commodities farmers buy. <sup>6</sup>The ratio of the index of Wisconsin milk prices to the Wisconsin index of prices paid for commodities farmers buy. <sup>7</sup>Average of estimated values, 1912-14 = 100. <sup>8</sup>These index numbers are based on retail prices paid by United States farmers for commodities used in living and production, reported quarterly for March, June, September, and December, revised. Indexes for other months are interpolations from the quarterly data. <sup>9</sup>Purchasing power of the farmer's dollar expressed as the ratio of the index of prices received to the revised index of prices paid for commodities farmers buy. <sup>10</sup>Preliminary.

higher than in mid-November of last year. Increases in the prices received for poultry products, dairy products, grain, truck crops, and cotton and cottonseed were offset by decreases in the prices of meat animals and fruits. The index of prices received for poultry products increased 9 points and the dairy product index increased 5 points during the month ending November 15. The grain and truck crop groups advanced 2 points and

the cotton and cottonseed group advanced 1 point. The index of meat animal prices declined 5 points and the fruit group declined 7 points from mid-October. Compared with November a year ago, truck crop prices were 28 points higher, grain prices 19 points higher, dairy products 8 points higher, and cotton and cottonseed 2 points higher. Poultry product prices were 14 points lower,

fruits 5 points lower, and meat animals 4 points lower. The ratio of prices received to prices paid remained unchanged during the month ending November 15. With prices paid at 122 percent and prices received at 97 percent of the 1910-14 period, the ratio or indication of exchange value of farm products was 80 percent of pre-World War on November 15 compared with 78 percent a year earlier.



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