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J.S.D.
Nov. 1929

Detailed Cost of Production Study
on 21 Farms in
Barron County, Wisconsin - 1927-28

College of Agriculture, University of Wisconsin
Madison, Wisconsin
and
The Wisconsin State Department of Markets
Cooperating

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Introduction

The following is a preliminary report of a farm cost study on 21 farms in Barron County, Wisconsin, for the year ending October 1928.

The purpose of this study was to make possible an increased income for the farmer, both through a better organization of his farm business, and through a more effective method of handling his crops and livestock. Costs of producing crops and livestock were determined, and the reasons for the variations in costs from farm to farm were carefully analyzed. These variations in cost were caused, for the most part, by differences in farm practices. A knowledge of the farm practices of the low-cost producers should help other producers increase their profits by lowering their production costs.

Measures of Efficiency of the Farm as a Unit

The farmer's labor income is the best measure of efficiency for the whole farm. It represents the amount received by the farm operator for his year's work and management, and is determined by subtracting from the farm income interest on the total investment of the business.

The amount of the labor income is influenced by several factors, a few of the more important being the volume of business, the production of livestock and crops, and the effective use of feed, man labor, and farm power. The volume of business is indicated (Table 1) by total receipts, crop acres per farm, and days work on livestock and crops. The production of livestock and crops is shown by the butterfat production per cow, and the per acre yields for corn silage, oats, and mixed hay. The effective use of feed is shown by the milk herd returns per \$100 feed used. The use made of man labor and horse and tractor power is indicated by the crop acres per man and the power costs per crop acre.

Find Your Farm Leaks

If the farmer will underline the figure for his farm in each of the columns in Table 2, he can determine whether he is high, low, or average in the different measures of efficiency shown. He should then be able to increase his income by strengthening the weak points indicated in his farm organization and practices.

Selected Items of Expense

Farm expenses have increased at a faster rate than have farm expenses during the last few years. This is because it is now necessary for farmers to have better buildings, machinery, and equipment than ever before. These increasing costs have made necessary a higher type of management in order to make profits than was necessary some years ago.

The Barron County farmers who received the higher labor incomes, had, in most cases, smaller expenses per crop acre and per head of livestock than the average for the group (Table 3). For instance, Farm 11, whose labor income was the highest, had less than the average expense per crop acre. This farm also had lower than average expense per unit of livestock, and a very low machinery expense per crop acre.

How to keep down farm costs should be studied very carefully. Many farmers have excessive building costs because of too large an investment in buildings for the amount of livestock kept. Other farmers have high labor costs, because not enough crops and livestock are produced to keep the labor fully employed. In some cases horse work costs are excessive because too many horses are kept for the acres of crops grown. To control these and other expenses so that a profit can be realized, requires a great deal of planning on the part of the farm operator.

The Labor Income of Barron County Farmers

The average labor income for these 21 Barron County farmers for the year ending October 1928 was \$976. The range was from (-) \$277 to \$1976, a difference of \$2253 between the low and the high income farmers (Table 4).

Dairying was the main source of income, dairy sales amounting to 63 per cent of the cash receipts. Other sources of income were hogs, poultry, and the sale of crops. The total income per farm was \$5232 and the total expense per farm was \$3121.

Costs and Returns

The costs and returns with the loss or the gain for each of the main enterprises of the farm are shown in Table 5. Each farmer can determine, from a study of this table, which of his farm enterprises were the most profitable. In the year covered by this study, milk and hay production were the most profitable, and pork and corn silage production the least profitable.

Distribution of Investment

The average farm investment was \$20,344 (Table 6). 38.7 per cent of the investment was in land, 31.3 per cent in buildings, 7.3 per cent in machinery, 15.0 per cent in productive livestock, 1.3 per cent in work horses, and 6.4 per cent in feed and supplies.

The total investment per farm varied from \$7524 to \$38,668. As would be expected, the larger farms usually had the larger investments. The smaller farms had the larger proportion of their investment in buildings and machinery.

Little relationship was found between the size of farm and labor income. High and low incomes were made on both large and small farms. As a rule, size of farm represents opportunity only. Large farms, well planned, give larger net incomes than smaller farms of a similar type equally well planned. Also large farms poorly planned result in greater losses than do small farms poorly planned.

Returns for \$1.00 Expense

A farmer can realize a profit for his work only when he can keep his total expenses lower than his total income. On the average, these 21 Barron County farmers showed a return of \$1.23 for every dollar of costs, including interest. The ratio of receipts to expenses for the whole farm and for the more important farm enterprises are shown in Table 7. The profitable enterprises for the year of this study were the milk herd, oats, barley, and mixed hay. The enterprises conducted at a loss were hogs, poultry, and corn silage. The poor showing for corn silage was probably due to the poor yields obtained on several of the farms because of a very unfavorable growing season for corn.

Utilization of Man Labor

The expense for hired labor varied from nothing to \$1136 per farm. The average expense was \$210, or 8 per cent of the total cash expenses. If the labor of the farm operator and his family is considered, however, the labor cost will amount to over one-third of the total farm cost.

How to use this labor to the best advantage in the production of crops and livestock is an important problem for the farm operator. Some farmers economize in the labor required to care for livestock by a convenient barn arrangement, and by the use of modern equipment such as milking machines, drinking cups, and manure carriers. Time required to care for crops is decreased on many farms by the use of tractors, or the use of four-horse teams and larger equipment.

The variations in the time required to care for livestock and crops on these Barron County farms were considerable. The hours of man labor per year required to care for livestock varied as follows; per cow 101 to 295 hours, per heifer 9 to 62 hours, per calf 16 to 92 hours, per bull 45 to 189 hours, and per horse 56 to 146 hours. (Table 8).

Similar variations were found in the hours of man labor required for crops. One important cause of these variations was the difference in the type of farm power used. Farms using tractor power required less man labor per acre than did those farms using horse power alone.

The use of tractors resulted in a saving of man labor of 7.5 hours per crop acre for corn silage, 2.5 hours for oats, 1.3 hours for barley, and 15.8 hours for potatoes.

Returns per Hour of Man Labor

Another important indication of how well man labor is employed on the farm, is the returns per hour of man labor used in the production of livestock and crops (Table 9). The returns to man labor for the whole farm varied from 14 cents to 53 cents per hour. Man labor used in hay production showed the highest return, and man labor used in hog production showed the lowest return per hour of labor employed.

Utilization of Horse Work and Tractor Power

The average power cost per year for these 21 Barron County farms was \$389. This is the cost of all work horses kept, plus the cost of the tractor if one is used. The average power cost for each acre of crops grown was \$6.22. The variation in power costs from farm to farm was considerable, ranging from \$2.83 to \$9.68 per crop acre (Table 10).

The Horse Hours and Tractor Hours used on each farm for each acre of the principal crops grown are shown in Table 10. Averages follow:-

| | Hours of Horse Work | Hours Use of Tractor Power |
|-------------------|------------------------|-------------------------------|
| Corn Silage | 40.00 | 2.75 |
| Oats | 17.99 | 2.12 |
| Barley | 20.25 | 1.75 |
| Potatoes | 41.58 | 2.36 |
| Mixed Hay | 11.68 | 2.10 |

A farmer by comparing the hours of horse work and tractor power used on his farms with the above averages, can obtain some idea of how efficiently he is making use of his farm power.

Tractor Costs per Hour

The average cost of keeping a tractor for a year was \$151.04 (Table 11). 92 per cent of this cost was for fuel, oil, depreciation, and interest. Eleven of the 21 farmers had tractors. These tractors were used an average of 146.6 hours per year, which made a cost of \$1.03 for every hour the tractor was used.

The largest single item affecting costs is the number of hours the tractor is used. Farmers using their tractors more than the average number of hours yearly, had costs per hour of \$.95. Farmers using their tractors less than the average number of hours had tractor costs per hour of \$1.25. One way to reduce the cost of tractor power is to have more productive work for the tractor to do.

Production and Utilization of Feed Crops

90 per cent of the crops grown were fed to livestock. As feed costs constitute from 50 to 80 per cent of the total cost of producing livestock and livestock products, the crop yields obtained and the efficiency with which these crops are fed to livestock and converted into milk, pork, and poultry products has a direct bearing on the farmer's income.

The average yields per acre for crops were: 5.6 tons of silage, 37.24 bushels of oats, 31.83 bushels of barley, and 1.92 tons of hay (Table 12).

How well these farmers as a group used their feed in the production of livestock and livestock products is shown by the returns received from each class of livestock for each dollar of feed fed. The average returns per dollar of feed fed were \$2.57 for cows, \$.88 for hogs, \$1.82 for sheep, and \$1.61 for poultry (Table 12).

Farms with the larger labor incomes had crop yields well above the average in most cases. They also had more than average returns from livestock for each dollar of feed used. For example, Farm 11, which had the largest labor income, had 51 per cent better yields of corn silage, 50 per cent better yields of oats, and 16 per cent better yields of barley than the average of all farms. The returns for each dollar of feed used on this farm were 21 per cent more than the average for cows and 100 per cent more than the average for hogs.

Table 1

Measures of Efficiency of the Farm as a Unit

21 Farms in Barron County, Wisconsin, 1927-28

| Farm Number | Total Receipts Dollars | Crop Acres | Labor Income Dollars | Milk Herd Returns per \$100 Food Dollars | Farm Returns per \$100 Expense Dollars | Butter-fat per Cow Pounds | Yield per Acre Silage Tons |
|-------------|---------------------------|------------|-------------------------|---|---|------------------------------|----------------------------------|
| 11 | 3386.81 | 31.6 | 1975.91 | 311 | 239 | 261 | 8.45 |
| 12 | 3479.67 | 28.5 | 1882.91 | 316 | 218 | 381 | 7.39 |
| 17 | 6604.52 | 64.6 | 1654.49 | 215 | 133 | 262 | 7.18 |
| 15 | 5850.78 | 34.1 | 1500.61 | 291 | 135 | 341 | 5.82 |
| 19 | 5135.93 | 38.2 | 1460.56 | 318 | 140 | 304 | 5.18 |
| 9 | 8309.19 | 53.5 | 1289.37 | 238 | 118 | 361 | 9.74 |
| 14 | 3444.44 | 55.9 | 1273.72 | 208 | 159 | 213 | 8.49 |
| 2 | 4119.03 | 48.7 | 1199.29 | 302 | 141 | 344 | 3.43 |
| 8 | 5409.34 | 71.9 | 1178.95 | 335 | 128 | 224 | 7.87 |
| 3 | 4139.37 | 53.2 | 1118.10 | 300 | 137 | 279 | 7.28 |
| 5 | 4329.36 | 39.1 | 1052.91 | 239 | 132 | 299 | 5.47 |
| 1 | 3876.50 | 49.6 | 1031.45 | 220 | 136 | 304 | 7.22 |
| 10 | 5048.08 | 65.1 | 923.00 | 320 | 122 | 236 | 3.34 |
| 4 | 5054.78 | 76.9 | 704.61 | 223 | 116 | 227 | 7.25 |
| 6 | 4067.60 | 49.1 | 703.03 | 248 | 121 | 208 | 6.58 |
| 21 | 7584.24 | 96.3 | 675.83 | 242 | 110 | 291 | 4.44 |
| 18 | 4029.50 | 42.4 | 557.60 | 282 | 116 | 236 | 6.74 |
| 7 | 5705.45 | 158.8 | 228.06 | 179 | 104 | 273 | 3.07 |
| 16 | 7186.83 | 74.4 | 216.38 | 358 | 103 | 276 | 5.14 |
| 20 | 8924.53 | 117.6 | 140.72 | 190 | 102 | 340 | 4.54 |
| 13 | 4183.25 | 62.2 | -276.51 | 221 | 94 | 277 | 4.96 |
| Average | | | | | | | |
| | 5231.86 | 62.4 | 975.76 | 257 | 123 | 283 | 5.60 |

Table 1

Measures of Efficiency of the Farm as a Unit

21 Farms in Barron County, Wisconsin, 1927-28

| Yield per Acre | | Crop Acres per Man | Days Labor on Livestock and Crops | Cost Horse Work per Hour Cents | Cost of Tractor per Hour Dollars | Power Cost per Crop Acre Dollars | Per Cent Income from Dairy Herd |
|----------------|-------------------|-----------------------|---|---|---|--|--|
| Oats Bu. | Mixed Hay Tons | | | | | | |
| 56.09 | 1.38 | 27.24 | 280 | 10.9 | ----- | 5.15 | 75.78 |
| ----- | 2.04 | 23.95 | 327 | 14.5 | ----- | 9.68 | 77.88 |
| 38.72 | 3.63 | 45.17 | 404 | 13.5 | .96 | 7.14 | 58.45 |
| 43.00 | 2.11 | 16.80 | 594 | 17.7 | 1.24 | 7.77 | 61.56 |
| 48.61 | 3.23 | 22.34 | 346 | 10.0 | ----- | 6.74 | 64.68 |
| 50.15 | 2.67 | 27.44 | 539 | 9.1 | 1.10 | 6.81 | 55.89 |
| 50.54 | 1.93 | 45.45 | 376 | 14.0 | ----- | 4.82 | 77.84 |
| 56.79 | 2.74 | 41.98 | 313 | 14.8 | ----- | 6.73 | 84.60 |
| 35.93 | 2.21 | 33.60 | 613 | 13.5 | 1.13 | 6.92 | 72.13 |
| 49.86 | 2.07 | 46.67 | 314 | 17.0 | 1.30 | 7.67 | 74.63 |
| 44.22 | 2.13 | 24.59 | 471 | 14.0 | ----- | 7.47 | 83.23 |
| 61.55 | 2.07 | 33.97 | 448 | 14.9 | ----- | 7.07 | 71.02 |
| 46.58 | 2.11 | 66.43 | 308 | 22.6 | .89 | 6.29 | 47.37 |
| 38.47 | 2.92 | 32.18 | 710 | 10.1 | ----- | 4.13 | 61.29 |
| 40.23 | 1.02 | 40.25 | 357 | 15.8 | 1.37 | 7.97 | 49.15 |
| 33.23 | 1.22 | 52.91 | 530 | 8.3 | ----- | 2.83 | 58.02 |
| 32.80 | 1.64 | 30.50 | 409 | 15.9 | .79 | 7.56 | 64.57 |
| 26.22 | .89 | 78.61 | 580 | 12.3 | .72 | 3.71 | 69.70 |
| 18.21 | 1.97 | 22.61 | 950 | 17.3 | .65 | 8.03 | 66.43 |
| 29.03 | 2.31 | 41.70 | 914 | 17.4 | 3.24 | 8.13 | 39.58 |
| 18.54 | 1.37 | 28.27 | 596 | 11.7 | ----- | 6.03 | 68.95 |
| Average | | | | | | | |
| 37.24 | 1.92 | 36.12 | 494 | 13.6 | 1.03 | 6.22 | 63.04 |

Table 2

Find Your Farm Leaks

21 Farms in Barron County, Wisconsin, 1927-28

| Milk Herd Returns per \$100 Feed | Returns per \$100 Expense | Butterfat per Cow | Crop Yields per Acre | | | Crop Acres per Man |
|---|---------------------------------|----------------------|----------------------|-------|-----------|-----------------------|
| | | | Silage | Oats | Mixed Hay | |
| Dollars | Dollars | Pounds | Tons | Bu. | Tons | |
| 3.82 | 238.68 | 380.5 | 9.74 | 61.55 | 3.63 | 78.61 |
| 3.58 | 217.92 | 360.7 | 8.49 | 56.79 | 3.25 | 66.43 |
| 3.35 | 158.68 | 344.0 | 8.45 | 56.09 | 2.92 | 52.91 |
| 3.20 | 141.08 | 340.8 | 7.87 | 50.54 | 2.74 | 47.84 |
| 3.18 | 139.74 | 340.1 | 7.39 | 50.15 | 2.67 | 46.67 |
| 3.16 | 137.01 | 304.0 | 7.28 | 49.86 | 2.51 | 45.45 |
| 3.11 | 136.25 | 303.9 | 7.25 | 48.61 | 2.21 | 45.17 |
| 3.00 | 134.50 | 298.8 | 7.22 | 46.58 | 2.13 | 41.98 |
| 2.91 | 133.42 | 291.1 | 7.18 | 44.22 | 2.11 | 40.28 |
| 2.88 | 132.14 | 280.5 | 6.74 | 43.80 | 2.11 | 33.97 |
| 2.82 | 127.87 | 278.6 | 6.58 | 40.23 | 2.07 | 35.60 |
| 2.48 | 122.38 | 277.0 | 5.82 | 38.72 | 2.07 | 32.18 |
| 2.42 | 120.90 | 276.3 | 5.47 | 38.47 | 2.04 | 30.50 |
| 2.39 | 118.37 | 272.9 | 5.18 | 35.93 | 1.97 | 28.27 |
| 2.38 | 116.20 | 261.8 | 5.14 | 33.23 | 1.93 | 27.44 |
| 2.23 | 116.02 | 236.2 | 4.96 | 32.80 | 1.64 | 27.24 |
| 2.21 | 109.78 | 236.2 | 4.54 | 29.03 | 1.58 | 24.59 |
| 2.20 | 104.16 | 226.9 | 4.44 | 26.22 | 1.37 | 25.95 |
| 2.15 | 103.10 | 224.1 | 3.43 | 18.54 | 1.22 | 22.61 |
| 1.90 | 101.60 | 213.1 | 3.34 | 18.21 | 1.02 | 22.34 |
| 1.79 | 93.80 | 208.1 | 3.07 | ----- | .89 | 16.80 |
| Average | | | | | | |
| 2.57 | 122.93 | 282.6 | 5.60 | 37.24 | 1.92 | 36.59 |

Table 2

Find Your Farm Leaks

21 Farms in Barron County, Wisconsin, 1927-28

| Returns per Hour Man Labor | Crop Acres per Horse | Cost per Hour Horse Work | Tractor Costs per Hour | Power Costs per Crop Acre | Days Work on Livestock and Crops |
|----------------------------------|-------------------------|--------------------------------|------------------------------|---------------------------------|--|
| Cents | | Cents | Dollars | Dollars | |
| 53.2 | 39.70 | 8.26 | .65 | 2.83 | 950 |
| 49.1 | 26.60 | 9.11 | .72 | 3.71 | 914 |
| 44.4 | 25.72 | 10.00 | .79 | 4.13 | 710 |
| 36.4 | 24.85 | 10.13 | .89 | 4.82 | 613 |
| 36.0 | 24.55 | 10.92 | .96 | 5.15 | 596 |
| 34.9 | 23.55 | 11.72 | 1.10 | 6.03 | 594 |
| 34.8 | 22.48 | 12.31 | 1.13 | 6.29 | 580 |
| 33.1 | 21.53 | 13.51 | 1.24 | 6.73 | 539 |
| 32.9 | 21.40 | 13.51 | 1.30 | 6.74 | 530 |
| 32.2 | 20.48 | 14.04 | 1.37 | 6.81 | 471 |
| 29.3 | 19.25 | 14.04 | 3.24 | 6.92 | 448 |
| 29.0 | 19.23 | 14.51 | ---- | 7.07 | 409 |
| 25.9 | 17.92 | 14.83 | ---- | 7.09 | 404 |
| 25.7 | 16.23 | 14.90 | ---- | 7.14 | 376 |
| 21.8 | 16.16 | 15.84 | ---- | 7.47 | 357 |
| 19.7 | 15.80 | 15.92 | ---- | 7.56 | 346 |
| 19.4 | 15.40 | 17.04 | ---- | 7.67 | 327 |
| 19.3 | 13.95 | 17.29 | ---- | 7.77 | 314 |
| 17.3 | 13.17 | 17.45 | ---- | 7.97 | 313 |
| 14.1 | 12.40 | 17.70 | ---- | 8.03 | 308 |
| 13.8 | 9.50 | 22.63 | ---- | 9.68 | 280 |
| Average | | | | | |
| 27.4 | 19.94 | 13.61 | 1.03 | 6.14 | 494 |

Table 3

Selected Items of Expense

21 Farms in Barron County, Wisconsin, 1927-28

| Farm Number | Crop Acres | Total Expenses | Expenses | | Expenses per Head | | | |
|----------------|---------------|-------------------|------------------|--------------------------|-------------------|---------|---------|---------|
| | | | Crop per Acre | Per Unit of Livestock | Cow | Heifer | Calf | Bull |
| | | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | Dollars |
| 1 | 11 | 1410.90 | 44.65 | 90.21 | 156.61 | 31.95 | 49.19 | 73.89 |
| 2 | 12 | 1596.76 | 55.97 | 113.73 | 176.15 | 58.14 | 93.67 | 146.32 |
| 3 | 14 | 2170.72 | 36.63 | 66.49 | 145.84 | 31.57 | 41.16 | 102.90 |
| 4 | 1 | 2645.05 | 57.34 | 108.01 | 219.09 | 63.27 | 46.69 | 111.56 |
| 5 | 2 | 2919.74 | 59.95 | 166.27 | 149.30 | 56.45 | 50.41 | ----- |
| 6 | 3 | 3021.27 | 56.79 | 160.88 | 141.82 | 64.19 | 45.37 | ----- |
| 7 | 5 | 3276.45 | 63.60 | 143.08 | 162.06 | 66.23 | 69.63 | 150.74 |
| 8 | 6 | 3364.57 | 69.52 | 154.62 | 155.64 | 53.88 | 64.17 | 89.97 |
| 9 | 18 | 3471.90 | 61.81 | 155.76 | 166.88 | 54.44 | 67.81 | 204.43 |
| 10 | 19 | 3675.37 | 96.21 | 164.74 | 142.11 | 55.61 | 42.57 | 47.32 |
| 11 | 10 | 4125.08 | 63.33 | 174.13 | 126.02 | 62.55 | 41.67 | 104.00 |
| 12 | 3 | 4230.39 | 56.83 | 118.20 | 119.95 | 46.02 | 44.61 | 141.76 |
| 13 | 15 | 4350.17 | 127.57 | 195.60 | 192.99 | 66.60 | 61.62 | 184.25 |
| 14 | 4 | 4350.17 | 56.57 | 106.86 | 173.72 | 58.68 | 55.01 | 124.67 |
| 15 | 13 | 4459.76 | 71.70 | 207.62 | 201.40 | 70.91 | 73.05 | ----- |
| 16 | 17 | 4950.05 | 76.62 | 151.61 | 154.66 | 54.49 | 40.70 | 79.59 |
| 17 | 7 | 5477.39 | 34.49 | 152.53 | 174.19 | 40.83 | 58.88 | 137.63 |
| 18 | 21 | 6908.41 | 71.74 | 200.07 | 183.93 | 49.06 | 76.74 | 203.51 |
| 19 | 16 | 6970.45 | 93.73 | 191.71 | 183.39 | 41.64 | 44.54 | 107.84 |
| 20 | 9 | 7019.82 | 131.21 | 240.40 | 235.23 | 68.87 | 98.16 | 190.28 |
| 21 | 20 | 8783.81 | 74.69 | 164.98 | 230.27 | 81.63 | 87.53 | 126.59 |
| Average | | | | | | | | |
| | 62.5 | 4256.10 | 68.14 | 156.87 | 172.14 | 54.11 | 60.19 | 128.75 |

Table 3

Selected Items of Expense

21 Farms in Barron County, Wisconsin, 1927-28

| Expenses per Head Horse | Expenses per Crop Acre | | | Expenses per \$100 Investment | Expenses per \$100 Receipts | |
|-------------------------------|------------------------|-----------|---------|-------------------------------------|-----------------------------------|----|
| | Buildings | Machinery | Fencing | | | |
| Dollars | Dollars | Dollars | Dollars | Dollars | Dollars | |
| 94.80 | 12.73 | 3.76 | .93 | 53.33 | 41.63 | 1 |
| 98.82 | 15.34 | 6.26 | .75 | 53.96 | 45.89 | 2 |
| 95.16 | 7.21 | 3.46 | .86 | 56.54 | 63.02 | 3 |
| 102.74 | 12.09 | 4.64 | .43 | 60.52 | 73.79 | 4 |
| 117.48 | 20.24 | 3.10 | .28 | 52.05 | 70.88 | 5 |
| 136.12 | 12.81 | 7.35 | .30 | 57.02 | 72.99 | 6 |
| 159.60 | 23.11 | 8.28 | 1.05 | 56.16 | 75.68 | 7 |
| 85.54 | 15.99 | 11.67 | .72 | 61.22 | 82.72 | 8 |
| 110.10 | 11.00 | 11.00 | .26 | 36.29 | 86.16 | 9 |
| 105.01 | 13.12 | 12.07 | 1.19 | 33.14 | 71.56 | 10 |
| 93.12 | 11.90 | 11.27 | .12 | 50.96 | 81.72 | 11 |
| 100.92 | 12.00 | 0.99 | .64 | 75.56 | 70.21 | 12 |
| 114.82 | 17.67 | 13.60 | .58 | 30.45 | 74.35 | 13 |
| 84.02 | 13.40 | 9.15 | .33 | 74.02 | 86.06 | 14 |
| 91.65 | 10.87 | 5.41 | .75 | 38.19 | 106.61 | 15 |
| 88.94 | 13.26 | 12.43 | .15 | 44.07 | 74.95 | 16 |
| 116.90 | 4.58 | 4.15 | .15 | 57.28 | 96.00 | 17 |
| 77.59 | 7.44 | 6.58 | .18 | 38.63 | 91.09 | 18 |
| 116.22 | 9.02 | 7.15 | .06 | 34.51 | 96.99 | 19 |
| 131.07 | 20.43 | 13.94 | .48 | 38.88 | 84.48 | 20 |
| 151.61 | 12.10 | 16.19 | .66 | 44.02 | 98.42 | 21 |
| Average | | | | | | |
| 100.22 | 12.12 | 6.76 | .45 | 47.79 | 81.35 | |

Table 4

Labor Income Statement

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Labor Incomes of Farm Operators)

| Farm Number | 11 | 12 | 17 | 15 | 19 | 9 | 14 | 2 | 8 |
|------------------------------------|------|------|------|------|------|------|------|------|------|
| Receipts | | | | | | | | | |
| 1 Crop Sales | 34 | 41 | 59 | 6 | 298 | 242 | 104 | 250 | 6 |
| 2 Livestock Sales | 296 | 344 | 2552 | 1116 | 352 | 2360 | 1075 | 223 | 693 |
| 3 Livestock Products | 1261 | 1927 | 1939 | 2755 | 2306 | 3433 | 1497 | 2250 | 2506 |
| 4 Miscellaneous | 198 | 423 | 292 | 179 | 831 | 1206 | 29 | 63 | 237 |
| 5 Total Cash Receipts | 1809 | 2735 | 4892 | 4056 | 3737 | 7241 | 2705 | 2794 | 3444 |
| 6 Increase in Inventories | 1174 | 350 | 927 | 1131 | 834 | 119 | 473 | 630 | 1262 |
| 7 Increase in Growing Crops | 14 | 36 | 36 | 31 | 37 | 22 | 7 | 4 | --- |
| 8 Farm Products Used by Family | 390 | 379 | 750 | 633 | 470 | 927 | 259 | 691 | 705 |
| 9 Total Credit | 3387 | 3480 | 6605 | 5851 | 5136 | 8309 | 3444 | 4119 | 5409 |
| Expenses | | | | | | | | | |
| 10 Crop | 33 | 28 | 251 | 23 | 91 | 368 | 98 | 162 | 118 |
| 11 Livestock | 79 | 69 | 199 | 56 | 173 | 364 | 187 | 155 | 69 |
| 12 Feeds Purchased | 327 | 471 | 1099 | 1056 | 497 | 944 | 222 | 477 | 197 |
| 13 Livestock Purchased | 23 | 62 | 34 | 966 | 54 | 985 | 423 | 370 | 192 |
| 14 Labor | 66 | 16 | 93 | 260 | 258 | 318 | --- | 49 | 100 |
| 15 Equipment - Now | 215 | 62 | 910 | 145 | 1196 | 1309 | 122 | 375 | 176 |
| 16 Equipment - Expense | 70 | 7 | 346 | 162 | 214 | 356 | 68 | 218 | 209 |
| 17 Real Estate - Now | 9 | 151 | 18 | 127 | 148 | 182 | --- | 15 | 45 |
| 18 Real Estate - Expense | 25 | 5 | 62 | 70 | 103 | 145 | 35 | 35 | 318 |
| 19 Taxes | 51 | 74 | 253 | 92 | 78 | 215 | 121 | 105 | 217 |
| 20 Miscellaneous | 29 | 30 | 120 | 78 | 27 | 86 | 11 | 40 | 45 |
| 21 Total Cash Expense | 927 | 975 | 3385 | 3043 | 2639 | 5272 | 1287 | 2001 | 1694 |
| 22 Decrease in Inventories | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 Decrease in Growing Crops | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 Family Labor-Board Hired Labor | 11 | 49 | 365 | 579 | 160 | 246 | 209 | 83 | 772 |
| 25 Interest on Working Capital | 134 | 139 | 379 | 285 | 230 | 630 | 237 | 191 | 489 |
| 26 Interest-Investment Real Estate | 339 | 434 | 821 | 443 | 440 | 872 | 438 | 645 | 1268 |
| 27 Total Charge | 1411 | 1597 | 4950 | 4350 | 3675 | 7020 | 2171 | 2920 | 4230 |
| 28 Operators Labor Income | 1976 | 1863 | 1655 | 1501 | 1461 | 1289 | 1273 | 1199 | 1179 |
| 29 Operators Return per Hour, ¢ | 66.0 | 50.7 | 79.4 | 47.2 | 43.0 | 33.5 | 42.4 | 34.5 | 31.5 |

Table 4

Labor Income Statement

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Labor Incomes of Farm Operators)

| 3 | 5 | 1 | 10 | 4 | 6 | 21 | 18 | 7 | 16 | 20 | 13 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|-------|------|----|
| 80 | 11 | --- | 562 | 52 | 806 | 342 | 3 | 208 | 98 | 1016 | 115 | 207 | 1 |
| 483 | 640 | 792 | 566 | 1597 | 1131 | 4048 | 1370 | 2461 | 1286 | 2662 | 1208 | 1299 | 2 |
| 1942 | 2518 | 1852 | 1859 | 2000 | 1421 | 2405 | 1642 | 2362 | 2480 | 3391 | 1917 | 2178 | 3 |
| 371 | 446 | 166 | 764 | 215 | 123 | 149 | 445 | 43 | 263 | 332 | 58 | 325 | 4 |
| 2876 | 3615 | 2810 | 3751 | 3864 | 3481 | 6944 | 3460 | 5074 | 4127 | 7421 | 3298 | 4009 | 5 |
| 859 | 334 | 521 | 664 | 371 | --- | 43 | --- | --- | 2272 | --- | 438 | 590 | 6 |
| 14 | --- | 1 | 52 | --- | 25 | 119 | 14 | 21 | 160 | 106 | --- | 33 | 7 |
| 390 | 300 | 545 | 581 | 820 | 562 | 478 | 556 | 610 | 628 | 1398 | 447 | 600 | 8 |
| 4139 | 4329 | 3877 | 5048 | 5055 | 4068 | 7584 | 4030 | 5705 | 7187 | 8925 | 4183 | 5232 | 9 |
| 170 | 238 | 172 | 62 | 104 | 327 | 73 | 109 | 133 | 94 | 614 | 123 | 161 | 10 |
| 154 | 124 | 179 | 130 | 104 | 173 | 512 | 234 | 137 | 217 | 261 | 64 | 173 | 11 |
| 252 | 838 | 784 | 256 | 351 | 436 | 696 | 349 | 1227 | 518 | 1027 | 945 | 618 | 12 |
| 465 | 135 | 7 | 765 | 165 | 228 | 2220 | 615 | 686 | 130 | 298 | 427 | 440 | 13 |
| 2 | 375 | 108 | 16 | 629 | 61 | 335 | 9 | 376 | 148 | 1136 | 21 | 210 | 14 |
| 642 | 48 | 15 | 731 | 164 | --- | 678 | 228 | 130 | 2300 | 127 | 284 | 469 | 15 |
| 93 | 57 | 79 | 276 | 166 | 253 | 469 | 272 | 226 | 167 | 1345 | 115 | 246 | 16 |
| 23 | --- | --- | --- | --- | 54 | --- | --- | --- | --- | 31 | 75 | 42 | 17 |
| 5 | 22 | 39 | 15 | 215 | 74 | 22 | 55 | 70 | 139 | 259 | 3 | 82 | 18 |
| 105 | 87 | 133 | 248 | 215 | 145 | 241 | 107 | 257 | 190 | 477 | 108 | 168 | 19 |
| 42 | 18 | 108 | 65 | 46 | 105 | 17 | 52 | 87 | 9 | 175 | 21 | 58 | 20 |
| 1953 | 1942 | 1624 | 2564 | 2159 | 1876 | 5263 | 2030 | 3329 | 3912 | 5750 | 2186 | 2667 | 21 |
| --- | --- | --- | --- | --- | 96 | --- | 402 | 6 | --- | 561 | --- | 51 | 22 |
| --- | --- | --- | --- | 23 | --- | --- | --- | --- | --- | --- | 11 | 2 | 23 |
| 120 | 322 | 274 | 322 | 397 | 259 | 177 | 347 | 318 | 1735 | 347 | 1326 | 401 | 24 |
| 292 | 293 | 292 | 287 | 440 | 313 | 438 | 255 | 408 | 443 | 594 | 276 | 335 | 25 |
| 656 | 719 | 655 | 952 | 1331 | 821 | 1030 | 438 | 1416 | 880 | 1532 | 661 | 800 | 26 |
| 3021 | 3276 | 2845 | 4125 | 4350 | 3365 | 6908 | 3472 | 5477 | 6970 | 8704 | 4460 | 4256 | 27 |
| 1118 | 1053 | 1032 | 923 | 705 | 703 | 676 | 558 | 228 | 217 | 141 | -277 | 976 | 28 |
| 33.1 | 37.4 | 27.3 | 40.3 | 20.4 | 25.1 | 18.1 | 17.3 | 6.3 | 4.8 | 7.2 | -10.4 | 30.3 | 29 |

Table 5

Costs and Returns

21 Farms in Barron County, Wisconsin, 1927-28

| Farm Number | 11 | 12 | 19 | 2 | 15 | 10 | 5 | 3 | 8 |
|------------------------|-------|-------|-------|--------|--------|-------|-------|-------|--------|
| <u>Butterfat</u> | | | | | | | | | |
| 1 Cost per #, ¢ | 34.3 | 37.9 | 38.2 | 40.9 | 41.5 | 43.3 | 45.2 | 46.4 | 47.2 |
| 2 Returns per #, ¢ | 62.1 | 50.1 | 64.0 | 63.7 | 57.9 | 63.2 | 56.9 | 63.9 | 60.3 |
| 3 Loss or Gain, ¢ | 27.8 | 20.2 | 25.8 | 22.8 | 16.4 | 19.9 | 11.7 | 17.5 | 13.1 |
| <u>Milk</u> | | | | | | | | | |
| 4 Cost 100#, \$ | 1.59 | 1.38 | 1.54 | 1.77 | 2.09 | 1.84 | 2.30 | 1.56 | 2.15 |
| 5 Returns 100#, \$ | 2.06 | 2.09 | 2.53 | 2.75 | 2.91 | 2.69 | 2.39 | 2.17 | 2.74 |
| 6 Loss or Gain, \$ | 1.27 | .71 | .99 | .98 | .82 | .85 | .59 | .59 | .59 |
| <u>Pork</u> | | | | | | | | | |
| 7 Cost 100#, \$ | 9.43 | 17.33 | 13.08 | 29.00 | 80.22 | 15.50 | ----- | ----- | 47.87 |
| 8 Returns 100#, \$ | 8.08 | 9.98 | 9.79 | 2.27 | 7.06 | 6.81 | ----- | ----- | 10.90 |
| 9 Loss or Gain, \$ | -1.35 | -7.35 | -3.29 | -26.73 | -72.37 | -3.69 | ----- | ----- | -36.97 |
| <u>Corn Silage</u> | | | | | | | | | |
| 10 Cost per Ton, \$ | 3.95 | 4.92 | 7.36 | 8.20 | 5.17 | 9.97 | 10.52 | 4.96 | 5.30 |
| 11 Returns per Ton, \$ | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 12 Loss or Gain, \$ | 1.05 | .08 | -2.36 | -3.20 | -.17 | -4.97 | -5.52 | .04 | -.30 |
| <u>Oats</u> | | | | | | | | | |
| 13 Cost per Bu., ¢ | 38.8 | ----- | 46.4 | 43.6 | 53.1 | 50.6 | 69.0 | 41.1 | 52.4 |
| 14 Returns per Bu., ¢ | 60.0 | ----- | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| 15 Loss or Gain, ¢ | 21.2 | ----- | 13.6 | 16.4 | 6.9 | 9.4 | -9.0 | 18.9 | 7.6 |
| <u>Barley</u> | | | | | | | | | |
| 16 Cost per Bu., ¢ | 59.4 | 109.0 | 91.1 | 112.1 | 60.0 | ----- | ----- | 41.1 | 85.0 |
| 17 Returns per Bu., ¢ | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | ----- | ----- | 79.0 | 79.0 |
| 18 Loss or Gain, ¢ | 19.6 | 30.0 | -12.1 | -33.1 | 19.0 | ----- | ----- | 27.9 | -6.8 |
| <u>Potatoes</u> | | | | | | | | | |
| 19 Cost per Bu., ¢ | ----- | 52.8 | 45.8 | 32.9 | ----- | 36.1 | 35.9 | 41.4 | ----- |
| 20 Returns per Bu., ¢ | ----- | 60.0 | 60.0 | 60.0 | ----- | 60.0 | 60.0 | 60.0 | ----- |
| 21 Loss or Gain, ¢ | ----- | 7.2 | 14.2 | 27.1 | ----- | -26.1 | 24.1 | 18.6 | ----- |
| <u>Mixed Hay</u> | | | | | | | | | |
| 22 Cost per Ton, \$ | 12.28 | 10.15 | 4.57 | 7.70 | 7.37 | 8.01 | 10.42 | 6.43 | 9.93 |
| 23 Returns per Ton, \$ | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 |
| 24 Loss or Gain, \$ | 1.72 | 3.85 | 9.43 | 6.30 | 6.63 | 5.99 | 3.58 | 7.57 | 4.07 |

Table 5

COSTS AND RETURNS

21 Farms in Barron County, Wisconsin, 1927-28

| 7 | 17 | 21 | 14 | 20 | 16 | 6 | 1 | 9 | 18 | 13 | 4 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|----|
| 52.3 | 52.4 | 52.8 | 54.1 | 54.7 | 55.8 | 57.9 | 59.8 | 62.7 | 65.5 | 69.6 | 73.4 | 52.4 | 1 |
| 63.2 | 59.5 | 65.3 | 64.6 | 60.4 | 63.0 | 78.8 | 64.5 | 61.8 | 64.1 | 65.3 | 68.4 | 62.4 | 2 |
| 10.9 | 7.1 | 12.5 | 10.5 | 5.7 | 7.2 | 20.9 | 5.7 | -9 | -1.4 | -4.3 | -5.0 | 10.0 | 3 |
| 1.98 | 1.76 | 2.12 | 1.90 | 2.00 | 2.51 | 2.63 | 2.05 | 3.18 | 2.18 | 2.38 | 2.74 | 2.14 | 4 |
| 2.39 | 1.98 | 2.63 | 2.23 | 2.21 | 2.84 | 3.54 | 2.20 | 3.11 | 2.10 | 2.21 | 2.54 | 2.55 | 5 |
| .41 | .22 | .51 | .33 | .21 | .33 | .91 | .15 | -.07 | -.08 | -.17 | -.20 | .41 | 6 |
| 12.54 | 11.46 | 14.76 | 18.56 | 14.43 | 13.68 | ---- | 11.25 | 11.49 | 11.85 | 11.24 | 15.09 | 13.29 | 7 |
| 7.38 | 9.88 | 10.04 | 9.69 | 11.32 | 8.43 | ---- | 8.16 | 9.69 | 6.58 | 7.40 | 7.17 | 8.65 | 8 |
| -5.16 | -1.58 | -4.72 | -8.87 | -3.11 | -5.25 | ---- | -3.09 | -1.80 | -5.27 | -3.84 | -7.92 | -4.64 | 9 |
| 7.19 | 4.80 | 6.69 | 3.83 | 7.38 | 5.69 | 6.04 | 4.85 | 5.06 | 4.95 | 5.76 | 4.05 | 5.94 | 10 |
| 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 11 |
| -2.19 | .20 | -1.69 | 1.17 | -2.38 | -.69 | -1.04 | .15 | -.06 | .05 | -1.76 | .95 | -.94 | 12 |
| 67.0 | 50.6 | 85.8 | 32.0 | 68.8 | 75.6 | 60.0 | 44.0 | 44.6 | 64.4 | 81.3 | 46.1 | 52.7 | 13 |
| 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 14 |
| -7.0 | 9.4 | -25.8 | 28.0 | -8.8 | 15.6 | 0.0 | 16.0 | 15.4 | -4.4 | 21.3 | 13.9 | 7.3 | 15 |
| 103.0 | 71.9 | ---- | 44.3 | 68.4 | 98.0 | ---- | 69.5 | 64.4 | 86.4 | 56.3 | 73.4 | 73.0 | 16 |
| 79.0 | 79.0 | ---- | 79.0 | 79.0 | 79.0 | ---- | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 17 |
| -24.0 | 7.1 | ---- | 34.7 | 10.6 | -19.0 | ---- | 9.5 | 14.6 | -7.4 | 22.7 | 5.6 | 6.0 | 18 |
| 42.0 | 64.8 | ---- | 46.3 | ---- | 113.8 | ---- | 49.6 | 110.0 | 46.0 | 71.5 | 161.00 | 51.0 | 19 |
| 60.0 | 60.0 | ---- | 60.0 | ---- | 60.0 | ---- | 60.0 | 60.0 | 60.0 | 60.0 | 60.00 | 60.0 | 20 |
| 18.0 | -4.8 | ---- | 13.7 | ---- | -53.8 | ---- | 10.4 | -50.0 | 14.0 | -11.5 | 101.00 | 9.0 | 21 |
| 13.69 | 5.82 | 12.51 | 6.08 | 14.10 | 7.77 | 15.43 | 10.98 | 9.78 | 9.97 | 9.52 | 6.32 | 9.24 | 22 |
| 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 23 |
| .31 | 8.18 | 1.49 | 7.92 | -.10 | 6.23 | -1.43 | 3.02 | 4.22 | 4.03 | 4.48 | 7.68 | 4.76 | 24 |

Table 6

Distribution of Investment

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Total Investment per Farm)

| Farm Number | 20 | 4 | 8 | 7 | 9 | 21 | 16 | 17 | 10 |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Farm Labor Income | 141 | 705 | 1179 | 220 | 1209 | 676 | 217 | 1655 | 923 |
| 2 Total Investment | 30660 | 32202 | 31968 | 31376 | 27295 | 26693 | 24054 | 21815 | 21025 |
| Investment in | | | | | | | | | |
| 3 Land | 17175 | 15000 | 14000 | 18546 | 8220 | 12500 | 10400 | 7750 | 7600 |
| 4 Buildings | 10683 | 9197 | 9058 | 5398 | 7633 | 6235 | 5594 | 7176 | 8211 |
| 5 Machinery | 2230 | 1416 | 3031 | 1661 | 2460 | 1100 | 2293 | 1864 | 1986 |
| 6 Productive Livestock | 5051 | 4604 | 3760 | 3607 | 6978 | 4746 | 3031 | 3121 | 2034 |
| 7 Horses | 535 | 437 | 308 | 430 | 220 | 423 | 505 | 152 | 107 |
| 8 Feed & Supplies | 2994 | 1548 | 1731 | 1734 | 1704 | 1609 | 1431 | 1752 | 1087 |
| Percentage of Investment | | | | | | | | | |
| 9 Land | 44.4 | 46.5 | 43.9 | 59.1 | 30.1 | 46.0 | 43.3 | 35.6 | 36.2 |
| 10 Buildings | 27.6 | 28.6 | 28.3 | 17.2 | 28.0 | 23.4 | 23.3 | 32.9 | 39.0 |
| 11 Machinery | 5.7 | 4.4 | 9.5 | 5.3 | 9.0 | 4.1 | 9.5 | 8.5 | 9.4 |
| 12 Productive Livestock | 13.1 | 14.3 | 11.7 | 11.5 | 25.6 | 17.8 | 15.9 | 14.3 | 9.7 |
| 13 Horses | 1.4 | 1.4 | 1.2 | 1.4 | .8 | 1.6 | 2.1 | .7 | .5 |
| 14 Food & Supplies | 7.8 | 4.8 | 5.4 | 5.5 | 6.5 | 6.3 | 5.9 | 8.0 | 5.2 |
| 15 Returns \$100 Investment | 23.08 | 15.70 | 16.92 | 18.18 | 30.44 | 20.41 | 29.88 | 30.20 | 24.01 |
| 16 Expenses \$100 Investment | 22.72 | 13.51 | 13.23 | 17.46 | 25.72 | 25.88 | 20.98 | 22.69 | 19.62 |

Table 6

Distribution of Investment

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Total Investment per Farm)

| 6 | 5 | 3 | 1 | 13 | 2 | 15 | 18 | 14 | 19 | 12 | 11 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 703 | 1053 | 1118 | 1032 | -277 | 1199 | 1501 | 558 | 1274 | 1461 | 1883 | 1976 | 976 | 1 |
| 20599 | 18402 | 17230 | 17220 | 17034 | 15200 | 13248 | 12599 | 12274 | 12182 | 8617 | 7524 | 20344 | 2 |
| 7700 | 4056 | 4550 | 6220 | 6138 | 6820 | 2600 | 3687 | 3960 | 3970 | 2420 | 1890 | 7867 | 3 |
| 7219 | 9024 | 7373 | 5691 | 5878 | 4903 | 5461 | 4281 | 4000 | 4025 | 3675 | 3195 | 6376 | 4 |
| 1365 | 1147 | 2190 | 715 | 1126 | 733 | 1604 | 1073 | 1006 | 1228 | 551 | 335 | 1402 | 5 |
| 3504 | 2530 | 1646 | 3204 | 2911 | 1642 | 2432 | 2519 | 1966 | 1566 | 1177 | 1227 | 3050 | 6 |
| 90 | 380 | 258 | 230 | 260 | 250 | 123 | 80 | 202 | 160 | 195 | 215 | 269 | 7 |
| 721 | 1265 | 1213 | 1160 | 721 | 852 | 1028 | 959 | 1140 | 1233 | 599 | 662 | 1300 | 8 |
| 37.5 | 22.0 | 26.4 | 36.3 | 36.1 | 44.9 | 19.7 | 29.3 | 32.3 | 32.6 | 28.0 | 25.0 | 38.7 | 9 |
| 35.0 | 49.1 | 42.8 | 33.0 | 34.5 | 32.3 | 41.2 | 34.0 | 32.6 | 33.0 | 42.6 | 42.5 | 31.3 | 10 |
| 6.6 | 6.2 | 12.7 | 4.1 | 6.6 | 4.8 | 12.1 | 8.5 | 8.2 | 10.1 | 6.4 | 4.5 | 7.3 | 11 |
| 17.0 | 13.7 | 9.6 | 18.6 | 17.1 | 10.8 | 18.3 | 20.0 | 16.0 | 12.9 | 13.7 | 16.3 | 15.0 | 12 |
| .4 | 2.1 | 1.5 | 1.3 | 1.5 | 1.6 | .9 | .6 | 1.6 | 1.3 | 2.3 | 2.9 | 1.3 | 13 |
| 3.5 | 6.9 | 7.0 | 6.7 | 4.2 | 5.6 | 7.8 | 7.6 | 9.3 | 10.1 | 7.0 | 8.8 | 6.4 | 14 |
| 19.75 | 23.53 | 24.02 | 22.51 | 24.55 | 27.10 | 44.16 | 31.98 | 28.06 | 42.16 | 40.38 | 45.01 | 25.72 | 15 |
| 16.33 | 17.80 | 17.53 | 16.52 | 26.18 | 19.21 | 32.04 | 27.56 | 17.69 | 30.17 | 18.53 | 18.75 | 20.92 | 16 |

Table 7

Returns per \$1.00 Expense

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Labor Income per Farm)

| Farm Number | 11 | 12 | 17 | 15 | 19 | 9 | 14 | 2 | 8 | 3 |
|----------------------|------|------|------|------|------|------|------|------|------|------|
| 1 Labor Income | 1976 | 1833 | 1654 | 1501 | 1461 | 1289 | 1274 | 1199 | 1179 | 1118 |
| Total Farm Business | | | | | | | | | | |
| 2 Total Income, \$ | 3387 | 3480 | 6605 | 5851 | 5136 | 8309 | 3444 | 4119 | 5409 | 4139 |
| 3 Total Expense, \$ | 1411 | 1597 | 4950 | 4350 | 3675 | 7020 | 2171 | 2920 | 4230 | 3021 |
| 4 Income ÷ Expense | 2.40 | 2.18 | 1.33 | 1.34 | 1.40 | 1.18 | 1.59 | 1.41 | 1.28 | 1.37 |
| Milk Herd | | | | | | | | | | |
| 5 Total Income, \$ | 1944 | 2230 | 2279 | 2728 | 2771 | 3714 | 1832 | 2416 | 2685 | 2160 |
| 6 Total Expense, \$ | 1309 | 1594 | 2048 | 2318 | 1809 | 3947 | 1611 | 1590 | 2375 | 1610 |
| 7 Income ÷ Expense | 1.48 | 1.43 | 1.11 | 1.18 | 1.53 | .94 | 1.14 | 1.52 | 1.13 | 1.34 |
| Hogs | | | | | | | | | | |
| 8 Total Income, \$ | 83 | 81 | 1038 | 11 | 125 | 333 | 84 | 4 | 45 | ---- |
| 9 Total Expense, \$ | 97 | 140 | 1203 | 112 | 167 | 394 | 160 | 46 | 198 | ---- |
| 10 Income ÷ Expense | .86 | .58 | .86 | .10 | .75 | .84 | .53 | .08 | .23 | ---- |
| Poultry | | | | | | | | | | |
| 11 Total Income, \$ | ---- | ---- | 396 | 905 | 120 | 272 | 180 | 52 | 285 | 54 |
| 12 Total Expense, \$ | ---- | ---- | 318 | 933 | 84 | 369 | 190 | 115 | 292 | 216 |
| 13 Income ÷ Expense | ---- | ---- | 1.25 | .97 | 1.42 | .74 | .95 | .45 | .97 | .25 |
| Corn Silage | | | | | | | | | | |
| 14 Total Income, \$ | 300 | 170 | 553 | 243 | 215 | 574 | 268 | 220 | 376 | 300 |
| 15 Total Expense, \$ | 237 | 167 | 531 | 250 | 317 | 581 | 205 | 353 | 392 | 298 |
| 16 Income ÷ Expense | 1.27 | 1.02 | 1.04 | .97 | .68 | .99 | 1.30 | .62 | .96 | 1.01 |
| Oats | | | | | | | | | | |
| 17 Total Income, \$ | 240 | ---- | 467 | 144 | 471 | 444 | 642 | 314 | 663 | 459 |
| 18 Total Expense, \$ | 164 | ---- | 405 | 129 | 376 | 343 | 382 | 238 | 594 | 327 |
| 19 Income ÷ Expense | 1.47 | ---- | 1.15 | 1.12 | 1.25 | 1.30 | 1.68 | 1.32 | 1.12 | 1.40 |
| Barley | | | | | | | | | | |
| 20 Total Income, \$ | 52 | 106 | 202 | 171 | 60 | 283 | 167 | 139 | 334 | 364 |
| 21 Total Expense, \$ | 40 | 143 | 186 | 133 | 69 | 235 | 106 | 192 | 359 | 206 |
| 22 Income ÷ Expense | 1.31 | .74 | 1.09 | 1.29 | .89 | 1.20 | 1.57 | .72 | .93 | 1.47 |
| Mixed Hay | | | | | | | | | | |
| 23 Total Income, \$ | 324 | 392 | 900 | 487 | 441 | 732 | 650 | 476 | 733 | 461 |
| 24 Total Expense, \$ | 205 | 204 | 407 | 261 | 149 | 511 | 305 | 262 | 525 | 227 |
| 25 Income ÷ Expense | 1.14 | 1.33 | 2.41 | 1.86 | 2.96 | 1.43 | 2.13 | 1.02 | 1.40 | 2.03 |

Table 7

Returns per \$1.00 Expense

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Labor Income per Farm)

| 5 | 1 | 10 | 4 | 6 | 21 | 18 | 7 | 16 | 20 | 13 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|--------|----|
| 1053 | 1031 | 923 | 705 | 703 | 676 | 558 | 228 | 216 | 141 | -277 | 976 | 1 |
| 4239 | 3877 | 5048 | 5055 | 4068 | 7584 | 4030 | 5705 | 7187 | 8925 | 4183 | 5232 | 2 |
| 3276 | 2845 | 4125 | 4350 | 3365 | 6908 | 3472 | 5477 | 6970 | 8784 | 4460 | 4256 | 3 |
| 1.29 | 1.36 | 1.22 | 1.16 | 1.21 | 1.10 | 1.16 | 1.04 | 1.03 | 1.02 | .94 | 1.23 | 4 |
| 3040 | 2213 | 1799 | 2111 | 1970 | 3256 | 1932 | 2922 | 2985 | 3868 | 1964 | 2518 | 5 |
| 2540 | 2084 | 1354 | 2740 | 1851 | 2990 | 1996 | 2932 | 2846 | 3981 | 2132 | 2269 | 6 |
| 1.20 | 1.06 | 1.33 | .77 | 1.06 | 1.09 | .97 | 1.00 | 1.05 | .97 | .92 | 1.11 | 7 |
| ---- | 160 | 44 | 233 | ---- | 151 | 64 | 696 | 199 | 82 | 109 | 197 | 8 |
| ---- | 220 | 97 | 487 | ---- | 223 | 114 | 1175 | 320 | 104 | 165 | 301 | 9 |
| ---- | .72 | .45 | .48 | ---- | .68 | .56 | .59 | .62 | .78 | .66 | .65 | 10 |
| ---- | 220 | 536 | 89 | 77 | 68 | 185 | 131 | 357 | 212 | 268 | 245 | 11 |
| ---- | 132 | 445 | 123 | 111 | 69 | 176 | 169 | 518 | 262 | 282 | 267 | 12 |
| ---- | 1.67 | 1.20 | .72 | .69 | .98 | 1.05 | .77 | .69 | .81 | .95 | .92 | 13 |
| 145 | 528 | 252 | 330 | 248 | 295 | 290 | 470 | 395 | 842 | 293 | 348 | 14 |
| 305 | 514 | 498 | 267 | 297 | 395 | 287 | 676 | 446 | 1228 | 396 | 411 | 15 |
| .48 | 1.03 | .51 | 1.24 | .83 | .75 | 1.01 | .70 | .89 | .69 | .74 | .85 | 16 |
| 200 | 301 | 433 | 884 | 303 | 139 | 186 | 711 | 407 | 321 | 166 | 376 | 17 |
| 225 | 228 | 369 | 702 | 303 | 192 | 197 | 787 | 493 | 362 | 221 | 335 | 18 |
| .89 | 1.32 | 1.17 | 1.25 | 1.00 | .72 | .94 | .90 | .83 | .88 | .75 | 1.12 | 19 |
| ---- | 349 | ---- | 368 | ---- | ---- | 213 | 158 | 226 | 616 | 196 | 190.69 | 20 |
| ---- | 313 | ---- | 345 | ---- | ---- | 231 | 202 | 273 | 542 | 142 | 177.01 | 21 |
| ---- | 1.12 | ---- | 1.07 | ---- | ---- | .92 | .78 | .83 | 1.14 | 1.38 | 1.08 | 22 |
| 565 | 312 | 618 | 532 | 168 | 801 | 386 | 643 | 448 | 637 | 317 | 529 | 23 |
| 422 | 251 | 355 | 240 | 185 | 719 | 277 | 630 | 256 | 642 | 226 | 353 | 24 |
| 1.34 | 1.24 | 1.74 | 2.22 | .91 | 1.11 | 1.39 | 1.02 | 1.75 | .99 | 1.41 | 1.50 | 25 |

Table 8

Utilization of Man Labor

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Total Hours of Man Labor on Farm)

| Farm Number | 16 | 20 | 4 | 13 | 8 | 15 | 7 | 9 | 21 |
|-----------------------------|-------|-------|------|------|------|------|-------|------|------|
| 1 Crop Acres in Farm | 74.4 | 117.6 | 76.9 | 62.2 | 71.9 | 34.1 | 158.8 | 53.5 | 96.3 |
| 2 Livestock (except Horses) | 31.5 | 47.2 | 36.7 | 17.0 | 32.4 | 20.1 | 29.7 | 27.1 | 30.4 |
| 3 Hours Man Labor on Farm | 10819 | 9317 | 7860 | 7250 | 7073 | 6686 | 6678 | 6452 | 6011 |
| Hours Man Labor per | | | | | | | | | |
| 4 Cow | 295 | 189 | 227 | 238 | 148 | 263 | 162 | 145 | 143 |
| 5 Heifer | 25 | 41 | 25 | 47 | 30 | 52 | 9 | 26 | 16 |
| 6 Calf | 54 | 47 | 38 | 52 | 44 | 58 | 32 | 37 | 29 |
| 7 Bull | 157 | 99 | 107 | 143 | 110 | 132 | 63 | 89 | 140 |
| 8 Horse | 95 | 116 | 67 | 93 | 63 | 121 | 61 | 135 | 73 |
| Hours Man Labor per | | | | | | | | | |
| Crop Acre | | | | | | | | | |
| Corn Silage | | | | | | | | | |
| 9 With Tractor | 20.3 | 17.7 | --- | --- | 26.4 | 22.4 | 16.1 | 46.0 | --- |
| 10 Without Tractor | --- | --- | 23.5 | 36.6 | --- | --- | --- | --- | 24.4 |
| Oats | | | | | | | | | |
| 11 With Tractor | 9.1 | 5.2 | --- | --- | 11.6 | 16.6 | 10.5 | 15.8 | --- |
| 12 Without Tractor | --- | --- | 14.6 | 8.7 | --- | --- | --- | --- | 13.5 |
| Barley | | | | | | | | | |
| 13 With Tractor | 24.3 | 9.7 | --- | --- | 21.9 | 20.0 | 6.8 | 16.5 | --- |
| 14 Without Tractor | --- | --- | 17.7 | 14.0 | --- | --- | --- | --- | --- |
| Potatoes | | | | | | | | | |
| 15 With Tractor | 92.6 | --- | --- | --- | --- | --- | 4.8 | 63.7 | --- |
| 16 Without Tractor | --- | --- | 38.7 | 63.9 | --- | --- | --- | --- | 25.1 |
| Alfalfa | | | | | | | | | |
| 17 With Tractor | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 Without Tractor | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mixed Hay | | | | | | | | | |
| 19 With Tractor | 12.1 | 8.1 | --- | --- | 12.6 | 11.9 | 4.3 | 14.0 | --- |
| 20 Without Tractor | --- | --- | 10.0 | 9.5 | --- | --- | --- | --- | 7.3 |
| Average Number Men | 3.29 | 2.82 | 2.39 | 2.20 | 2.14 | 2.03 | 2.02 | 1.95 | 1.82 |

Table 3

Utilization of Man Labor

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Total Hours of Man Labor on Farm)

| 19 | 5 | 1 | 17 | 18 | 14 | 6 | 12 | 11* | 2* | 3 | 10 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 38.2 | 39.1 | 49.6 | 64.6 | 42.4 | 55.9 | 49.1 | 28.5 | 31.6 | 48.7 | 53.2 | 65.1 | 63.3 | 1 |
| 19.4 | 20.9 | 22.3 | 29.7 | 20.2 | 21.4 | 19.8 | 11.0 | 13.6 | 14.6 | 16.8 | 21.1 | 24.0 | 2 |
| 5620 | 5239 | 4310 | 4728 | 4597 | 4076 | 4021 | 3934 | 3028 | 3624 | 3777 | 3252 | 5707 | 3 |
| 101 | 137 | 220 | 120 | 104 | 176 | 141 | 215 | 156 | 150 | 146 | 118 | 174 | 4 |
| 27 | 40 | 34 | 13 | 26 | 10 | 26 | 62 | 8 | 14 | 30 | 43 | 25 | 5 |
| 24 | 46 | 38 | 18 | 38 | 25 | 49 | 92 | 31 | 16 | 31 | 20 | 38 | 6 |
| 45 | 119 | 75 | 60 | 189 | 100 | 84 | 78 | 81 | --- | --- | 92 | 101 | 7 |
| 77 | 146 | 71 | 56 | 88 | 61 | 73 | 74 | 117 | 74 | 121 | 70 | 85 | 8 |
| --- | --- | --- | 23.6 | 23.9 | --- | 15.4 | --- | 32.8 | 10.8 | 21.1 | 15.8 | 21.4 | 9 |
| 35.7 | 64.1 | 15.6 | --- | --- | 25.0 | --- | 25.3 | --- | --- | --- | --- | 29.0 | 10 |
| --- | --- | --- | 12.4 | 13.1 | --- | 17.0 | --- | 19.8 | 15.6 | 13.0 | 8.7 | 11.6 | 11 |
| 15.2 | 27.3 | 12.2 | --- | --- | 12.8 | --- | --- | --- | --- | --- | --- | 14.1 | 12 |
| --- | --- | --- | 14.5 | 14.0 | --- | --- | --- | 13.2 | 15.0 | 11.5 | --- | 14.7 | 13 |
| 30.5 | --- | 15.5 | --- | --- | 10.0 | --- | 15.4 | --- | --- | --- | --- | 16.0 | 14 |
| --- | --- | --- | 92.5 | 68.7 | --- | --- | --- | --- | 65.3 | 30.2 | 20.3 | 50.6 | 15 |
| 94.7 | 83.5 | 20.2 | --- | --- | 81.8 | --- | 98.4 | --- | --- | --- | --- | 66.4 | 16 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| --- | --- | --- | 13.9 | 8.5 | --- | 5.3 | --- | 14.2 | 6.9 | 4.2 | 6.2 | 9.0 | 19 |
| 14.1 | 12.0 | 5.9 | --- | --- | 7.0 | --- | 12.7 | --- | --- | --- | --- | 9.2 | 20 |
| 1.71 | 1.59 | 1.46 | 1.43 | 1.39 | 1.23 | 1.22 | 1.19 | 1.16 | 1.16 | 1.14 | .98 | 1.73 | |

* These men rented tractors

Table 9

Returns per Hour of Man Labor

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Returns per Hour of Labor on Milk Herd)

| Farm Number | 19 | 2 | 11 | 12 | 10 | 3 | 5 | 17 | 15 |
|--------------------------------|------|-------|------|------|------|-------|------|------|------|
| 1 Labor Income | 1461 | 1199 | 1976 | 1003 | 923 | 1110 | 1053 | 1654 | 1501 |
| 2 Hours Man Labor on Farm | 5620 | 3024 | 3820 | 3934 | 3252 | 3777 | 5239 | 4720 | 6606 |
| 3 Hours Worked by Operators | 3393 | 3474 | 2994 | 3715 | 2200 | 3375 | 2619 | 2003 | 3170 |
| Returns per Hour of | | | | | | | | | |
| 4 Man Labor - Whole Farm | .33 | .35 | .53 | .49 | .36 | .32 | .33 | .44 | .35 |
| Returns per Hour Man Labor on: | | | | | | | | | |
| 5 Milk Herd | 1.01 | .79 | .76 | .62 | .62 | .60 | .51 | .42 | .40 |
| 6 Hogs | -.05 | -1.26 | .14 | -.15 | -.42 | --- | --- | .41 | -.60 |
| 7 Poultry Flock | .61 | -.16 | --- | --- | .59 | -1.63 | --- | .55 | .23 |
| 8 Corn Silage | -.07 | -.32 | .54 | .29 | .78 | .28 | -.20 | .33 | .23 |
| 9 Oats | .70 | .36 | .87 | --- | .77 | .99 | .12 | .56 | .45 |
| 10 Barley | .13 | -.23 | .02 | -.24 | --- | 1.94 | --- | .44 | .64 |
| 11 Potatoes | .40 | 1.07 | --- | .36 | 1.20 | 1.06 | .83 | .22 | --- |
| 12 Mixed Hay | 2.42 | 2.77 | .44 | .89 | 2.29 | 3.99 | .90 | 2.40 | 1.44 |

Table 9

Returns per Hour of Man Labor

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Returns per Hour of Labor on Milk Hord)

| 8 | 21 | 14 | 6 | 1 | 16 | 7 | 20 | 10 | 13 | 9 | 4 | Av. | |
|------|------|------|------|------|-------|-------|------|------|------|------|------|------|----|
| 1179 | 676 | 1274 | 703 | 1031 | 216 | 228 | 141 | 553 | -277 | 1289 | 705 | 976 | 1 |
| 7073 | 6011 | 4076 | 4021 | 4010 | 10019 | 6678 | 9317 | 4597 | 7250 | 6452 | 7060 | 5707 | 2 |
| 3747 | 3729 | 3005 | 2801 | 3773 | 4409 | 3599 | 1964 | 3210 | 2650 | 3040 | 3447 | 3219 | 3 |
| .29 | .20 | .36 | .26 | .29 | .19 | .14 | .17 | .19 | .14 | .26 | .22 | .27 | 4 |
| .30 | .30 | .38 | .34 | .33 | .30 | .27 | .24 | .24 | .20 | .17 | .09 | .38 | 5 |
| -.48 | -.31 | -.23 | --- | -.10 | -.18 | -1.21 | -.07 | -.08 | -.17 | -.13 | -.04 | -.42 | 6 |
| .24 | .25 | .22 | -.11 | .00 | .06 | -.03 | -.04 | .31 | .23 | -.29 | .22 | .19 | 7 |
| .21 | -.04 | .67 | -.17 | .34 | .09 | -.15 | -.34 | .20 | .03 | .26 | .56 | .05 | 8 |
| .50 | -.36 | 1.37 | .27 | 1.00 | -.04 | .10 | -.21 | .16 | -.18 | .76 | .64 | .49 | 9 |
| .18 | --- | 1.30 | --- | .50 | .07 | -.27 | .60 | .13 | .90 | .63 | .36 | .40 | 10 |
| --- | --- | .45 | --- | .56 | .01 | .67 | --- | .48 | .16 | -.06 | -.71 | .42 | 11 |
| .98 | .52 | 2.47 | -.01 | 1.34 | 1.23 | .33 | .24 | 1.05 | .91 | 1.07 | 2.51 | 1.01 | 12 |

Table 10

Utilization of Horse & Tractor Work

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Cost of Horse Work per Hour)

| 14 | 5 | 12 | 2 | 1 | 6 | 18 | 3 | 16 | 20 | 15 | 10 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 55.9 | 39.1 | 28.53 | 48.7 | 49.62 | 49.1 | 42.44 | 53.2 | 74.37 | 117.6 | 34.1 | 65.14 | 63.20 | 1 |
| 3.12 | 2.00 | 3.00 | 3.00 | 4.00 | 2.00 | 2.07 | 2.00 | 4.83 | 6.00 | 2.11 | 2.62 | 3.17 | 2 |
| --- | --- | --- | --- | --- | 24.6 | 20.5 | 26.6 | 15.4 | 19.60 | 16.2 | 24.9 | 23.03 | 3 |
| 17.9 | 19.6 | 9.51 | 16.2 | 12.41 | --- | --- | --- | --- | --- | --- | --- | 16.18 | 4 |
| --- | --- | --- | --- | --- | 15.04 | 15.92 | 17.04 | 17.29 | 17.45 | 17.70 | 22.63 | 15.20 | 5 |
| 14.04 | 14.04 | 14.51 | 14.03 | 14.90 | --- | --- | --- | --- | --- | --- | --- | 12.00 | 6 |
| --- | --- | --- | --- | --- | 7.97 | 7.56 | 7.67 | 8.03 | 8.13 | 7.77 | 6.29 | 6.70 | 7 |
| 4.02 | 7.47 | 9.60 | 6.73 | 7.07 | --- | --- | --- | --- | --- | --- | --- | 5.50 | 8 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 48.3 | 78.8 | 16.0 | 33.1 | 33.0 | 20.5 | 31.5 | 36.3 | 39.2 | 30.1 | 37.6 | 16.5 | 40.00 | 9 |
| --- | --- | --- | 1.0 | --- | 2.6 | 3.0 | 2.7 | --- | .5 | .5 | 5.1 | 2.75 | 10 |
| 25.6 | 35.0 | --- | 29.5 | 20.9 | 10.2 | 15.3 | 11.6 | 11.6 | 11.6 | 11.2 | 5.4 | 17.93 | 11 |
| --- | --- | --- | --- | --- | 4.2 | 2.4 | .8 | .6 | --- | 4.3 | 3.2 | 2.12 | 12 |
| 17.0 | --- | 28.9 | 36.8 | 22.4 | --- | 14.7 | 10.7 | 30.5 | 13.4 | 16.9 | --- | 20.25 | 13 |
| --- | --- | --- | --- | --- | --- | 1.7 | .7 | .6 | --- | 1.1 | --- | 1.75 | 14 |
| 56.3 | 79.3 | 58.5 | 7.4 | 18.7 | --- | 43.7 | 30.3 | 35.0 | --- | --- | 11.7 | 41.50 | 15 |
| --- | --- | --- | --- | --- | --- | --- | 1.1 | --- | --- | --- | 3.5 | 2.36 | 16 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 11.9 | 14.7 | 12.8 | 12.0 | 12.3 | 5.7 | 10.3 | 7.3 | 14.0 | 13.0 | 13.3 | 7.0 | 11.63 | 19 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | .3 | 2.10 | 20 |

Table 11

Tractor Costs per Hour

11 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Tractor Costs per Hour)

| Farm Number | 16 | 7 | 18 | 10 | 17 | 9 | 8 |
|-----------------------|-------|--------|--------|--------|--------|--------|--------|
| Cost Items | | | | | | | |
| 1 Fuel & Oil | 30.00 | 70.25 | 67.97 | 64.80 | 85.00 | 100.00 | 90.00 |
| 2 Repairs | .35 | 10.54 | 11.97 | ----- | ----- | ----- | 3.50 |
| 3 Man Labor | 6.21 | 13.10 | 7.56 | 3.51 | ----- | 1.62 | 2.02 |
| 4 Building Charge | 1.84 | 5.53 | 1.27 | 3.68 | 3.50 | ----- | 3.54 |
| 5 Depreciation | ----- | 60.00 | 15.00 | 100.00 | 100.00 | 25.00 | 50.00 |
| 6 Insurance | .49 | .75 | .32 | .71 | .78 | .32 | .78 |
| 7 Interest | 24.34 | 12.65 | 15.53 | 24.74 | 44.00 | 22.00 | 42.62 |
| 8 Other Costs | ----- | .12 | ----- | ----- | ----- | ----- | ----- |
| 9 Total Costs | 63.23 | 172.94 | 119.62 | 197.64 | 233.28 | 148.94 | 192.46 |
| 10 Hours Tractor Used | 97.00 | 239.25 | 151.00 | 223.00 | 244.00 | 136.00 | 170.25 |
| 11 Cost. per Hour, \$ | .65 | .72 | .79 | .89 | .96 | 1.10 | 1.13 |

Table 11

Tractor Costs per Hour

11 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Tractor Costs per Hour)

| 15 | 3 | 6 | 20 | Av. | |
|-------|--------|--------|--------|--------|----|
| 17.00 | 30.84 | 95.77 | 50.60 | 63.73 | 1 |
| ----- | 5.50 | 5.60 | 2.60 | 3.66 | 2 |
| 3.78 | 2.70 | 4.59 | 1.89 | 4.25 | 3 |
| .65 | 9.04 | 2.40 | 4.24 | 3.22 | 4 |
| 5.00 | 70.00 | 100.00 | 50.00 | 52.15 | 5 |
| ----- | 1.00 | .79 | 1.05 | .59 | 6 |
| 2.61 | 36.57 | 24.75 | 9.63 | 23.44 | 7 |
| ----- | ----- | ----- | ----- | ----- | 8 |
| 29.04 | 155.73 | 233.90 | 120.01 | 151.04 | 9 |
| | | | | | |
| 23.50 | 120.00 | 171.00 | 37.00 | 146.60 | 10 |
| 1.24 | 1.30 | 1.37 | 3.24 | 1.03 | 11 |

Table 12

Production and Utilization of Feed Crops

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Feed Crop Acres per Head of Livestock)

| Farm Number | Crop Acres | Feed Crop Acres | Feed Crop Acres per Head Livestock | Feed Crop Yields | | | | |
|----------------|---------------|--------------------|---------------------------------------|------------------|------|--------|-----------|------|
| | | | | Silage | Oats | Barley | Mixed Hay | |
| 1 | 7 | 158.8 | 154.1 | 4.57 | 3.07 | 26.22 | 15.47 | .89 |
| 2 | 21 | 96.3 | 92.4 | 2.68 | 4.44 | 33.23 | ----- | 1.22 |
| 3 | 3 | 53.2 | 45.5 | 2.42 | 7.28 | 49.86 | 49.52 | 2.07 |
| 4 | 13 | 62.2 | 49.8 | 2.32 | 4.96 | 18.54 | 38.52 | 1.37 |
| 5 | 2 | 48.7 | 39.6 | 2.26 | 3.43 | 56.79 | 22.86 | 2.74 |
| 6 | 14 | 55.9 | 53.0 | 2.16 | 8.49 | 50.54 | 30.05 | 1.93 |
| 7 | 10 | 65.1 | 50.3 | 2.13 | 3.34 | 46.58 | ----- | 2.11 |
| 8 | 11 | 31.6 | 31.6 | 2.02 | 8.45 | 56.09 | 37.06 | 1.38 |
| 9 | 8 | 71.9 | 71.9 | 2.01 | 7.87 | 35.93 | 29.05 | 2.21 |
| 10 | 16 | 74.4 | 70.0 | 1.92 | 5.14 | 18.21 | 26.15 | 1.97 |
| 11 | 17 | 64.6 | 62.5 | 1.91 | 7.18 | 38.72 | 34.44 | 3.63 |
| 12 | 12 | 28.5 | 26.7 | 1.90 | 7.39 | ----- | 25.96 | 2.04 |
| 13 | 18 | 42.4 | 42.2 | 1.89 | 6.74 | 32.80 | 27.10 | 1.64 |
| 14 | 4 | 76.9 | 73.7 | 1.81 | 7.25 | 36.47 | 27.58 | 2.92 |
| 15 | 9 | 53.5 | 52.3 | 1.79 | 9.74 | 50.15 | 40.34 | 2.67 |
| 16 | 20 | 117.6 | 90.4 | 1.70 | 4.54 | 29.03 | 37.13 | 2.31 |
| 17 | 1 | 49.6 | 42.3 | 1.61 | 7.22 | 61.55 | 38.51 | 2.07 |
| 18 | 19 | 38.2 | 34.3 | 1.54 | 5.18 | 48.61 | 35.0 | 3.23 |
| 19 | 15 | 34.1 | 34.1 | 1.53 | 5.82 | 43.80 | 39.22 | 2.11 |
| 20 | 6 | 49.1 | 30.9 | 1.42 | 6.58 | 40.23 | ----- | 1.02 |
| 21 | 5 | 39.1 | 30.5 | 1.33 | 5.47 | 44.22 | ----- | 2.13 |
| Average | | 62.5 | 56.1 | 2.07 | 5.60 | 37.24 | 31.63 | 1.92 |

Table 12

Production and Utilization of Feed Crops

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Feed Crop Acres per Head of Livestock)

| | Returns per \$1.00 Food | | | | |
|--|-------------------------|-------|-------|---------|----|
| | Cows | Hogs | Sheep | Poultry | |
| | 1.79 | .71 | ----- | 1.17 | 1 |
| | 2.42 | 1.14 | ----- | 2.84 | 2 |
| | 3.00 | ----- | ----- | .52 | 3 |
| | 2.21 | .94 | ----- | 1.81 | 4 |
| | 3.82 | .12 | ----- | 1.27 | 5 |
| | 2.88 | .91 | ----- | 1.63 | 6 |
| | 3.20 | .66 | ----- | 1.76 | 7 |
| | 3.11 | 1.76 | ----- | ----- | 8 |
| | 3.35 | .35 | ----- | 1.55 | 9 |
| | 3.58 | .92 | 5.17 | 1.56 | 10 |
| | 2.15 | 1.06 | ----- | 2.35 | 11 |
| | 3.16 | .93 | ----- | ----- | 12 |
| | 2.82 | 1.02 | ----- | 1.92 | 13 |
| | 2.23 | .63 | 1.18 | 1.23 | 14 |
| | 2.38 | 1.06 | ----- | 1.30 | 15 |
| | 1.90 | 1.10 | 1.65 | 1.25 | 16 |
| | 2.20 | 1.00 | 3.74 | 4.30 | 17 |
| | 3.18 | 1.33 | ----- | 1.81 | 18 |
| | 2.91 | .13 | ----- | 1.52 | 19 |
| | 2.48 | ----- | ----- | 1.57 | 20 |
| | 2.39 | ----- | ----- | ----- | 21 |
| | Average | | | | |
| | 2.57 | .88 | 1.82 | 1.61 | |

Costs of Keeping a Cow for a Year

The average yearly cost of keeping a cow, after deducting credits for manure and appreciation of the herd, was \$147.48. The range in costs was from \$96.42 to \$228.10 per cow (Table 13).

Feed (including pasture) and labor were the two largest items of cost, amounting to 75 per cent of the gross cost. Feed cost made up 48 per cent of this cost, labor 27 per cent, and other costs 25 per cent. "Other costs" included depreciation, interest, taxes, insurance, building cost, equipment, veterinary, medicine, bull charge, milk hauling, miscellaneous, and overhead (Table 13).

The average production per cow was 7036 pounds of milk and 283 pounds of butterfat. Milk production varied from 4638 to 10,546 pounds per cow, while butterfat production varied from 208 to 381 pounds per cow.

Feed and Labor per Cow

The following amounts of feed per cow were consumed during the year by the dairy herds of these 21 Barron County farms:-

| | |
|---------------------------------------|------|
| Concentrates, lbs..... | 2047 |
| Dry Roughage (Hay), lbs..... | 2729 |
| Succulent Roughage (Silage), lbs..... | 6866 |
| Mineral Feed, lbs..... | 8 |
| Salt, lbs..... | 23 |
| Skim Milk, lbs..... | 63 |
| Pasture Days | 158 |
| Straw (for bedding) lbs..... | 600 |

174 hours of man labor were required to take care of a cow for a year. This is equivalent to about 17½ days labor for each cow in the herd.

Costs per Pound of Butterfat

The net cost of producing a pound of butterfat, after deducting credits for manure and appreciation, was 52.4 cents. The net receipts were 62.4 cents, of which 59 cents were from the sale of butterfat. These farmers made, on an average, 10 cents profit on each pound of butterfat produced.

The variation in the costs of producing a pound of butterfat was from 34.3 cents on Farm 11 to 73.4 cents on Farm 4. The low cost on Farm 11 was due to more than average credits for appreciation and manure. The high cost on Farm 4 was due to a low production per cow, and higher than average costs for man labor, depreciation, taxes, and insurance.

Low costs of production per pound of fat are usually the result of high production per cow. For instance, those farmers with a production per cow greater than average, had costs averaging 49.6 cents per pound of fat, while those farms with a production per cow less than average, had costs averaging 55 cents per pound of fat.

High production, however, if obtained at too great a cost per cow, will result in high costs per pound of butterfat. Good examples of this are found on farms 1 and 9. Good productions of butterfat per cow were obtained on both of these farms, but very high costs per cow made the costs per pound of butterfat higher than average.

Food and Labor per Pound of Butterfat

The following amounts of feed and labor were required to produce a pound of butterfat (Table 16).

| | |
|---------------------------------------|------|
| Concentrates, lbs. ----- | 7.2 |
| Dry Roughage, (Hay), lbs. ----- | 10.5 |
| Succulent Roughage, (Silage), lbs. -- | 24.2 |
| Pasture Days ----- | .6 |
| Labor, minutes ----- | 36.0 |

The cows on farms 1, 7, and 20 (Table 16), received very heavy concentrate rations. They also produced large amounts of milk and butterfat. A larger profit probably would have been made had these cows received somewhat less grain.

Cost of Heifers

It cost those Barron County farmers \$105.74 to raise a two-year old heifer. The cost for the first year (Table 19) was \$56.36, and the cost for the second year (Table 17) was \$49.38. The principal items of cost were:-

| | <u>1st Year</u> | <u>2nd Year</u> | <u>Total</u> |
|------------------------|-----------------|-----------------|--------------|
| Feed | \$38.50 | \$28.85 | \$67.35 |
| Labor | 10.16 | 6.67 | 16.83 |
| Other Costs | 11.53 | 18.52 | 30.05 |
| Gross Costs | \$60.19 | \$54.04 | \$114.23 |
| Less Credit for Manure | 3.83 | 4.66 | 8.49 |
| Net Cost of Heifers | \$56.36 | \$49.38 | \$105.74 |

The amounts of feed required to raise a two-year old heifer in Barron County were:-

| | <u>1st Year</u> | <u>2nd Year</u> | <u>Total</u> |
|-----------------------------------|-----------------|-----------------|--------------|
| Concentrates, lbs. | 356 | 251 | 607 |
| Whole Milk, lbs. | 558 | 10 | 568 |
| Skim Milk, lbs. | 1775 | 193 | 1968 |
| Powdered Milk, lbs. | 26 | --- | 26 |
| Dry Roughage (Hay), lbs. | 1147 | 2120 | 3267 |
| Succulent Roughage (Silage), lbs. | 677 | 3419 | 4096 |
| Salt, lbs. | 6 | 18 | 24 |
| Pasture Days | 88 | 162 | 250 |

In addition to the above 63 hours of man labor were required to care for the heifers during the two years.

Cost of Bulls

The average bull cost was \$115.96 for the year. This entire cost was charged against the milk herd, amounting to a charge of \$5.47 per cow.

Pork Production

Eighteen of the 21 Barron County farmers kept hogs. On none of these farms was pork production profitable. The average net cost per hundredweight was \$13.25, while the net receipts were \$8.65 (Table 23).

Several of the farms, such as numbers 2, 8, and 15, had excessive food costs that made profits impossible. The labor cost on many farms was also much too high.

Hog production on these farms was a very minor enterprise. Only farms 7 and 17 produced any considerable number for sale.

Horse Costs

The net cost of keeping a horse for a year was \$97.52. The main items of cost and credit were:-

| | |
|----------------------------------|----------|
| Food and Pasture | \$54.94 |
| Man Labor | 23.04 |
| Depreciation | 10.30 |
| Other Costs | 19.92 |
| Gross Cost | \$108.20 |
| Credit for Manure & Appreciation | 10.68 |
| Net Cost. | 97.52 |

The horses in this area worked 717 hours a year which made the average cost of horse work 13.6 cents per hour.

The cost of horse work per hour varied from 8.3 cents to 22.6 cents. The high cost on Farm 20 of 17.4 cents per hour was due to a very heavy feed cost. The cost of 22.6 cents on Farm 10 was due to the few hours of work done per horse. In general, the farms on which the horses were worked over 700 hours yearly had reasonably low horse work costs.

The Poultry Flock

Eighteen of the 21 farms kept poultry. A profit was realized from the poultry flock on only 5 of these farms (Table 27). The amounts of feed consumed by the poultry is shown in Table 28.

Table 13

Milk Herd - Analysis of Costs per Cow

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Cow)

| Farm Number | 11 | 10 | 8 | 14 | 19 | 6 | 3 | 5 |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Number of Cows | 8.36 | 10.73 | 19.80 | 11.05 | 12.73 | 11.89 | 11.35 | 15.45 |
| Production | | | | | | | | |
| Milk, lbs. | 6085.7 | 5553.0 | 4925.5 | 6163.5 | 7678.0 | 4637.7 | 8216.3 | 5887.2 |
| Butterfat, lbs. | 280.5 | 236.2 | 224.1 | 213.1 | 304.0 | 208.1 | 278.6 | 298.8 |
| Labor Cost | | | | | | | | |
| Man Labor, \$ | 42.14 | 31.91 | 39.95 | 47.62 | 27.38 | 38.10 | 39.45 | 37.10 |
| Horse Work | .10 | .21 | .30 | .18 | .05 | --- | .30 | --- |
| Feed | 74.81 | 52.28 | 40.45 | 57.79 | 68.38 | 66.71 | 63.45 | 82.27 |
| Pasture | 8.99 | 8.77 | 8.12 | 7.60 | 7.69 | 8.02 | 8.29 | 7.67 |
| Depreciation | --- | --- | --- | --- | --- | --- | --- | --- |
| Interest | 6.43 | 6.30 | 6.49 | 5.08 | 3.79 | 8.21 | 5.66 | 6.42 |
| Taxes & Insurance | .72 | 1.30 | .93 | .69 | .79 | 1.71 | .90 | 1.04 |
| Real Estate | 2.99 | 7.93 | 5.92 | 4.32 | 5.36 | 9.66 | 6.18 | 9.65 |
| Equipment | .31 | 2.28 | 4.51 | 2.74 | 4.68 | 5.71 | .67 | 2.69 |
| Veterinary & Medicine | .82 | --- | .26 | --- | .51 | 1.65 | .44 | .15 |
| Bull Charge | 4.38 | 8.95 | 6.44 | 4.07 | 1.64 | 2.73 | --- | 4.67 |
| Milk Hauling | 7.20 | --- | 1.06 | 8.61 | 11.40 | 4.82 | 10.96 | --- |
| Miscellaneous Cash | .85 | 1.67 | 2.02 | 4.72 | .37 | 5.11 | 2.03 | 5.83 |
| Overhead | 6.87 | 4.42 | 3.50 | 2.42 | 10.07 | 3.21 | 3.49 | 4.59 |
| Total Costs | 156.61 | 126.02 | 119.95 | 145.84 | 142.11 | 155.64 | 141.82 | 162.08 |
| Income | | | | | | | | |
| Butterfat | 172.88 | 143.89 | 121.47 | 137.58 | 194.19 | 132.04 | 178.16 | 170.15 |
| Skim Milk | 1.36 | 5.42 | 13.70 | --- | --- | 32.11 | --- | --- |
| Manure | 19.02 | 7.64 | 11.31 | 5.47 | 14.85 | 14.28 | 9.87 | 13.35 |
| Appreciation | 40.67 | 16.18 | 2.81 | 22.74 | 8.61 | 19.34 | 2.25 | 13.30 |
| Miscellaneous | --- | --- | --- | .80 | .72 | --- | --- | --- |
| Total Income | 233.93 | 173.13 | 149.29 | 166.59 | 218.37 | 197.77 | 190.28 | 196.80 |
| Profit per Cow | 77.32 | 47.11 | 29.34 | 20.75 | 76.26 | 42.13 | 48.46 | 34.72 |
| Net Cost per Cow | 96.92 | 102.20 | 105.83 | 116.83 | 117.93 | 122.02 | 129.70 | 135.43 |

Table 13

Milk Herd - Analysis of Costs per Cow
 21 Farms in Barron County, Wisconsin, 1927-28
 (Farms Ranked in Order of Net Cost per Cow)

| Farm Number | 17 | 2 | 15 | 7 | 12 | 21 | 16 |
|-----------------------|--------|--------|--------|--------|---------|--------|--------|
| Number of Cows | 13.24 | 10.65 | 12.01 | 16.83 | 9.05 | 16.29 | 15.52 |
| Production | 7873.8 | 7974.1 | 6781.2 | 7226.9 | 10545.8 | 7222.7 | 6132.1 |
| Milk, lbs. | 261.8 | 344.0 | 340.8 | 272.9 | 380.5 | 291.1 | 276.3 |
| Butterfat, lbs. | | | | | | | |
| Labor Cost | 32.35 | 40.50 | 71.13 | 43.78 | 58.09 | 38.60 | 79.73 |
| Man Labor, \$ | .37 | .08 | | .17 | | .10 | |
| Horse Work | 79.91 | 59.41 | 78.10 | 96.96 | 79.70 | 83.25 | 53.75 |
| Feed | 7.37 | 10.35 | 8.50 | 6.46 | 8.67 | 6.74 | 9.58 |
| Pasture | | .49 | | | | | |
| Depreciation | 6.32 | 6.53 | 6.33 | 6.76 | 5.76 | 9.50 | 7.24 |
| Interest | 1.47 | .61 | .80 | 1.36 | 1.05 | 2.59 | .83 |
| Taxes & Insurance | 5.11 | 10.04 | 6.18 | 5.77 | 3.29 | 5.27 | 5.86 |
| Real Estate | .75 | .07 | 2.00 | .99 | 5.80 | 5.05 | .52 |
| Equipment | .03 | .30 | .82 | .06 | 1.30 | | .82 |
| Veterinary & Medicine | 5.03 | | 7.57 | 4.39 | 1.47 | 7.25 | 6.50 |
| Bull Charge | | 11.56 | 1.81 | | | 6.72 | 5.39 |
| Milk Hauling | 8.46 | 1.42 | 3.66 | 4.17 | 4.75 | 13.34 | 4.98 |
| Miscellaneous Cash | 7.49 | 7.94 | 6.09 | 3.30 | 6.27 | 5.52 | 8.19 |
| Overhead | 154.66 | 149.30 | 192.99 | 174.19 | 176.15 | 183.93 | 183.39 |
| Total Costs | | | | | | | |
| Income | 155.69 | 219.09 | 175.89 | 142.65 | 220.92 | 170.86 | 163.04 |
| Butterfat | | | 21.58 | 29.92 | | 19.16 | 11.06 |
| Skim Milk | | | 7.16 | 12.36 | 9.95 | 11.23 | 6.99 |
| Manure | 6.38 | 7.75 | 44.11 | 18.59 | 20.99 | 17.78 | 22.33 |
| Appreciation | 10.04 | | | .37 | | 1.48 | |
| Miscellaneous | | | 248.74 | 203.89 | 251.86 | 220.51 | 203.42 |
| Total Income | 172.11 | 226.84 | 55.75 | 29.70 | 75.71 | 36.58 | 20.03 |
| Profit per Cow | 17.45 | 77.54 | 141.72 | 142.87 | 145.21 | 153.44 | 154.07 |
| Net Cost per Cow | 138.24 | 141.55 | | | | | |

Table 13
Milk Herd - Analysis of Costs per Cow
21 Farms in Barron County, Wisconsin, 1927-28
(Farms Ranked in Order of Net Cost per Cow)

| Farm Number | 18 | 4 | 1 | 20 | 13 | 9 | AV. |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|
| Number of Cows | 11.96 | 15.77 | 9.51 | 17.36 | 10.58 | 16.78 | 13.18 |
| Production | | | | | | | |
| Milk, lbs. | 7191.3 | 6104.2 | 8920.3 | 9274.9 | 8154.2 | 7167.6 | 6898.4 |
| Butterfat, lbs. | 236.2 | 226.9 | 303.9 | 340.1 | 277.0 | 360.7 | 282.6 |
| Labor Cost | | | | | | | |
| Man Labor, \$ | 49.70 | 61.27 | 59.32 | 50.92 | 63.89 | 39.16 | 47.02 |
| Horse Work | .98 | .54 | .39 | --- | .03 | .16 | .19 |
| Feed | 57.34 | 60.05 | 105.69 | 118.63 | 83.93 | 93.01 | 74.41 |
| Pasture | 7.87 | 6.68 | 8.31 | 7.80 | 7.17 | 7.04 | 7.89 |
| Depreciation | 17.36 | 7.09 | --- | --- | 8.58 | 30.02 | 3.32 |
| Interest | 6.79 | 8.52 | 10.93 | 6.84 | 8.51 | 13.74 | 7.36 |
| Taxes & Insurance | 1.52 | .80 | 1.28 | 2.65 | 1.30 | 2.33 | 1.33 |
| Real Estate | 2.12 | 9.86 | 4.35 | 6.80 | 7.29 | 7.46 | 6.40 |
| Equipment | .96 | 3.02 | .98 | .94 | .86 | 3.34 | 2.41 |
| Veterinary & Medicine | .62 | 1.64 | 1.63 | .14 | .15 | 2.85 | .67 |
| Bull Charge | 7.37 | 1.54 | 4.11 | 11.11 | 2.72 | 13.94 | 5.47 |
| Milk Hauling | --- | --- | 11.13 | 1.79 | 8.90 | 3.05 | 4.06 |
| Miscellaneous Cash | 7.14 | 4.41 | 4.63 | 10.03 | 1.21 | 8.80 | 5.09 |
| Overhead | 7.11 | 8.30 | 6.34 | 12.62 | 6.94 | 10.33 | 6.52 |
| Total Costs | 166.88 | 173.72 | 219.09 | 230.27 | 201.48 | 235.23 | 172.14 |
| Income | | | | | | | |
| Butterfat | 151.41 | 127.53 | 196.11 | 180.73 | 178.02 | 214.22 | 166.62 |
| Skim Milk | --- | 27.75 | --- | 24.73 | 1.94 | 8.56 | 9.57 |
| Manure | 9.57 | 6.33 | 17.67 | 18.15 | 7.56 | 7.13 | 10.63 |
| Appreciation | --- | --- | 18.93 | 23.90 | --- | --- | 13.68 |
| Miscellaneous | .59 | --- | --- | 2.50 | --- | --- | .35 |
| Total Income | 161.57 | 161.61 | 232.71 | 250.01 | 187.52 | 229.91 | 200.85 |
| Profit per Cow | -5.31 | -12.11 | 13.62 | 19.74 | -13.96 | -5.32 | 28.71 |
| Net Cost per Cow | 156.72 | 167.39 | 182.49 | 185.72 | 193.92 | 228.10 | 147.48 |

Table 14

Feed and Labor per Cow

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Butterfat Production per Cow)

| Farm Number | 12 | 9 | 2 | 15 | 20 | 1 | 19 | 5 | |
|-------------|----------------------|-------|-------|------|------|-------|-------|------|------|
| 1 | Number of Cows | 9.0 | 16.8 | 10.6 | 12.0 | 17.4 | 9.5 | 12.7 | 15.4 |
| 2 | Butterfat per Cow | 381 | 361 | 344 | 341 | 340 | 304 | 304 | 299 |
| 3 | Milk per Cow | 10546 | 7168 | 7974 | 6781 | 9275 | 8920 | 7678 | 5887 |
| 4 | Man Labor per Cow | 215 | 145 | 150 | 263 | 189 | 220 | 101 | 137 |
| | Concentrates per Cow | | | | | | | | |
| | Low Protein | | | | | | | | |
| 5 | Farm Grains # | 1157 | 1341 | 1079 | 992 | 2506 | 1776 | 1093 | 210 |
| 6 | Bran # | 531 | 720 | 55 | 766 | ---- | 551 | 355 | 122 |
| 7 | Other # | 16 | 194 | 280 | 356 | 356 | 649 | 30 | 1795 |
| 8 | Total # | 1704 | 2255 | 1414 | 2114 | 2862 | 2976 | 1478 | 2127 |
| | High Protein | | | | | | | | |
| 9 | Oil Meal # | 327 | 181 | 98 | 247 | 398 | 151 | 214 | 115 |
| 10 | Gluten # | 20 | 157 | ---- | ---- | ---- | 11 | ---- | ---- |
| 11 | Other # | 157 | 51 | 402 | 154 | 109 | 154 | 100 | 116 |
| 12 | Total # | 504 | 389 | 500 | 401 | 507 | 316 | 314 | 231 |
| | Dry Roughage | | | | | | | | |
| | Low Protein | | | | | | | | |
| 13 | Timothy # | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 14 | Corn Stover # | ---- | ---- | ---- | ---- | ---- | 332 | ---- | ---- |
| 15 | Other # | ---- | ---- | ---- | ---- | ---- | ---- | ---- | 248 |
| 16 | Total # | ---- | ---- | ---- | ---- | ---- | 332 | ---- | 248 |
| | High Protein | | | | | | | | |
| 17 | Alfalfa # | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 18 | Clover # | ---- | ---- | ---- | ---- | 353 | ---- | ---- | ---- |
| 19 | Mixed & Other # | 2727 | 2027 | 1904 | 2980 | 2446 | 2254 | 2193 | 2821 |
| 20 | Total # | 2727 | 2027 | 1904 | 2980 | 2799 | 2254 | 2193 | 2821 |
| | Succulent Roughage | | | | | | | | |
| 21 | Corn Silage # | 6683 | 10788 | 4008 | 4001 | 11258 | 11525 | 6165 | 4536 |
| 22 | Other # | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 23 | Total # | 6683 | 10788 | 4008 | 4001 | 11258 | 11525 | 6165 | 4536 |
| 24 | Straw # | 460 | 726 | 561 | 306 | 762 | 589 | 393 | 450 |
| 25 | Mineral Feed # | 8 | 5 | 9 | 10 | 1 | 10 | ---- | 19 |
| 26 | Salt # | 27 | 28 | 25 | 16 | 38 | 19 | 28 | 10 |
| 27 | Skim Milk # | ---- | ---- | ---- | ---- | 764 | ---- | ---- | ---- |
| 28 | Pasture Days | 173 | 152 | 207 | 170 | 156 | 166 | 154 | 153 |

Table 14

Food and Labor per Cow

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Butterfat Production per Cow)

| 21 | 11 | 13 | 3 | 16 | 7 | 17 | 10 | 18 | 4 | 8 | 14 | 6 | Av. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|
| 16.3 | 8.4 | 10.5 | 11.4 | 15.5 | 16.8 | 13.2 | 10.7 | 12.0 | 15.8 | 19.8 | 11.0 | 11.9 | 13.2 1 |
| 291 | 281 | 277 | 279 | 276 | 273 | 262 | 236 | 236 | 227 | 224 | 213 | 208 | 283 2 |
| 7223 | 6086 | 8154 | 8216 | 6132 | 7227 | 7874 | 5553 | 7191 | 6104 | 4926 | 6164 | 4636 | 6898 3 |
| 143 | 156 | 238 | 146 | 295 | 162 | 120 | 118 | 184 | 227 | 148 | 176 | 141 | 174 4 |
| 947 | 1010 | 1383 | 665 | 1171 | 1739 | 842 | 564 | 817 | 1248 | 589 | 765 | 1017 | 1178 5 |
| 680 | 421 | 281 | 7 | 163 | 444 | --- | --- | 74 | 76 | 47 | 194 | 201 | 265 6 |
| 454 | 415 | 271 | 28 | --- | 120 | 836 | 222 | 198 | 82 | 10 | 45 | 215 | 316 7 |
| 2081 | 1846 | 1935 | 700 | 1334 | 2303 | 1678 | 786 | 1089 | 1406 | 646 | 1004 | 1433 | 1759 8 |
| 399 | 193 | 173 | 75 | 82 | 160 | 147 | 7.0 | 136 | 76 | 44 | 74 | 84 | 163 9 |
| --- | --- | 256 | --- | --- | 109 | --- | --- | 24 | 13 | --- | --- | --- | 29 10 |
| 131 | 166 | 8 | 43 | 90 | 57 | 45 | --- | 40 | 19 | 51 | 36 | 206 | 96 11 |
| 530 | 359 | 437 | 118 | 172 | 326 | 192 | 7.0 | 200 | 108 | 95 | 110 | 290 | 288 12 |
| --- | --- | 1517 | --- | --- | 41.6 | --- | --- | --- | --- | --- | --- | --- | 60 13 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 365 | 303 | --- | --- | 58 14 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 15 |
| --- | --- | 1517 | --- | --- | 41.6 | --- | --- | --- | 365 | 303 | --- | --- | 132 16 |
| --- | --- | --- | --- | --- | --- | --- | 284 | --- | --- | --- | --- | 40 | 13 17 |
| --- | --- | --- | 3290 | --- | --- | --- | 368 | --- | --- | 283 | --- | --- | 189 18 |
| 2489 | 2637 | 1124 | 559 | 1745 | 2675 | 3330 | 2753 | 3491 | 2260 | 2625 | 2878 | 2117 | 2395 19 |
| 2489 | 2637 | 1124 | 3849 | 1745 | 2675 | 3330 | 3345 | 3491 | 2260 | 2908 | 2878 | 2157 | 2597 20 |
| 5704 | 7080 | 8749 | 5995 | 5036 | 9338 | 8189 | 4707 | 4103 | 6177 | 3052 | 7315 | 5300 | 6681 21 |
| --- | --- | --- | 1426 | --- | --- | --- | 534 | --- | --- | --- | --- | 2467 | 185 22 |
| 5704 | 7880 | 8749 | 7421 | 5036 | 9338 | 8189 | 5241 | 4103 | 6177 | 3052 | 7315 | 7767 | 6866 23 |
| 563 | 612 | 931 | 742 | 565 | 573 | 684 | 800 | 517 | 750 | 384 | 720 | 571 | 597 24 |
| 8 | 22 | --- | 23 | --- | --- | 16 | --- | 5 | 11 | 3 | 5 | 13 | 8 25 |
| 27 | 26 | 30 | 22 | 18 | 25 | 37 | 14 | 20 | 25 | 4 | 25 | 8 | 23 26 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 213 | --- | --- | 63 27 |
| 135 | 180 | 144 | 166 | 192 | 129 | 147 | 175 | 157 | 134 | 163 | 152 | 160 | 158 28 |

Table 15

Milk Hord - Analysis of Costs per Pound Butterfat

21 Farms in Barron County, Wisconsin, 1927-28

| Farm Number | 11 | 12 | 19 | 2 | 15 | 10 | 5 | 3 | 8 | 7 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Number of Cows | 8.36 | 9.05 | 12.73 | 10.65 | 12.01 | 10.73 | 15.45 | 11.35 | 19.80 | 16.83 |
| 2 Production | | | | | | | | | | |
| 2 Butterfat | 281 | 381 | 304 | 344 | 341 | 236 | 299 | 279 | 224 | 273 |
| 3 Milk | 6086 | 10546 | 7678 | 7974 | 6761 | 5553 | 8216 | 4926 | 7227 | 7874 |
| Labor Costs | | | | | | | | | | |
| 4 Man Labor, ¢ | 15.0 | 15.0 | 9.0 | 11.0 | 20.9 | 13.5 | 12.4 | 14.1 | 17.8 | 16.0 |
| 5 Horse Work, ¢ | ----- | ----- | ----- | ----- | ----- | .1 | ----- | .1 | .1 | .1 |
| 6 Food, ¢ | 27.0 | 21.0 | 22.0 | 17.0 | 23.0 | 22.0 | 27.5 | 22.8 | 18.0 | 35.5 |
| 7 Pasture, ¢ | 3.0 | 2.3 | 2.5 | 3.0 | 2.4 | 3.7 | 2.6 | 3.0 | 3.6 | 2.4 |
| 8 Depreciation, ¢ | ----- | ----- | ----- | .1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 9 Interest, ¢ | 2.0 | 1.5 | 1.2 | 1.9 | 1.9 | 2.7 | 2.1 | 2.0 | 2.9 | 2.5 |
| 10 Taxes & Insurance, ¢ | .3 | .3 | .3 | .2 | .2 | .5 | .3 | .3 | .4 | .5 |
| 11 Real Estate, ¢ | 1.0 | .9 | 1.8 | 2.9 | 1.8 | 3.4 | 3.2 | 2.2 | 2.6 | 2.0 |
| 12 Equipment, ¢ | .1 | 1.5 | 1.5 | ----- | .6 | 1.0 | .9 | .2 | 2.0 | .4 |
| 13 Veterinary & Medicine, ¢ | .3 | .3 | .2 | .1 | .2 | ----- | ----- | .2 | .1 | ----- |
| 14 Bull Charge, ¢ | 1.6 | .4 | .5 | ----- | 2.2 | 3.8 | 1.6 | ----- | 2.9 | 1.6 |
| 15 Milk Hauling, ¢ | 2.6 | ----- | 3.7 | 3.4 | .5 | ----- | ----- | 3.9 | .5 | ----- |
| 16 Miscellaneous, ¢ | .3 | 1.2 | .1 | .4 | 1.0 | .7 | 1.9 | .7 | .9 | 1.5 |
| 17 Overhead, ¢ | 2.4 | 1.6 | 3.3 | 2.3 | 1.8 | 1.9 | 1.5 | 1.2 | 1.6 | 1.2 |
| 18 Total Costs, ¢ | 55.6 | 46.0 | 46.1 | 43.1 | 56.5 | 53.3 | 54.0 | 50.7 | 53.4 | 63.7 |
| Income | | | | | | | | | | |
| 19 Butterfat, ¢ | 61.6 | 58.1 | 64.0 | 63.7 | 51.6 | 60.9 | 56.9 | 63.9 | 54.2 | 52.2 |
| 20 Skim Milk, ¢ | .5 | ----- | ----- | ----- | 6.3 | 2.3 | ----- | ----- | 6.1 | 11.0 |
| 21 Manure, ¢ | 6.8 | 2.6 | 4.9 | 2.2 | 2.1 | 3.2 | 4.4 | 3.5 | 5.0 | 4.5 |
| 22 Appreciation, ¢ | 14.5 | 5.5 | 2.8 | ----- | 12.9 | 6.8 | 4.4 | .8 | 1.2 | 6.8 |
| 23 Miscellaneous, ¢ | ----- | ----- | .2 | ----- | ----- | ----- | ----- | ----- | ----- | .1 |
| 24 Total Income, ¢ | 83.4 | 66.2 | 71.9 | 65.9 | 72.9 | 73.2 | 65.7 | 68.2 | 66.5 | 74.6 |
| Profit per Pound Butter- | | | | | | | | | | |
| 25 fat, ¢ | 27.8 | 20.2 | 25.8 | 22.8 | 16.4 | 19.9 | 11.7 | 17.5 | 13.1 | 10.9 |
| Not Cost per Pound | | | | | | | | | | |
| 26 Butterfat, ¢ | 34.3 | 37.9 | 38.2 | 40.9 | 41.5 | 43.3 | 45.2 | 46.4 | 47.2 | 52.3 |

Table 15

Milk Hord - Analysis of Costs per Pound Butterfat

21 Farms in Barron County, Wisconsin, 1927-28

| 17 | 21 | 14 | 20 | 16 | 6 | 1 | 9 | 10 | 13 | 4 | Av. | |
|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|----|
| 13.24 | 16.29 | 11.05 | 17.36 | 15.52 | 11.09 | 9.51 | 16.70 | 11.96 | 10.58 | 15.77 | 13.10 | 1 |
| 262 | 291 | 213 | 340 | 276 | 208 | 304 | 361 | 236 | 277 | 227 | 203 | 2 |
| 7074 | 7223 | 6164 | 9275 | 6132 | 4630 | 0920 | 7160 | 7191 | 0154 | 6104 | 6098 | 3 |
| 12.0 | 13.3 | 22.0 | 15.0 | 29.0 | 10.0 | 19.5 | 10.0 | 21.0 | 23.0 | 27.0 | 17.0 | 4 |
| .1 | --- | --- | --- | --- | --- | .1 | .1 | .4 | --- | .2 | .1 | 5 |
| 30.5 | 20.6 | 27.0 | 34.9 | 19.5 | 32.0 | 34.8 | 25.8 | 24.0 | 30.4 | 26.5 | 26.3 | 6 |
| 2.0 | 2.3 | 3.6 | 2.3 | 3.5 | 3.0 | 2.7 | 1.9 | 3.3 | 2.6 | 2.9 | 2.9 | 7 |
| --- | --- | --- | --- | --- | --- | --- | 8.0 | 7.0 | 3.0 | 3.0 | 1.0 | 8 |
| 2.4 | 3.3 | 2.4 | 2.0 | 2.6 | 3.9 | 3.6 | 3.0 | 2.9 | 3.0 | 3.7 | 2.6 | 9 |
| .6 | .9 | .3 | .0 | .3 | .0 | .4 | .6 | .6 | .5 | .3 | .5 | 10 |
| 1.9 | 1.8 | 2.0 | 2.0 | 2.0 | 4.6 | 1.4 | 2.0 | .9 | 2.6 | 4.3 | 2.3 | 11 |
| .3 | 1.7 | 1.3 | .3 | .2 | 2.7 | .3 | .9 | .4 | .3 | 1.3 | .0 | 12 |
| --- | --- | --- | --- | .3 | .0 | .5 | .8 | .3 | --- | .7 | .2 | 13 |
| 1.9 | 2.5 | 1.9 | 3.3 | 2.3 | 1.3 | 1.3 | 3.9 | 3.0 | 1.0 | .7 | 1.9 | 14 |
| --- | 2.3 | 4.0 | .5 | 1.9 | 2.3 | 3.7 | .8 | --- | 3.0 | --- | 1.4 | 15 |
| 3.2 | 4.6 | 2.2 | 2.9 | 1.8 | 2.4 | 1.5 | 2.4 | 3.0 | .4 | 1.9 | 1.6 | 16 |
| 2.9 | 2.0 | 1.1 | 3.7 | 3.0 | 1.5 | 2.0 | 2.9 | 3.0 | 2.5 | 3.7 | 2.3 | 17 |
| 58.6 | 63.3 | 67.8 | 67.7 | 66.4 | 74.1 | 71.8 | 64.7 | 69.8 | 72.3 | 76.2 | 61.1 | 18 |
| 59.5 | 58.7 | 64.6 | 53.1 | 59.0 | 63.4 | 64.5 | 59.4 | 64.1 | 64.6 | 56.2 | 59.0 | 19 |
| --- | 6.6 | --- | 7.3 | 4.0 | 15.4 | --- | 2.4 | --- | .7 | 12.2 | 3.4 | 20 |
| 2.4 | 3.9 | 2.6 | 5.3 | 2.5 | 6.9 | 5.8 | 2.0 | 4.0 | 2.7 | 2.8 | 3.8 | 21 |
| 3.0 | 6.1 | 10.7 | 7.0 | 8.1 | 9.3 | 6.2 | --- | --- | --- | --- | 4.0 | 22 |
| --- | .5 | .4 | .7 | --- | --- | --- | --- | .3 | --- | --- | .1 | 23 |
| 65.7 | 75.0 | 78.3 | 73.4 | 73.6 | 95.0 | 76.5 | 63.0 | 68.4 | 60.0 | 71.2 | 71.1 | 24 |
| 7.1 | 12.5 | 10.5 | 5.7 | 7.2 | 20.9 | 5.7 | -.9 | -1.4 | -4.3 | -5.0 | 10.0 | 25 |
| 52.4 | 52.8 | 54.1 | 54.7 | 55.8 | 57.9 | 59.8 | 62.7 | 65.5 | 69.6 | 73.4 | 52.4 | 26 |

Table 16

Feed and Labor per Pound of Butterfat

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Butterfat Production per Cow)

| Farm Number | 12 | 9 | 2 | 15 | 20 | 19 | 1 | 5 | 21 | 11 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|
| 1 Number of Cows | 9.6 | 16.8 | 10.6 | 12.0 | 17.4 | 12.7 | 9.5 | 15.4 | 16.3 | 8.4 |
| 2 Butterfat per Cow # | 381 | 361 | 344 | 341 | 340 | 304 | 304 | 299 | 291 | 261 |
| 3 Milk per Cow # | 10546 | 7168 | 7974 | 6781 | 9275 | 7678 | 8920 | 5007 | 7223 | 6006 |
| 4 Man Labor per Cow, hrs. | 215 | 145 | 150 | 263 | 189 | 101 | 220 | 137 | 143 | 156 |
| Concentrates per Cow | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 5 Farm Grains # | 3.0 | 3.8 | 3.1 | 2.9 | 7.4 | 3.6 | 5.8 | .7 | 3.4 | 3.6 |
| 6 Bran # | 1.4 | 2.0 | .2 | 2.2 | --- | 1.2 | 1.8 | .4 | 2.3 | 1.5 |
| 7 Other # | .1 | .5 | .8 | 1.0 | 1.0 | .1 | 2.2 | 6.0 | 1.6 | 1.5 |
| 8 Total # | 4.5 | 6.3 | 4.1 | 6.1 | 8.4 | 4.9 | 9.8 | 7.1 | 7.3 | 6.6 |
| High Protein | | | | | | | | | | |
| 9 Oil Meal # | .9 | .5 | .3 | .7 | 1.2 | .7 | .5 | .4 | 1.4 | .7 |
| 10 Gluten # | .1 | .4 | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 Other # | .4 | .1 | 1.2 | .4 | .3 | .3 | --- | .4 | .4 | .6 |
| 12 Total # | 1.4 | 1.0 | 1.5 | 1.1 | 1.5 | 1.0 | .5 | .8 | 1.8 | 1.3 |
| Dry Roughage | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 13 Timothy # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 Corn Stover # | --- | --- | --- | --- | --- | 1.0 | --- | --- | --- | --- |
| 15 Other # | --- | --- | --- | --- | --- | --- | --- | .6 | --- | --- |
| 16 Total # | --- | --- | --- | --- | --- | 1.0 | --- | .8 | --- | --- |
| High Protein | | | | | | | | | | |
| 17 Alfalfa # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 Clover # | --- | --- | --- | --- | 1.0 | --- | --- | --- | --- | --- |
| 19 Mixed & Other # | 7.2 | 5.6 | 5.5 | 8.7 | 7.2 | 7.2 | 7.4 | 9.4 | 8.5 | 9.4 |
| 20 Total # | 7.2 | 5.6 | 5.5 | 8.7 | 8.2 | 7.2 | 7.4 | 9.4 | 8.5 | 9.4 |
| Succulent Roughage | | | | | | | | | | |
| 21 Corn Silage # | 34.2 | 29.9 | 11.6 | 11.7 | 33.1 | 20.3 | 37.9 | 15.2 | 19.6 | 28.1 |
| 22 Other # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 Total # | 34.2 | 29.9 | 11.6 | 11.7 | 33.1 | 20.3 | 37.9 | 15.2 | 19.6 | 28.1 |
| 24 Straw # | 1.2 | 2.0 | 1.6 | .9 | 2.2 | 1.3 | 1.9 | 1.5 | 1.9 | 2.2 |
| 25 Mineral Food # | --- | .1 | --- | --- | --- | --- | --- | .1 | --- | .1 |
| 26 Salt # | .1 | .6 | .1 | .1 | .1 | .1 | .1 | --- | .1 | .1 |
| 27 Skim Milk # | --- | --- | --- | --- | 2.2 | --- | --- | --- | --- | --- |
| 28 Pasture Days | .5 | .4 | .6 | .5 | .4 | .5 | .5 | .5 | .5 | .6 |

Table 16

Food and Labor per Pound of Butterfat

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Butterfat Production per Cow)

| 3 | 13 | 16 | 7 | 17 | 10 | 18 | 4 | 8 | 14 | 6 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 11.4 | 10.5 | 15.5 | 16.8 | 13.2 | 10.7 | 12.0 | 15.0 | 19.0 | 11.0 | 11.9 | 13.2 | 1 |
| 279 | 277 | 276 | 273 | 262 | 236 | 236 | 227 | 224 | 213 | 200 | 203 | 2 |
| 8216 | 8154 | 6132 | 7227 | 7074 | 5553 | 7191 | 6104 | 4926 | 6164 | 4638 | 6090 | 3 |
| 146 | 238 | 295 | 162 | 120 | 110 | 104 | 227 | 140 | 176 | 141 | 174 | 4 |
| 2.4 | 5.0 | 4.2 | 6.3 | 3.2 | 2.4 | 3.5 | 5.5 | 2.6 | 3.6 | 5.0 | 4.2 | 5 |
| --- | 1.0 | .6 | 1.6 | --- | --- | .3 | .3 | .2 | .9 | 1.0 | .9 | 6 |
| .1 | 1.0 | --- | .4 | 3.2 | .9 | .8 | .4 | --- | .2 | 1.0 | 1.1 | 7 |
| 2.5 | 7.0 | 4.8 | 8.3 | 6.4 | 3.3 | 4.6 | 6.2 | 2.0 | 4.7 | 7.0 | 6.2 | 8 |
| .3 | .6 | .3 | .6 | .6 | --- | .6 | .3 | .2 | .3 | .4 | .6 | 9 |
| --- | .9 | --- | .4 | --- | --- | .1 | .1 | --- | --- | --- | .1 | 10 |
| .1 | --- | .3 | .2 | .2 | --- | .2 | .1 | .2 | .2 | 1.0 | .3 | 11 |
| .4 | 1.5 | .6 | 1.2 | .8 | --- | .9 | .5 | .4 | .5 | 1.4 | 1.0 | 12 |
| --- | 5.5 | --- | .2 | --- | --- | --- | --- | --- | --- | --- | .6 | 13 |
| --- | --- | --- | --- | --- | --- | --- | 1.6 | 1.3 | --- | --- | .6 | 14 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | .1 | 15 |
| --- | 5.5 | --- | .2 | --- | --- | --- | 1.6 | 1.3 | --- | --- | 1.3 | 16 |
| --- | --- | --- | --- | --- | 1.2 | --- | --- | --- | --- | .2 | --- | 17 |
| 11.8 | --- | --- | --- | --- | 1.3 | --- | --- | 1.2 | --- | --- | .7 | 18 |
| 2.0 | 4.1 | 6.3 | 9.8 | 12.7 | 11.7 | 14.8 | 9.9 | 11.7 | 13.5 | 10.1 | 8.5 | 19 |
| 13.8 | 4.1 | 6.3 | 9.8 | 12.7 | 14.2 | 14.8 | 9.9 | 12.9 | 13.5 | 10.3 | 9.2 | 20 |
| 21.5 | 31.6 | 18.2 | 34.2 | 31.3 | 19.9 | 17.4 | 27.2 | 13.6 | 34.3 | 25.5 | 23.6 | 21 |
| 5.1 | --- | --- | --- | --- | 2.3 | --- | --- | --- | --- | 11.8 | .6 | 22 |
| 26.6 | 31.6 | 18.2 | 34.2 | 31.3 | 22.2 | 17.4 | 27.2 | 13.6 | 34.3 | 37.3 | 24.2 | 23 |
| 3.2 | 3.4 | 2.0 | 2.1 | 2.6 | 3.4 | 2.2 | 3.3 | 1.7 | 3.4 | 2.7 | 2.1 | 24 |
| .1 | --- | --- | --- | .1 | --- | --- | .1 | --- | --- | .1 | --- | 25 |
| .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | --- | .1 | 26 |
| --- | --- | --- | --- | --- | --- | --- | --- | .9 | --- | --- | .2 | 27 |
| .6 | .5 | .7 | .5 | .6 | .7 | .7 | .6 | .7 | .7 | .8 | .6 | 28 |

Table 17

Cost of Heifers per Head

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Heifers per Farm)

| Farm Number | 14 | 11 | 7 | 16 | 8 | 21 | 6 | 12 | 2 | 18 |
|----------------------------|-------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|
| 1 Number of Heifers | 7.11 | 4.78 | 6.18 | 10.26 | 10.38 | 10.58 | 4.07 | .91 | 2.04 | 5.59 |
| Labor | | | | | | | | | | |
| 2 Man Hours | 2.58 | 2.10 | 2.50 | 6.68 | 8.08 | 4.13 | 7.03 | 16.76 | 3.60 | 7.03 |
| 3 Horse Hours | .12 | .14 | ----- | ----- | ----- | .04 | ----- | ----- | ----- | .25 |
| 4 Feed Cost, \$ | 17.18 | 23.38 | 24.79 | 21.85 | 19.62 | 26.38 | 23.07 | 25.64 | 20.21 | 31.95 |
| 5 Pasture, \$ | 4.11 | 3.16 | 3.88 | 3.95 | 4.77 | 3.39 | 4.95 | 4.67 | 4.22 | 4.43 |
| 6 Depreciation, \$ | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 7 Interest, \$ | 3.94 | 1.61 | 3.34 | 4.46 | 4.50 | 3.92 | 9.17 | 4.83 | 5.13 | 5.66 |
| 8 Taxes & Ins., \$ | .34 | .36 | .43 | .42 | .48 | .91 | 1.35 | 1.20 | .22 | .70 |
| 9 Real Estate, \$ | 2.97 | .66 | 3.86 | 3.12 | 7.39 | 3.32 | 6.22 | 2.66 | 16.98 | 1.80 |
| 10 Equipment, \$ | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 11 Vet. & Mod., \$ | ----- | ----- | .57 | ----- | ----- | ----- | ----- | .27 | ----- | ----- |
| 12 Miscellaneous, \$ | ----- | ----- | .81 | ----- | ----- | 5.69 | 1.03 | ----- | ----- | 1.26 |
| 13 Overhead, \$ | .33 | .54 | .60 | 1.16 | 1.13 | 1.23 | 1.06 | 2.03 | 2.00 | 1.36 |
| 14 Total Costs, \$ | 31.57 | 31.95 | 40.03 | 41.64 | 46.02 | 49.06 | 53.88 | 58.14 | 53.32 | 54.44 |
| Income | | | | | | | | | | |
| 15 Manure, \$ | 3.87 | ----- | 6.47 | 3.47 | 5.39 | 4.25 | 7.08 | 11.12 | 5.81 | 5.01 |
| 16 Appreciation, \$ | 20.97 | 93.10 | 50.48 | 24.37 | 55.40 | 57.91 | 71.87 | 54.95 | 42.25 | 51.25 |
| 17 Total Income | 32.04 | 93.10 | 56.95 | 27.04 | 60.79 | 62.16 | 78.95 | 66.07 | 48.06 | 56.26 |
| 18 Profit per Heifer \$ | 1.27 | 61.15 | 16.12-13.00 | 14.77 | 13.10 | 25.07 | 7.93 | -5.26 | 1.82 | |
| 19 Net Cost per Heifer, \$ | 27.70 | 31.95 | 34.36 | 38.17 | 40.63 | 44.81 | 46.80 | 47.02 | 47.51 | 49.43 |

Table 17

Cost of Heifers per Head

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Heifers per Farm)

| 19 | 17 | 3 | 4 | 1 | 15 | 9 | 13 | 20 | 5 | 10 | Av. | |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 3.10 | 10.74 | 2.11 | 4.54 | 6.62 | 3.44 | 5.70 | 2.9 | 4.03 | 3.61 | 2.37 | 5.38 | 1 |
| 7.40 | 3.44 | 8.19 | 6.04 | 9.24 | 13.93 | 6.95 | 12.64 | 11.02 | 10.04 | 11.65 | 6.64 | 2 |
| --- | --- | --- | --- | --- | --- | .06 | --- | --- | --- | --- | .03 | 3 |
| 27.65 | 35.46 | 28.24 | 25.21 | 40.96 | 30.17 | 34.05 | 31.30 | 46.94 | 44.11 | 37.52 | 20.85 | 4 |
| 3.93 | 5.06 | 4.59 | 2.31 | 3.41 | 2.28 | 4.90 | 5.21 | 3.36 | 3.63 | 5.74 | 4.09 | 5 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6 |
| 5.14 | 5.13 | 8.27 | 9.27 | 5.79 | 6.28 | 10.13 | 9.01 | 7.74 | 6.66 | 6.96 | 5.62 | 7 |
| .49 | .78 | .00 | .76 | .31 | .43 | 1.19 | .76 | 3.21 | .60 | .21 | .74 | 8 |
| 7.22 | 2.94 | 12.54 | 11.11 | 2.05 | 3.31 | 8.31 | 9.70 | 5.10 | 17.60 | 17.37 | 5.68 | 9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | .03 | 11 |
| --- | --- | --- | .73 | .32 | .50 | --- | --- | --- | --- | --- | .74 | 12 |
| 3.78 | 1.60 | 1.56 | 2.45 | 1.19 | 1.62 | 2.40 | 2.21 | 4.26 | 2.63 | 3.10 | 1.62 | 13 |
| 55.61 | 54.49 | 64.19 | 58.60 | 63.27 | 66.60 | 68.07 | 70.91 | 61.63 | 86.23 | 82.55 | 54.04 | 14 |
| 5.00 | 3.63 | 8.53 | 2.77 | 6.79 | 1.02 | 3.81 | 4.13 | 6.52 | 7.48 | 2.95 | 4.66 | 15 |
| 66.13 | 99.07 | 11.85 | 84.00 | 74.15 | 96.37 | 37.72 | 77.59 | 51.04 | 18.00 | 67.51 | 50.35 | 16 |
| 71.21 | 102.70 | 20.38 | 87.57 | 80.94 | 90.19 | 41.53 | 61.72 | 57.56 | 25.48 | 70.46 | 63.01 | 17 |
| 15.60 | 48.21 | 43.81 | 28.69 | 17.67 | 31.59 | 27.34 | 10.81 | 24.07 | 60.75 | 12.09 | 8.97 | 18 |
| 50.53 | 50.86 | 55.66 | 55.91 | 56.48 | 64.78 | 65.06 | 66.78 | 75.11 | 78.75 | 79.60 | 49.30 | 19 |

Table 13

Feed and Labor per Heifer

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Heifers per Farm)

| Farm Number | 14 | 11 | 7 | 16 | 8 | 21 | 6 | 12 | 2 | 13 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|
| 1 Number of Heifers | 7.1 | 4.8 | 6.2 | 10.3 | 10.4 | 10.6 | 4.9 | .9 | 2.8 | 5.6 |
| 2 Man. Labor per Heifer | 10 | 8 | 9 | 25 | 30 | 16 | 26 | 62 | 14 | 26 |
| Concentrates | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 3 Farm Grains # | 34 | 31 | 211 | 241 | 36 | 308 | 250 | 266 | 20 | 243 |
| 4 Bran # | 3 | 13 | 48 | 6 | --- | 107 | 17 | 126 | --- | 11 |
| 5 Other # | 2 | --- | --- | --- | --- | 50 | 14 | 6 | 130 | 51 |
| 6 Total # | 39 | 44 | 259 | 246 | 36 | 465 | 261 | 398 | 158 | 305 |
| High Protein | | | | | | | | | | |
| 7 Oil Meal # | 1 | 4 | 14 | 1 | --- | 89 | 21 | 81 | --- | 43 |
| 8 Gluton # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 Other # | --- | --- | 18 | --- | --- | 30 | 16 | 46 | --- | 15 |
| 10 Total # | 1 | 4 | 32 | 1 | --- | 119 | 37 | 127 | --- | 58 |
| Dry Roughage | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 11 Timothy # | --- | --- | 25.9 | --- | --- | --- | --- | --- | --- | --- |
| 12 Corn Stover # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 Other # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 Total # | --- | --- | 25.9 | --- | --- | --- | --- | --- | --- | --- |
| High Protein | | | | | | | | | | |
| 15 Alfalfa # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 Clover # | --- | --- | --- | --- | 96 | --- | --- | --- | --- | --- |
| 17 Mixed & Other # | 1509 | 3757 | 1430 | 1437 | 1864 | 1486 | 1169 | 1567 | 1691 | 2791 |
| 18 Total # | 1509 | 3757 | 1430 | 1437 | 1960 | 1486 | 1169 | 1567 | 1691 | 2791 |
| Succulent Roughage | | | | | | | | | | |
| 19 Corn Silage # | 1944 | --- | 3261 | 2439 | 1243 | 1705 | 3047 | 1769 | 2293 | 2881 |
| 20 Other # | --- | --- | --- | --- | --- | --- | 913 | --- | --- | --- |
| 21 Total # | 1944 | --- | 3261 | 2439 | 1243 | 1705 | 3960 | 1769 | 2293 | 2881 |
| 22 Straw # | 912 | --- | 289 | 529 | 329 | 300 | 426 | 288 | 491 | 430 |
| 23 Mineral Feed # | --- | --- | --- | --- | --- | --- | 4 | 2 | 2 | 2 |
| 24 Salt # | 23 | 8 | 15 | 13 | 12 | 17 | 7 | 18 | 17 | 13 |
| 25 Skim Milk | --- | --- | --- | 114 | 177 | 88 | --- | --- | --- | --- |
| 26 Whole Milk # | --- | --- | --- | 62 | --- | --- | --- | --- | --- | --- |
| 27 Pasture Days | 165 | 126 | 155 | 158 | 191 | 136 | 198 | 166 | 169 | 177 |

Table 16

Food and Labor per Hoifor

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Hoifors per Farm)

| 19 | 17 | 3 | 4 | 1 | 15 | 9 | 13 | 20 | 5 | 10 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 3.1 | 10.7 | 2.1 | 4.5 | 6.6 | 3.4 | 5.7 | 2.9 | 4.0 | 3.6 | 2.4 | 5.4 | 1 |
| 27 | 13 | 30 | 25 | 34 | 52 | 26 | 47 | 41 | 40 | 43 | 25 | 2 |
| --- | --- | 131 | --- | 255 | 44 | 261 | 316 | 236 | 369 | 211 | 160 | 3 |
| --- | --- | --- | --- | 51 | 28 | 138 | 50 | --- | 172 | --- | 34 | 4 |
| --- | --- | --- | --- | 14 | 30 | 22 | 66 | --- | 297 | 46 | 26 | 5 |
| --- | --- | 131 | --- | 320 | 102 | 421 | 432 | 236 | 838 | 257 | 220 | 6 |
| --- | --- | --- | --- | 12 | 3 | 35 | 35 | 20 | 110 | --- | 21 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| --- | --- | --- | --- | 19 | 9 | 34 | 63 | --- | --- | --- | 10 | 9 |
| --- | --- | --- | --- | 31 | 12 | 69 | 98 | 20 | 110 | --- | 31 | 10 |
| --- | --- | --- | --- | --- | --- | --- | 1212 | --- | --- | --- | 32 | 11 |
| 355 | --- | --- | 423 | --- | --- | --- | --- | --- | --- | --- | 27 | 12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 | --- | 1 | 13 |
| 355 | --- | --- | 423 | --- | --- | --- | 1212 | --- | 10 | --- | 60 | 14 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 65 | 1 | 15 |
| --- | --- | 1884 | --- | --- | --- | --- | --- | 716 | --- | 696 | 89 | 16 |
| 1967 | 3050 | 178 | 1605 | 2349 | 3011 | 1655 | 752 | 1976 | 2317 | 2577 | 1970 | 17 |
| 1967 | 3050 | 2062 | 1605 | 2349 | 3011 | 1655 | 752 | 2692 | 2317 | 3330 | 2060 | 18 |
| 3926 | 5911 | 3009 | 4095 | 6732 | 4533 | 5196 | 3303 | 6162 | 3207 | 2968 | 3358 | 19 |
| --- | --- | 782 | --- | --- | --- | --- | --- | --- | --- | 354 | 61 | 20 |
| 3926 | 5911 | 3791 | 4095 | 6732 | 4533 | 5196 | 3303 | 6162 | 3207 | 3322 | 3419 | 21 |
| 407 | 668 | 470 | 868 | 402 | 467 | 604 | 699 | 898 | 468 | 896 | 521 | 22 |
| --- | 10 | 7 | 10 | 3 | 15 | 2 | --- | --- | 11 | --- | 3 | 23 |
| 22 | 30 | 17 | 15 | 15 | 10 | 24 | 25 | 31 | 5 | 11 | 18 | 24 |
| --- | --- | --- | --- | --- | 1329 | --- | --- | 1478 | --- | --- | 193 | 25 |
| 176 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10 | 26 |
| 150 | 202 | 229 | 93 | 137 | 97 | 196 | 209 | 135 | 145 | 143 | 162 | 27 |

Table 19
 Cost of Calves per Head
 21 Farms in Barron County, Wisconsin, 1927-28
 (Farms Ranked in Order of Net Cost of Calves per Farm)

| Farm Number | 19 | 10 | 14 | 8 | 11 | 3 | 16 | 1 | 17 | 2 | 4 |
|-----------------------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| Number of Calves | 6.61 | 11.17 | 7.00 | 10.23 | 3.42 | 6.98 | 9.81 | 8.65 | 6.42 | 4.39 | 11.49 |
| Labor | 6.44 | 5.45 | 6.71 | 11.86 | 8.41 | 8.36 | 14.44 | 10.20 | 4.96 | 4.23 | 10.37 |
| Man Labor Cost | --- | --- | .04 | .03 | .16 | --- | --- | .21 | --- | --- | --- |
| Horse Work Cost | 27.96 | 28.24 | 26.26 | 24.29 | 31.31 | 29.17 | 22.34 | 27.81 | 34.92 | 29.50 | 31.66 |
| Feed Cost | 2.73 | 1.54 | 3.66 | 2.14 | 4.44 | 4.09 | 2.57 | 2.79 | 2.56 | 3.86 | 3.20 |
| Pasture | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Depreciation | 1.68 | .73 | 1.28 | 1.23 | 1.33 | .89 | 1.36 | 1.24 | .28 | .97 | 2.16 |
| Interest | .10 | .15 | .16 | .11 | .11 | .12 | .19 | .21 | .38 | .11 | .16 |
| Taxes & Insurance | 1.62 | 4.75 | 1.40 | 3.98 | 1.60 | 2.14 | 1.81 | 2.31 | 3.54 | 9.33 | 5.46 |
| Real Estate | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Equipment | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Veterinary & Medicine | .04 | --- | --- | --- | .48 | --- | .41 | .91 | .71 | .70 | .41 |
| Miscellaneous | .14 | .06 | 1.30 | --- | 1.35 | .60 | 1.42 | 1.01 | 1.35 | 1.71 | 1.59 |
| Overhead | 1.86 | .95 | .55 | .97 | 49.19 | 45.37 | 44.54 | 46.69 | 48.70 | 50.41 | 55.01 |
| Total Costs | 42.57 | 41.87 | 41.16 | 44.61 | 49.19 | 45.37 | 44.54 | 46.69 | 48.70 | 50.41 | 55.01 |
| Income | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Manure | 4.76 | 3.58 | 2.36 | 4.30 | 8.33 | 4.30 | 1.43 | 3.47 | 1.01 | 1.54 | 3.84 |
| Appreciation | 38.18 | 23.55 | 40.28 | 36.00 | 40.21 | 42.51 | 52.99 | 44.80 | 60.64 | 71.92 | 98.95 |
| Total Income | 42.94 | 27.13 | 42.64 | 40.30 | 48.54 | 46.81 | 54.42 | 48.27 | 61.65 | 73.46 | 102.79 |
| Net Profit per Calf | + .37 | -14.74 | +1.48 | -4.31 | -.65 | +1.44 | +9.88 | +1.58 | +12.95 | +23.05 | +47.78 |
| Net Cost per Calf | 37.81 | 38.29 | 38.80 | 40.31 | 40.86 | 41.07 | 43.11 | 43.22 | 47.69 | 48.87 | 51.17 |

Table 19

Cost of Calves per Head

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Calves per Farm)

| Farm Number | 7 | 15 | 6 | 18 | 5 | 21 | 13 | 20 | 12 | 9 | AV. |
|-----------------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| Number of Calves | 7.48 | 7.09 | 8.36 | 7.31 | 5.56 | 14.03 | 6.97 | 14.20 | 1.29 | 8.07 | 7.93 |
| Labor | | | | | | | | | | | |
| Man Labor Cost | 8.58 | 15.70 | 12.70 | 10.15 | 12.83 | 7.88 | 14.16 | 12.65 | 24.70 | 10.00 | 10.13 |
| Horse Work Cost | .07 | | | .08 | | | | | | .07 | .03 |
| Feed Cost | 41.38 | 40.51 | 37.27 | 49.57 | 38.40 | 58.49 | 41.41 | 56.90 | 57.91 | 63.78 | 38.50 |
| Pasture | 2.45 | .94 | 1.25 | 1.54 | 2.86 | 1.58 | 1.38 | .18 | 1.98 | 2.37 | 2.19 |
| Depreciation | | | | | | | | | | | |
| Interest | 3.45 | 1.63 | 4.62 | 2.77 | 1.31 | 2.79 | 4.44 | 1.93 | .64 | 6.08 | 2.15 |
| Taxes & Insurance | .30 | .05 | .62 | .45 | .21 | .52 | .48 | .66 | .35 | .67 | .31 |
| Real Estate | 1.79 | 1.55 | 6.66 | 1.99 | 9.71 | 3.60 | 7.22 | 6.83 | 5.82 | 1.63 | 4.00 |
| Equipment | | | | | | | | | | | |
| Veterinary & Medicine | | | | | .94 | .05 | | | | | .04 |
| Miscellaneous | .11 | | | | 1.44 | .76 | 2.01 | 4.23 | | 10.83 | 1.30 |
| Overhead | .75 | 1.24 | 1.05 | 1.26 | 1.93 | 1.07 | 1.95 | 4.15 | 2.47 | 2.73 | 1.54 |
| Total Costs | 58.88 | 61.62 | 64.17 | 67.81 | 69.63 | 76.74 | 73.05 | 87.53 | 93.87 | 98.16 | 60.19 |
| Income | | | | | | | | | | | |
| Manure | 5.08 | 2.60 | 2.51 | 5.20 | 4.86 | 5.67 | 1.72 | 5.18 | 7.85 | 3.63 | 3.83 |
| Appreciation | 69.23 | 41.39 | 78.35 | 58.90 | 106.11 | 115.11 | 84.65 | 110.91 | 43.50 | 119.42 | 69.88 |
| Total Income | 74.31 | 43.99 | 80.86 | 64.10 | 110.97 | 120.78 | 86.37 | 116.09 | 51.35 | 123.05 | 73.71 |
| Net Profit per Calf | +15.43 | -17.63 | +10.69 | -3.71 | +41.34 | +44.04 | +13.32 | +28.56 | -42.52 | +24.89 | +13.52 |
| Net Cost per Calf | 53.80 | 59.02 | 61.66 | 62.61 | 64.77 | 71.07 | 71.33 | 82.35 | 86.02 | 94.53 | 56.36 |

Table 2

Feed and Labor per Calf

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Calves per Farm)

| Farm Number | 19 | 10 | 14 | 8 | 11 | 3 | 16 | 1 | 17 | 2 |
|-----------------------|------|------|-----|------|-----|------|------|------|------|-----|
| 1 Number of Calves | 6.6 | 11.2 | 7.0 | 10.2 | 3.4 | 7.0 | 9.0 | 8.7 | 6.4 | 4.4 |
| 2 Man Labor per Calf | 24 | 20 | 25 | 44 | 31 | 31 | 54 | 30 | 10 | 16 |
| Concentrates per Calf | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 3 Farm Grains # | 115 | 317 | 275 | 47 | 62 | 195 | 182 | 233 | 71 | 267 |
| 4 Bran # | 36 | --- | 16 | 7 | 16 | 6 | 12 | 11 | --- | 23 |
| 5 Other # | 6 | --- | 7 | --- | 8 | 13 | --- | 126 | 74 | 100 |
| 6 Total # | 157 | 317 | 298 | 54 | 86 | 214 | 194 | 370 | 145 | 390 |
| High Protein | | | | | | | | | | |
| 7 Oil Meal # | 26 | 1 | 4 | 12 | 14 | 8 | 1 | 19 | 65 | 54 |
| 8 Gluten # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 Other # | 7 | --- | --- | --- | 7 | 41 | --- | 3 | 4 | 33 |
| 10 Total # | 33 | 1 | 4 | 12 | 21 | 49 | 1 | 22 | 69 | 87 |
| Dry Roughage | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 11 Timothy # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 Corn Stover # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 Other # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 Total # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| High Protein | | | | | | | | | | |
| 15 Alfalfa # | --- | 289 | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 Clover # | --- | 56 | --- | 90 | --- | 1252 | --- | --- | --- | --- |
| 17 Mixed & Other # | 829 | 1196 | 678 | 1059 | 625 | 411 | 632 | 470 | 1153 | 500 |
| 18 Total # | 829 | 1541 | 678 | 1157 | 625 | 1663 | 632 | 470 | 1153 | 500 |
| Succulent Roughage | | | | | | | | | | |
| 19 Corn Silage # | 1178 | 571 | 405 | 390 | 146 | 655 | 521 | 1156 | 576 | 60 |
| 20 Other # | --- | --- | --- | --- | --- | 109 | --- | --- | --- | --- |
| 21 Total # | 1178 | 571 | 405 | 390 | 146 | 844 | 521 | 1156 | 576 | 60 |
| Milk | | | | | | | | | | |
| 22 Whole Milk # | 622 | 131 | 730 | 170 | 904 | 303 | 126 | 277 | 1121 | 371 |
| 23 Skim Milk # | --- | 580 | --- | 2540 | --- | --- | 2331 | --- | --- | --- |
| 24 Powdered Milk # | 7 | 37 | 2 | --- | --- | 14 | --- | 109 | --- | 55 |
| 25 Straw # | 447 | 881 | 403 | 375 | 470 | 947 | 503 | 351 | 651 | 455 |
| 26 Mineral Food # | --- | --- | --- | --- | 4 | 1 | --- | --- | 1 | --- |
| 27 Salt # | 9 | 2 | 8 | 4 | 5 | 5 | 4 | 5 | 8 | 7 |
| 28 Pasture Days | 116 | 62 | 147 | 86 | 178 | 164 | 103 | 111 | 103 | 154 |

Table 20

Food and Labor per Calf

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Calves per Farm)

| 4 | 7 | 15 | 6 | 10 | 5 | 21 | 13 | 20 | 12 | 9 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 11.5 | 7.5 | 7.1 | 0.4 | 7.3 | 5.6 | 14.0 | 7.0 | 14.2 | 1.3 | 8.1 | 7.9 | 1 |
| 30 | 32 | 50 | 47 | 20 | 40 | 29 | 52 | 47 | 92 | 37 | 30 | 2 |
| 323 | 353 | 143 | 325 | 206 | 260 | 257 | 291 | 309 | 656 | 319 | 242 | 3 |
| --- | 91 | 64 | 52 | 26 | 57 | 174 | 40 | --- | 177 | 97 | 40 | 4 |
| --- | 35 | 45 | 80 | 25 | 130 | 76 | 40 | --- | 9 | 33 | 36 | 5 |
| 323 | 479 | 252 | 457 | 257 | 455 | 507 | 371 | 309 | 642 | 449 | 310 | 6 |
| --- | 52 | 15 | 24 | 30 | 29 | 64 | 17 | 14 | 129 | 25 | 25 | 7 |
| --- | 19 | --- | --- | 3 | --- | --- | 31 | --- | --- | 18 | 3 | 8 |
| --- | 24 | 15 | 14 | 0 | 16 | 34 | 1 | --- | 24 | 4 | 10 | 9 |
| --- | 95 | 30 | 30 | 41 | 45 | 110 | 49 | 14 | 153 | 47 | 38 | 10 |
| --- | --- | --- | --- | --- | --- | --- | 517 | --- | --- | --- | 22 | 11 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12 |
| 234 | --- | --- | --- | --- | 259 | --- | --- | --- | --- | --- | 25 | 13 |
| 234 | --- | --- | --- | --- | 259 | --- | 517 | --- | --- | --- | 47 | 14 |
| --- | --- | --- | --- | --- | 90 | --- | --- | --- | --- | --- | 22 | 15 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 62 | 16 |
| 440 | 1311 | 1022 | 909 | 1527 | 946 | 1265 | 620 | 1798 | 2260 | 890 | 1016 | 17 |
| 448 | 1311 | 1022 | 909 | 1527 | 1036 | 1265 | 620 | 1798 | 2260 | 890 | 1100 | 18 |
| --- | 1617 | 50 | 1657 | 377 | 397 | 321 | 062 | 919 | 1401 | 930 | 650 | 19 |
| --- | --- | --- | 212 | --- | --- | --- | --- | --- | --- | --- | 19 | 20 |
| --- | 1617 | 50 | 1069 | 377 | 397 | 321 | 062 | 919 | 1401 | 930 | 677 | 21 |
| 200 | 316 | 257 | 381 | 1509 | 407 | 920 | 479 | 757 | 746 | 1231 | 550 | 22 |
| 3917 | 2409 | 4300 | 779 | --- | --- | 3911 | 605 | 4362 | --- | 2236 | 1775 | 23 |
| --- | --- | --- | 30 | 40 | 54 | --- | 214 | --- | 62 | 14 | 26 | 24 |
| 563 | 521 | 275 | 719 | 493 | 676 | 429 | 1141 | 1200 | 767 | 670 | 642 | 25 |
| --- | --- | --- | 3 | --- | 2 | 2 | --- | --- | 2 | 1 | 1 | 26 |
| 5 | 6 | 3 | 1 | 6 | 1 | 5 | 8 | 12 | 11 | 9 | 6 | 27 |
| 120 | 90 | 30 | 50 | 62 | 114 | 63 | 55 | 7 | 79 | 95 | 80 | 28 |

Table 21

Cost of Bulls per Head

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Bulls)

| Farm Number | 19 | 11 | 17 | 6 | 1 | 14 | 10 | 16 | 4 |
|------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 1 Number of Bulls | .44 | .76 | 1.00 | .88 | 1.00 | .50 | 1.00 | 1.00 | 1.00 |
| Labor Cost | | | | | | | | | |
| 2 Man Labor \$ | 12.12 | 21.93 | 16.20 | 22.70 | 20.25 | 27.14 | 24.77 | 42.32 | 29.09 |
| 3 Horse Work \$ | ----- | ----- | ----- | ----- | ----- | 2.80 | ----- | ----- | .40 |
| 4 Food Cost \$ | 11.57 | 38.41 | 48.29 | 35.05 | 76.68 | 51.60 | 47.48 | 37.10 | 48.14 |
| 5 Pasture \$ | ----- | 6.05 | ----- | 4.49 | ----- | ----- | 4.70 | 5.70 | 2.45 |
| 6 Depreciation \$ | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 2.64 | ----- |
| 7 Interest \$ | 4.68 | 1.09 | 5.50 | 10.16 | 7.84 | 8.80 | 8.25 | 8.25 | 8.80 |
| 8 Taxes & Insurance \$ | .18 | .71 | 1.36 | 2.07 | .60 | 1.40 | 2.22 | 1.00 | .79 |
| 9 Real Estate \$ | 13.18 | 1.05 | 4.48 | 9.84 | 3.27 | 8.44 | 10.84 | 3.00 | 13.92 |
| 10 Miscellaneous \$ | ----- | 1.68 | ----- | 3.59 | .73 | 1.10 | 1.65 | 3.14 | 15.25 |
| 11 Vet. & Mod. | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 12 Overhead \$ | 5.59 | 2.97 | 3.76 | 2.07 | 2.19 | 1.62 | 4.09 | 4.69 | 5.83 |
| 13 Gross Costs \$ | 47.32 | 73.89 | 79.59 | 89.97 | 111.56 | 102.90 | 104.00 | 107.84 | 124.67 |
| Income | | | | | | | | | |
| 14 Manure \$ | ----- | 25.66 | 13.00 | 7.67 | 22.50 | 11.00 | 8.00 | 7.00 | 12.60 |
| 15 Appreciation \$ | ----- | ----- | ----- | 45.46 | 50.00 | ----- | ----- | ----- | 87.70 |
| 16 Bull Service \$ | ----- | ----- | ----- | ----- | ----- | 2.00 | ----- | ----- | ----- |
| 17 Net Cost per Bull | 47.32 | 48.23 | 66.59 | 82.30 | 89.06 | 89.90 | 96.00 | 100.84 | 112.07 |

Table 21

Cost of Bulls per Head

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Bulls)

| 20 | 7 | 8 | 12 | 18 | 5 | 15 | 9 | 21 | Avg. | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1.50 | .50 | .97 | .44 | .63 | .86 | .51 | 1.24 | .50 | .63 | 1 |
| 26.02 | 17.00 | 29.65 | 21.02 | 51.11 | 32.17 | 35.72 | 23.09 | 37.71 | 27.26 | 2 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .12 | 3 |
| 76.22 | 98.34 | 50.72 | 78.41 | 65.36 | 77.13 | 52.37 | 65.53 | 61.53 | 58.14 | 4 |
| ----- | ----- | 6.34 | ----- | ----- | 1.16 | 4.41 | ----- | ----- | 2.07 | 5 |
| ----- | ----- | 17.25 | ----- | ----- | ----- | 49.02 | 40.32 | ----- | 6.33 | 6 |
| 11.27 | 9.48 | 21.97 | 8.75 | ----- | 10.07 | 12.14 | 26.06 | 20.14 | 10.83 | 7 |
| 2.42 | 3.71 | 3.84 | 1.50 | ----- | 1.70 | .25 | 2.86 | 4.04 | 1.80 | 8 |
| 4.56 | 5.77 | 7.44 | 12.55 | 3.62 | 24.98 | 7.34 | 4.85 | 11.64 | 7.94 | 9 |
| .17 | 1.38 | ----- | 21.02 | 73.86 | .58 | ----- | 16.13 | 40.69 | 8.51 | 10 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 11 |
| 7.13 | 1.95 | 4.55 | 5.07 | 19.48 | 2.95 | 6.86 | 10.64 | 7.76 | 5.15 | 12 |
| 128.59 | 137.63 | 141.76 | 148.32 | 204.43 | 150.74 | 160.11 | 190.20 | 203.51 | 126.20 | 13 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 11.00 | 10.34 | 10.31 | 9.21 | 7.30 | 7.85 | 5.80 | 11.79 | 10.35 | 9.06 | 14 |
| ----- | ----- | ----- | 108.79 | 2.38 | 17.44 | ----- | ----- | ----- | 17.57 | 15 |
| ----- | ----- | ----- | ----- | 54.76 | ----- | ----- | ----- | ----- | 2.38 | 16 |
| 117.59 | 127.29 | 131.45 | 139.11 | 142.37 | 142.89 | 162.23 | 170.49 | 193.16 | 115.96 | 17 |

Table 22

Food and Labor per Bull

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Bulls)

| Farm Number | 19 | 11 | 17 | 6 | 1 | 14 | 10 | 16 | 4 | 20 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| 1 Number of Bulls | .4 | .3 | 1.0 | .9 | 1.0 | .5 | 1.0 | 1.0 | 1.0 | 1.5 |
| 2 Man Labor per Bull | 45 | 61 | 60 | 84 | 75 | 100 | 92 | 157 | 108 | 99 |
| Concentrates per Bull | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 3 Farm Grains # | --- | 105 | --- | 324 | 1305 | --- | --- | 327 | 251 | 1714 |
| 4 Bran # | --- | 45 | --- | 114 | 199 | --- | --- | 15 | --- | --- |
| 5 Other # | --- | 9 | --- | 167 | 219 | --- | --- | --- | --- | --- |
| 6 Total # | --- | 159 | --- | 605 | 2223 | --- | --- | 342 | 251 | 1714 |
| High Protein | | | | | | | | | | |
| 7 Oil Meal # | --- | 9 | --- | 73 | 77 | --- | --- | 4 | --- | --- |
| 8 Gluten # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 Other # | --- | 41 | --- | 27 | 18 | --- | --- | --- | --- | --- |
| 10 Total # | --- | 50 | --- | 100 | 95 | --- | --- | 4 | --- | --- |
| Dry Roughage | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 11 Timothy # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 Corn Stover # | --- | --- | --- | --- | --- | --- | --- | --- | 1901 | --- |
| 13 Other # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 Total # | --- | --- | --- | --- | --- | --- | --- | --- | 1901 | --- |
| High Protein | | | | | | | | | | |
| 15 Alfalfa # | --- | --- | --- | --- | --- | --- | 620 | --- | --- | --- |
| 16 Clover # | --- | --- | --- | --- | --- | --- | 330 | --- | --- | 952 |
| 17 Mixed & Other # | 1205 | 3311 | 5361 | 2441 | 2504 | 5096 | 4205 | 2547 | 3553 | 3657 |
| 18 Total # | 1205 | 3311 | 5361 | 2441 | 2504 | 5096 | 5155 | 2547 | 3553 | 4609 |
| Succulent Roughage | | | | | | | | | | |
| 19 Corn Silage # | 1286 | 4770 | 4400 | 1341 | 6625 | 6740 | 2035 | 2127 | 4407 | 3617 |
| 20 Other # | --- | --- | --- | --- | --- | --- | 400 | --- | --- | --- |
| 21 Total # | 1286 | 4770 | 4400 | 1341 | 6625 | 6740 | 2565 | 2127 | 4407 | 3617 |
| 22 Whole Milk # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 Straw # | 323 | 876 | 1303 | 1700 | 579 | 1542 | 2231 | 394 | 2784 | 1464 |
| 24 Mineral Food # | --- | 17 | 5 | --- | 1 | --- | --- | --- | 6 | --- |
| 25 Salt # | 30 | 17 | 36 | 9 | 13 | 20 | 10 | 10 | 24 | 25 |
| 26 Pasture Days | 59 | 121 | 35 | 90 | 28 | --- | 94 | 114 | 48 | --- |

Table 22

Food and Labor per Bull

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Bulls)

| 7 | 8 | 12 | 16 | 5 | 15 | 9 | 21 | Av. | |
|------|------|------|------|------|------|------|------|------|----|
| .6 | 1.0 | .4 | .6 | .9 | .5 | 1.2 | .6 | .0 | 1 |
| 63 | 110 | 70 | 109 | 119 | 132 | 89 | 140 | 101 | 2 |
| 1743 | 1002 | 1668 | 1100 | 314 | 729 | 516 | 890 | 740 | 3 |
| 457 | --- | 7 | 73 | 66 | 371 | 250 | 567 | 103 | 4 |
| 222 | --- | --- | 49 | 850 | 202 | 103 | 217 | 109 | 5 |
| 2422 | 1002 | 1675 | 1222 | 1230 | 1302 | 869 | 1682 | 952 | 6 |
| 259 | --- | 61 | 130 | 16 | 65 | 63 | 300 | 48 | 7 |
| 74 | --- | --- | 21 | --- | --- | 51 | --- | 8 | 8 |
| 5 | --- | --- | 8 | --- | --- | 17 | 166 | 13 | 9 |
| 338 | --- | 61 | 159 | 16 | 65 | 131 | 466 | 69 | 10 |
| 241 | --- | --- | --- | --- | --- | --- | --- | 9 | 11 |
| --- | --- | --- | --- | --- | --- | --- | --- | 129 | 12 |
| --- | --- | --- | --- | 3374 | --- | --- | --- | 195 | 13 |
| 241 | --- | --- | --- | 3374 | --- | --- | --- | 333 | 14 |
| --- | --- | --- | --- | --- | --- | --- | --- | 42 | 15 |
| --- | 412 | --- | --- | --- | --- | --- | --- | 145 | 16 |
| 4036 | 3386 | 6409 | 4021 | 3517 | 4333 | 4099 | 5257 | 3740 | 17 |
| 4086 | 3798 | 6409 | 4021 | 3517 | 4333 | 4099 | 5257 | 3927 | 18 |
| 4403 | 2603 | --- | 1667 | 1730 | --- | 5291 | 948 | 3279 | 19 |
| --- | --- | --- | --- | --- | --- | --- | --- | 32 | 20 |
| 4403 | 2603 | --- | 1667 | 1730 | --- | 5291 | 948 | 3311 | 21 |
| --- | --- | --- | 301 | --- | --- | --- | --- | 16 | 22 |
| 866 | 852 | 900 | 1235 | 1433 | --- | 2274 | 1064 | 1423 | 23 |
| --- | --- | --- | 1 | 8 | --- | 1 | 9 | 3 | 24 |
| 21 | 16 | 27 | --- | 5 | 14 | 27 | 20 | 19 | 25 |
| --- | 127 | --- | 83 | 24 | 80 | --- | 67 | 56 | 26 |

Table 23

Cost of Producing 100 Pounds of Pork

16 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Producing 100 Pounds of Pork)

| Farm Number | 11 | 13 | 1 | 17 | 9 | 18 | 7 | 19 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Pounds Pork Produced | 1024 | 1470 | 1956 | 10408 | 3420 | 965 | 9208 | 1276 |
| Cost Items | | | | | | | | |
| 2 Man Labor ☉ | 2.87 | 2.34 | 2.26 | .63 | 1.22 | 4.06 | .74 | 2.77 |
| 3 Horse Labor ☉ | .31 | .02 | .20 | .06 | .02 | .23 | .04 | .18 |
| 4 Food Cost ☉ | 4.59 | 7.33 | 8.15 | 9.46 | 9.20 | 6.44 | 10.61 | 7.35 |
| 5 Pasture ☉ | ----- | ----- | ----- | ----- | ----- | ----- | .06 | .13 |
| 6 Interest ☉ | .07 | .25 | .15 | .18 | .15 | .23 | .33 | .42 |
| 7 Taxes & Insurance ☉ | .04 | .06 | .03 | .04 | .10 | .05 | .06 | .08 |
| 8 Real Estate ☉ | .32 | .43 | .06 | .28 | .34 | .11 | .18 | .57 |
| 9 Equipment | .05 | .01 | .03 | ----- | .17 | .21 | .03 | .01 |
| 10 Vet. & Mod. ☉ | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 11 Miscellaneous ☉ | .69 | .12 | .16 | .66 | .13 | .11 | .50 | .70 |
| 12 Overhead ☉ | .49 | .18 | .19 | .25 | .20 | .41 | .10 | .87 |
| 13 Gross Costs ☉ | 9.43 | 11.24 | 11.25 | 11.56 | 11.53 | 11.65 | 12.65 | 13.08 |
| Income | | | | | | | | |
| 14 Increase ☉ | 8.08 | 7.40 | 8.16 | 9.88 | 9.69 | 6.58 | 7.38 | 9.79 |
| 15 Manure ☉ | ----- | ----- | ----- | .10 | .04 | ----- | ----- | ----- |
| 16 Other ☉ | ----- | ----- | ----- | ----- | ----- | ----- | .11 | ----- |
| 17 Total Income ☉ | 8.08 | 7.40 | 8.16 | 9.98 | 9.73 | 6.58 | 7.49 | 9.79 |
| 18 Profit per 100# Pork ☉ | -1.35 | -3.84 | -3.09 | -1.58 | -1.60 | -5.27 | -5.16 | -3.29 |
| 19 Net Cost 100# Pork ☉ | 9.43 | 11.24 | 11.25 | 11.56 | 11.49 | 11.65 | 12.54 | 13.08 |

Table 23

Cost of Producing 100 Pounds of Pork

10 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Producing 100 Pounds of Pork)

| 16 | 20 | 21 | 4 | 10 | 12 | 14 | 2 | 8 | 15 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|----|
| 2300. | 720 | 1509 | 3205 | 614 | 810 | 850 | 160 | 414 | 140 | 2252 | 1 |
| 3.14 | 2.45 | 2.21 | 1.93 | 3.37 | 4.77 | 4.78 | 4.72 | 13.39 | 10.32 | 1.81 | 2 |
| ----- | ----- | .08 | .12 | ----- | .09 | .07 | .19 | .52 | ----- | .03 | 3 |
| 9.44 | 7.85 | 8.34 | 11.48 | 10.68 | 10.74 | 10.89 | 19.04 | 31.18 | 59.09 | 9.93 | 4 |
| ----- | ----- | ----- | .11 | ----- | .04 | ----- | 2.91 | ----- | ----- | .04 | 5 |
| .35 | .34 | .65 | .55 | .32 | .39 | .45 | .52 | .60 | .66 | .30 | 6 |
| .07 | .07 | .11 | .05 | .10 | .01 | .12 | ----- | .24 | .01 | .06 | 7 |
| .24 | .69 | .68 | .64 | .10 | .82 | 2.07 | .34 | 1.00 | .82 | .37 | 8 |
| .03 | .03 | .01 | .02 | .41 | ----- | .17 | .03 | .04 | ----- | .04 | 9 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10 |
| .32 | ----- | 1.79 | ----- | .25 | ----- | ----- | .55 | ----- | ----- | .44 | 11 |
| .32 | .56 | .39 | .23 | .39 | .47 | .25 | .70 | .90 | 1.30 | .27 | 12 |
| 13.91 | 11.99 | 14.76 | 15.10 | 15.02 | 17.33 | 18.00 | 29.00 | 47.87 | 80.22 | 13.34 | 13 |
| 8.43 | 11.32 | 10.04 | 7.17 | 6.81 | 9.98 | 9.69 | 2.27 | 10.90 | 7.86 | 8.65 | 14 |
| .23 | ----- | ----- | .09 | .32 | ----- | .24 | ----- | ----- | ----- | .06 | 15 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .03 | 16 |
| 8.66 | 11.32 | 10.04 | 7.26 | 7.13 | 9.98 | 9.93 | 2.27 | 10.90 | 7.86 | 8.74 | 17 |
| -5.25 | -.67 | -4.72 | -7.92 | -8.69 | -7.35 | -8.87 | -26.73 | -36.97 | -72.37 | -4.60 | 18 |
| 13.68 | 11.99 | 14.76 | 15.09 | 15.50 | 17.33 | 18.56 | 29.00 | 47.87 | 80.22 | 13.25 | 19 |

Table 24

Food Required per 100 Pounds Pork Produced

10 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Producing 100 Pounds of Pork)

| Farm Number | 11 | 13 | 1 | 17 | 9 | 10 | 7 | 19 |
|------------------------|-------|-------|-------|--------|-------|-------|--------|-------|
| 1 Pounds Pork Produced | 1024 | 1470 | 1956 | 10408 | 3420 | 965 | 9208 | 1276 |
| Concentrates | | | | | | | | |
| Low Protein | | | | | | | | |
| 2 Corn # | 146.5 | 86.8 | 397.7 | 110.6 | 143.4 | 65.6 | 254.7 | 47.0 |
| 3 Oats # | 15.5 | 94.7 | 22.2 | 70.3 | 38.9 | 151.2 | 35.3 | 167.0 |
| 4 Barley # | 15.5 | 181.2 | 22.2 | 101.4 | 71.5 | 79.5 | 28.4 | 82.7 |
| 5 Bran & Middlings # | 68.4 | 39.1 | 97.1 | 85.5 | 64.6 | 32.6 | 32.2 | 90.1 |
| 6 Other # | --- | --- | 5.1 | 1.9 | 2.9 | 5.9 | 34.9 | --- |
| 7 Total # | 245.9 | 403.8 | 544.3 | 369.7 | 321.3 | 334.8 | 305.5 | 306.8 |
| Roughages | | | | | | | | |
| 8 Protein Hays # | --- | --- | --- | 1.0 | --- | --- | --- | --- |
| 9 Other Hays # | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 Other Dry # | 73.1 | 130.1 | 5.1 | 27.4 | 33.9 | 43.2 | 12.1 | 211.8 |
| 11 Succulent # | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 Total # | 73.1 | 133.1 | 5.1 | 28.4 | 33.9 | 43.2 | 12.1 | 211.8 |
| 13 Wholomilk # | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 Skim Milk # | --- | --- | --- | --- | 242.1 | 10.3 | 1107.0 | --- |
| 15 Powdered Milk # | --- | --- | --- | --- | 90.6 | 2.6 | --- | --- |
| 16 Whey # | --- | --- | --- | 1209.7 | --- | --- | --- | --- |
| 17 Mineral Feed # | .6 | --- | .05 | .1 | --- | --- | 2.8 | --- |
| 18 Salt # | .6 | --- | --- | .6 | .5 | --- | .3 | .7 |
| 19 Charcoal # | --- | --- | --- | .2 | --- | --- | --- | --- |

Table 24

Feed Required per 100 Pounds Pork Produced

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost of Producing 100 Pounds of Pork)

| 16 | 20 | 21 | 4 | 10 | 12 | 14 | 2 | 8 | 15 | Av. | |
|-------|--------|--------|--------|-------|--------|-------|--------|--------|---------|-------|----|
| 2300 | 720 | 1509 | 3205 | 614 | 810 | 850 | 160 | 414 | 140 | 2252 | 1 |
| 249.9 | ----- | 105.2 | 91.9 | ----- | 290.5 | 107.3 | 334.3 | ----- | 437.2 | 159.7 | 2 |
| 66.3 | ----- | 98.0 | 89.0 | 281.4 | 142.5 | 32.0 | 208.1 | 9.7 | 100.0 | 61.3 | 3 |
| 117.9 | ----- | 4.1 | 19.8 | 100.6 | 35.9 | 317.4 | 654.4 | 588.9 | 77.1 | 82.6 | 4 |
| 21.9 | ----- | 7.5 | ----- | ----- | 10.2 | 176.4 | 176.4 | ----- | 200.0 | 52.5 | 5 |
| ----- | ----- | 6.0 | ----- | 18.7 | 6.7 | ----- | ----- | 19.3 | 17.1 | 9.7 | 6 |
| 456.0 | ----- | 220.8 | 200.7 | 400.7 | 485.8 | 633.1 | 1373.2 | 617.9 | 831.4 | 365.8 | 7 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .2 | 8 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 9 |
| 45.1 | 54.2 | 13.3 | 146.6 | 244.8 | 46.2 | 81.5 | 170.0 | 126.8 | ----- | 51.3 | 10 |
| 41.3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 6.8 | 11 |
| 86.4 | 54.2 | 13.3 | 146.6 | 244.8 | 46.2 | 81.5 | 170.0 | 126.8 | ----- | 58.3 | 12 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 7.6 | 13 |
| 529.9 | 1894.6 | 1271.4 | 1966.0 | 807.8 | ----- | ----- | ----- | 5204.5 | 11203.6 | 645.9 | 14 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .1 | 15 |
| ----- | ----- | ----- | ----- | ----- | 1053.7 | ----- | ----- | ----- | ----- | 347.7 | 16 |
| ----- | ----- | ----- | .2 | ----- | ----- | ----- | ----- | ----- | ----- | .7 | 17 |
| ----- | ----- | .3 | 1.1 | ----- | ----- | ----- | ----- | ----- | ----- | .4 | 18 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 17.9 | .1 | 19 |

Table 25.

Cost of Keeping a Horse for One Year

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Cost of Horse Work per Hour)

| Farm Number | 21 | 9 | 19 | 4 | 11 | 13 | 7 | 17 | 8 | 14 |
|------------------------|-------|--------|--------|-------|-------|-------|--------|-------|--------|-------|
| Number of Horses | 4.09 | 2.08 | 2.90 | 4.0 | 2.0 | 4.46 | 4.0 | 3.0 | 3.36 | 3.12 |
| Crop Acres per Horse | | | | | | | | | | |
| Man Labor | 19.59 | 36.57 | 20.88 | 18.09 | 31.62 | 25.14 | 16.42 | 15.01 | 16.91 | 16.53 |
| Feed | 29.30 | 47.58 | 50.22 | 53.18 | 32.95 | 40.43 | 67.91 | 47.47 | 52.40 | 53.46 |
| Pasture | 3.76 | 3.53 | 5.89 | 3.87 | 7.40 | 4.55 | 2.24 | 6.68 | 6.92 | 5.06 |
| Depreciation | 1.22 | | 10.34 | 8.75 | 10.00 | 8.97 | 10.00 | 5.00 | 2.98 | 5.13 |
| Interest | 5.68 | 5.82 | 3.03 | 6.01 | 5.91 | 3.20 | 5.91 | 2.80 | 6.34 | 3.56 |
| Taxes & Insurance | 1.65 | 1.18 | .85 | .65 | 1.17 | .44 | 1.76 | .49 | 1.11 | .35 |
| Real Estate | 7.61 | 22.74 | 6.93 | 9.77 | 2.34 | 6.14 | 2.74 | 7.57 | 7.81 | 6.43 |
| Equipment | 6.86 | 9.69 | 4.58 | 3.70 | 3.20 | 2.75 | 8.06 | 3.39 | 5.76 | 4.05 |
| Veterinary & Medicine | 1.47 | | .53 | | | | | | .10 | |
| Miscellaneous | .45 | 3.96 | 1.76 | | .21 | | 1.86 | .53 | .59 | .59 |
| Gross Costs | 77.59 | 131.07 | 105.01 | 84.02 | 94.80 | 91.65 | 116.90 | 88.94 | 100.92 | 95.16 |
| Credit | | | | | | | | | | |
| Manure | 11.00 | 14.06 | 16.29 | 4.72 | 13.50 | 7.62 | 13.00 | 13.00 | 10.12 | 8.81 |
| Appreciation | | 15.22 | | | | | | | | |
| Other | | | | | | | | | | |
| Net Costs | 66.59 | 103.79 | 88.72 | 79.30 | 81.30 | 84.03 | 103.90 | 75.94 | 90.80 | 86.35 |
| Hours Worked per Horse | 805.7 | 1139.6 | 887.3 | 782.6 | 744.7 | 716.7 | 844.0 | 562.0 | 672.3 | 615.2 |
| Cost per Hour, ¢ | 8.3 | 9.1 | 10.0 | 10.1 | 10.9 | 11.7 | 12.3 | 13.5 | 13.5 | 14.0 |

Table 25

Cost of Keeping a Horse for One Year
 21 Farms in Barron County, Wisconsin, 1927-28
 (Farms Ranked in Order of Cost of Horse Work per Hour)

| Farm Number | 5 | 12 | 2 | 1 | 6 | 18 | 3 | 16 | 20 | 15 | 10 | Av. |
|------------------------|--------|-------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|
| Number of Horses | 2.0 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 4.83 | 6.0 | 2.11 | 2.62 | 3.17 |
| Crop Acres per Horse | 39.32 | 19.98 | 20.03 | 19.25 | 19.57 | 23.69 | 32.60 | 25.60 | 31.29 | 32.60 | 16.18 | 23.04 |
| Man Labor | 65.65 | 52.24 | 51.34 | 60.80 | 22.56 | 40.80 | 63.11 | 33.05 | 80.35 | 47.42 | 52.41 | 50.02 |
| Feed | 4.95 | 5.33 | 5.10 | 4.15 | 7.92 | 7.45 | 2.20 | 7.93 | 1.47 | 7.53 | 4.98 | 4.92 |
| Pasture | 20.00 | 6.67 | 10.00 | 10.00 | 10.00 | 20.00 | 17.50 | 31.05 | 8.33 | 11.85 | 9.54 | 10.30 |
| Depreciation | 10.45 | 3.58 | 4.58 | 3.16 | 2.48 | 2.20 | 7.08 | 5.75 | 4.90 | 3.19 | 2.25 | 4.66 |
| Interest | 1.98 | .47 | .85 | .71 | 1.53 | .66 | 1.18 | 1.21 | 2.52 | .28 | 1.35 | 1.12 |
| Taxes & Insurance | 8.64 | 3.79 | 15.27 | 2.69 | 12.72 | 5.39 | 9.41 | 5.62 | 16.19 | 4.96 | 5.87 | 8.14 |
| Real Estate | 7.18 | 5.26 | 6.45 | 1.98 | 3.21 | 3.91 | 4.36 | 2.52 | 6.42 | 6.03 | .54 | 4.69 |
| Equipment | 1.43 | .42 | 1.58 | --- | --- | --- | --- | --- | .06 | --- | --- | .26 |
| Veterinary & Medicines | 1.43 | 1.08 | 2.28 | --- | 5.55 | --- | .68 | 3.49 | .28 | .96 | --- | 1.07 |
| Miscellaneous | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gross Costs | 159.60 | 98.82 | 117.48 | 102.74 | 85.54 | 110.10 | 138.12 | 116.22 | 151.81 | 114.82 | 93.12 | 108.20 |
| Credit | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Manure | 13.50 | 6.75 | 8.25 | 15.00 | 6.98 | 9.50 | 12.00 | 5.74 | 12.50 | 2.98 | 12.21 | 10.27 |
| Appreciation | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | .41 |
| Other | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Net Costs | 146.10 | 92.07 | 109.23 | 87.74 | 78.56 | 100.60 | 126.12 | 110.48 | 139.31 | 111.84 | 80.91 | 97.52 |
| Hours Worked per Horse | 1040.2 | 634.3 | 736.3 | 589.0 | 496.0 | 632.0 | 740.0 | 639.0 | 797.6 | 631.7 | 357.6 | 716.9 |
| Cost per Hour, ¢ | 14.0 | 14.5 | 14.8 | 14.9 | 15.8 | 15.9 | 17.0 | 17.3 | 17.4 | 17.7 | 22.6 | 13.6 |

Table 26

Food and Labor per Horse

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Cost of Horse Work per Hour)

| Farm Number | 21 | 9 | 19 | 4 | 11 | 13 | 7 | 17 | 8 | 14 |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|
| 1 Number of Horses | 4.1 | 2.1 | 2.9 | 4.0 | 2.0 | 4.5 | 4.0 | 3.0 | 3.4 | 3.1 |
| 2 Man Labor per Horse | 73 | 135 | 77 | 67 | 117 | 93 | 61 | 56 | 63 | 61 |
| Concentrates | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 3 Farm Grains # | 514 | 932 | 1292 | 847 | 364 | 781 | 1934 | 1106 | 1476 | 1718 |
| 4 Bran # | 11 | 33 | --- | --- | --- | --- | 164 | --- | --- | --- |
| 5 Other # | --- | 75 | --- | 59 | --- | 42 | 40 | --- | --- | 108 |
| 6 Total # | 525 | 1040 | 1292 | 906 | 364 | 823 | 2138 | 1106 | 1476 | 1826 |
| High Protein | | | | | | | | | | |
| 7 Oil Meal # | --- | 7 | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 Gluten # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 Other # | --- | 8 | --- | --- | --- | --- | 55 | --- | --- | --- |
| 10 Total # | --- | 15 | --- | --- | --- | --- | 55 | --- | --- | --- |
| Dry Roughage | | | | | | | | | | |
| Low Protein | | | | | | | | | | |
| 11 Timothy # | --- | --- | --- | --- | --- | 1992 | 2550 | --- | --- | --- |
| 12 Corn Stover # | --- | --- | --- | 955 | --- | --- | --- | --- | --- | --- |
| 13 Other # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 Total # | --- | --- | --- | 955 | --- | 1992 | 2650 | --- | --- | --- |
| High Protein | | | | | | | | | | |
| 15 Alfalfa # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 Clover # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 Mixed & Other # | 2565 | 3620 | 3719 | 1249 | 3830 | 1831 | 2780 | 3832 | 4125 | 3412 |
| 18 Total # | 2565 | 3620 | 3719 | 1249 | 3830 | 1831 | 2780 | 3832 | 4125 | 3412 |
| Succulent Roughage | | | | | | | | | | |
| 19 Corn Silage # | --- | --- | --- | --- | --- | --- | --- | --- | --- | 164 |
| 20 Other # | --- | --- | --- | --- | --- | --- | --- | --- | --- | 164 |
| 21 Total # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 Skim Milk # | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 Straw # | 1942 | 1442 | 1778 | 2963 | 1137 | 1778 | 669 | 1438 | 847 | 1303 |
| 24 Salt # | 27 | 29 | 30 | 28 | 16 | 30 | 27 | 38 | 14 | 25 |
| 25 Pasture Days | 76 | 71 | 118 | 77 | 148 | 91 | 90 | 154 | 138 | 101 |
| 26 Cost Horse Work per Hour, ¢ | 8.3 | 9.1 | 10.0 | 10.1 | 10.9 | 11.7 | 12.3 | 13.5 | 13.5 | 14.0 |

Table 26

Food and Labor per Horse

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Cost of Horse Work per Hour)

| 5 | 12 | 2 | 1 | 6 | 18 | 3 | 16 | 20 | 15 | 10 | Av. | |
|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 2.0 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 4.8 | 6.0 | 2.1 | 2.6 | 3.2 | 1 |
| 146 | 74 | 74 | 71 | 73 | 88 | 121 | 95 | 116 | 121 | 60 | 85 | 2 |
| 1703 | 1811 | 1161 | 1696 | 163 | 536 | 1332 | 96 | 1090 | 764 | 789 | 1206 | 3 |
| 8 | --- | 33 | 77 | --- | --- | --- | 877 | --- | --- | --- | 18 | 4 |
| 150 | --- | --- | 254 | --- | --- | 69 | 141 | 44 | 142 | 19 | 54 | 5 |
| 1861 | 1011 | 1194 | 2027 | 163 | 536 | 1401 | 1114 | 1934 | 906 | 800 | 1278 | 6 |
| --- | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4 | 9 |
| --- | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | 4 | 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 293 | 11 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50 | 12 |
| 879 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 26 | 13 |
| 879 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 377 | 14 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 |
| --- | --- | --- | --- | --- | --- | 3425 | --- | 510 | --- | 378 | 164 | 16 |
| 3433 | 3864 | 4796 | 2904 | 1713 | 5479 | 1730 | 1344 | 4939 | 4609 | 4523 | 3222 | 17 |
| 3433 | 3864 | 4796 | 2904 | 1713 | 5479 | 5208 | 1344 | 5449 | 4609 | 4501 | 3306 | 18 |
| 323 | --- | --- | 1140 | 554 | --- | --- | --- | --- | --- | --- | 118 | 19 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 823 | --- | --- | 1140 | 554 | --- | --- | --- | --- | --- | --- | 118 | 21 |
| --- | --- | --- | --- | 250 | --- | --- | --- | --- | --- | --- | 8 | 22 |
| 606 | 574 | 756 | 1163 | 2200 | 998 | 1253 | 2272 | 1627 | 473 | 1449 | 1390 | 23 |
| 11 | 29 | 23 | 16 | 11 | 21 | 25 | 17 | 30 | 14 | 14 | 24 | 24 |
| 99 | 106 | 102 | 83 | 159 | 144 | 88 | 159 | 29 | 150 | 100 | 102 | 25 |
| 14.0 | 14.5 | 14.8 | 14.9 | 15.0 | 15.9 | 17.0 | 17.3 | 17.5 | 17.7 | 22.6 | 13.6 | 26 |

Tablo 27

Poultry Costs per Farm Flock

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Profit per Poultry Flock)

| Farm Number | 10 | 1 | 17 | 19 | 18 | 21 | 8 | 14 |
|---------------------------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1 Number of Poultry | 224 | 61 | 123 | 44 | 66 | 50 | 95 | 88 |
| Cost Items | | | | | | | | |
| 2 Man Labor \$ | 77.08 | 44.62 | 76.07 | 20.35 | 59.74 | 19.17 | 72.90 | 54.68 |
| 3 Horse Work \$ | --- | 2.30 | --- | --- | .32 | --- | --- | --- |
| 4 Feed \$ | 303.97 | 51.31 | 168.05 | 66.23 | 96.57 | 23.85 | 184.02 | 110.75 |
| 5 Depreciation \$ | --- | --- | --- | --- | 2.37 | --- | --- | --- |
| 6 Interest | 9.44 | 4.71 | 6.80 | 3.35 | 3.25 | 2.42 | 0.44 | 4.35 |
| 7 Taxes & Insurance \$ | .26 | .14 | .84 | .13 | .16 | .27 | .35 | .27 |
| 8 Real Estate \$ | 32.16 | 21.04 | 34.25 | 8.30 | 6.27 | 16.44 | 20.20 | 14.11 |
| 9 Equipment \$ | 10.21 | 1.63 | 3.77 | .54 | .71 | 3.93 | .18 | 3.41 |
| 10 Vet. & Mod. \$ | --- | --- | 5.50 | --- | --- | --- | --- | --- |
| 11 Other Costs \$ | .71 | --- | 3.66 | --- | --- | --- | --- | --- |
| 12 Overhead \$ | 11.13 | 5.06 | 17.88 | 2.81 | 6.75 | 2.07 | 5.82 | 2.51 |
| 13 Gross Cost \$ | 444.96 | 131.89 | 317.62 | 109.71 | 176.14 | 68.95 | 291.91 | 190.08 |
| Income Items | | | | | | | | |
| 14 Eggs Sold \$ | 425.68 | 52.29 | 110.05 | 11.61 | 123.31 | 33.72 | 204.01 | 110.13 |
| 15 Eggs Used \$ | 53.76 | 40.56 | 113.75 | 24.24 | 60.00 | 19.37 | 17.55 | 33.75 |
| 16 Increase \$ | 56.36 | 124.53 | 161.53 | 60.30 | --- | 13.15 | 54.96 | 26.11 |
| 17 Manure \$ | --- | 3.00 | 10.00 | 3.50 | 2.00 | 1.50 | 0.00 | 2.50 |
| 18 Total Income \$ | 535.80 | 220.30 | 396.13 | 119.65 | 105.31 | 67.74 | 204.52 | 160.49 |
| 19 Net Profit on Flock \$ | 90.84 | 88.49 | 78.51 | 9.94 | 9.17 | -1.21 | -7.39 | -9.59 |
| 20 Net Cost of Flock \$ | 444.96 | 120.89 | 307.62 | 106.22 | 174.14 | 67.45 | 283.91 | 187.58 |
| 21 No. Doz. Eggs Prod. | 1692 | 355 | 859 | 150 | 608 | 200 | 848 | 593 |
| 22 No. Doz. Eggs Sold | 1501 | 199 | 422 | 49 | 408 | 125 | 781 | 458 |

Table 27

Poultry Costs per Farm Flock

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Profit per Poultry Flock)

| 13 | 15 | 6 | 7 | 20 | 2 | 9 | 16 | 3 | 4 | Av. | |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|----|
| 60 | 215 | 37 | 50 | 73 | 19 | 77 | 135 | 63 | 94 | 83 | 1 |
| 91.26 | 204.93 | 24.23 | 34.90 | 43.67 | 40.16 | 47.18 | 204.32 | 22.95 | 179.55 | 73.66 | 2 |
| ----- | 4.34 | ----- | .26 | ----- | .67 | 1.64 | 2.07 | .60 | .30 | .70 | 3 |
| 140.59 | 594.32 | 49.01 | 111.69 | 169.45 | 40.90 | 203.43 | 220.05 | 105.23 | 71.05 | 151.04 | 4 |
| ----- | ----- | ----- | ----- | ----- | ----- | 45.01 | ----- | 53.53 | ----- | 5.61 | 5 |
| 6.54 | 13.05 | 2.02 | 2.16 | 3.23 | 1.10 | 3.46 | 0.55 | 2.69 | 6.79 | 5.19 | 6 |
| .11 | 1.73 | .21 | .09 | .25 | .02 | .53 | .20 | .14 | .03 | .32 | 7 |
| 23.38 | 59.73 | 32.09 | 17.22 | 32.82 | 22.22 | 40.76 | 34.07 | 21.20 | 10.04 | 24.04 | 8 |
| 1.53 | 19.20 | ----- | .06 | .07 | 1.90 | 7.87 | 12.11 | 3.10 | 2.16 | 4.02 | 9 |
| ----- | ----- | ----- | ----- | ----- | 1.00 | .25 | 2.10 | ----- | ----- | .49 | 10 |
| 2.01 | 14.53 | ----- | ----- | ----- | ----- | .50 | 5.30 | ----- | ----- | 1.48 | 11 |
| 8.60 | 20.85 | 2.54 | 2.99 | 12.60 | 7.44 | 13.41 | 20.88 | 5.94 | 4.01 | 0.56 | 12 |
| 202.02 | 932.68 | 110.90 | 169.37 | 262.09 | 115.49 | 369.12 | 517.65 | 215.54 | 274.73 | 276.71 | 13 |
| 166.97 | 743.92 | 19.92 | 69.96 | 110.23 | 15.73 | 212.02 | 30.75 | 36.54 | 9.13 | 139.09 | 14 |
| 45.90 | 65.68 | 40.50 | 43.00 | 53.02 | 15.33 | 55.00 | 59.92 | 13.00 | 63.02 | 45.50 | 15 |
| 51.42 | 91.16 | 15.00 | 10.10 | 30.63 | 18.03 | 3.75 | 263.98 | ----- | 4.74 | 55.91 | 16 |
| 4.00 | 4.50 | 1.50 | 8.00 | 9.00 | 2.25 | ----- | 1.88 | 4.00 | 2.00 | 3.76 | 17 |
| 268.29 | 905.26 | 76.92 | 131.06 | 211.68 | 52.14 | 271.57 | 356.53 | 54.42 | 78.89 | 244.26 | 18 |
| -13.73 | -27.42 | -33.98 | -30.31 | -50.41 | -63.35 | -97.55 | -161.12 | -161.12 | -195.04 | -32.45 | 19 |
| 278.02 | 928.18 | 109.40 | 161.37 | 253.09 | 113.24 | 369.12 | 515.77 | 211.54 | 272.73 | 272.95 | 20 |
| 784 | 2775 | 242 | 450 | 660 | 149 | 1064 | 324 | 202 | 313 | 682 | 21 |
| 614 | 2549 | 80 | 270 | 453 | 76 | 844 | 110 | 147 | 39 | 507 | 22 |

Table 28

Feed and Labor per Farm Flock

18 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Profit per Poultry Flock)

| Farm Number | 10 | 1 | 17 | 19 | 18 | 21 | 8 | 14 | 13 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Size of Flock | 234 | 61 | 123 | 44 | 66 | 50 | 95 | 80 | 60 |
| Concentrates | | | | | | | | | |
| 2 Corn # | 100 | 880 | 1722 | 470 | 1099 | 200 | 2047 | 1120 | 2370 |
| 3 Oats # | 4131 | 244 | 1600 | 2092 | 1783 | 1000 | 2380 | 3304 | 619 |
| 4 Barley # | 2539 | 429 | 611 | 625 | 212 | ----- | 2716 | 565 | 1241 |
| 5 Wheat # | 200 | ----- | ----- | ----- | 100 | ----- | ----- | ----- | 750 |
| 6 Chick Feed # | 6240 | 400 | 3150 | 234 | 1245 | ----- | 154 | 130 | 200 |
| 7 Chick Mash # | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 8 Other # | 300 | 565 | 250 | 180 | 760 | 50 | 690 | 710 | 1301 |
| 9 Total # | 13510 | 2510 | 7333 | 3601 | 5199 | 1250 | 8787 | 5925 | 6549 |
| 10 Skim Milk # | 300 | ----- | ----- | ----- | ----- | 540 | 4012 | ----- | 360 |
| 11 Powdered Milk # | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 100 |
| 12 Milk # | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 13 Salt # | ----- | ----- | ----- | ----- | 7 | ----- | 2 | ----- | 6 |
| 14 Straw # | 4882 | 360 | 1354 | 491 | 1052 | ----- | 943 | 1210 | 3903 |

Table 28

Food and Labor per Farm Flock

18 Farms in Barron County, Wisconsin, 1927-28.

(Farms Ranked in Order of Net Profit per Poultry Flock)

| 15 | 6 | 7 | 20 | 2 | 9 | 16 | 3 | 4 | Average 100 Head | |
|-------|------|------|------|------|------|------|------|------|---------------------|----|
| 215 | 37 | 50 | 73 | 19 | 77 | 135 | 63 | 94 | 100.00 | 1 |
| 2377 | 302 | 2126 | 1020 | 375 | 935 | 980 | 300 | 1997 | 1334.9 | 2 |
| 2076 | 1124 | 2243 | 1376 | 303 | 1672 | 1902 | 810 | 100 | 1819.5 | 3 |
| 5024 | --- | 457 | 702 | 200 | 100 | 2299 | 1277 | 1377 | 1276.5 | 4 |
| 2233 | --- | --- | --- | 100 | 100 | --- | 366 | --- | 240.8 | 5 |
| 1005 | 730 | 100 | 1506 | 615 | 2940 | 4025 | 1495 | 43 | 1527.1 | 6 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7 |
| 1964 | 207 | 431 | 1500 | 235 | 1460 | 417 | 705 | 175 | 750.4 | 8 |
| 14759 | 2523 | 5357 | 6104 | 1033 | 7207 | 9703 | 4953 | 3692 | 6949.2 | 9 |
| 10685 | 992 | 3092 | 7412 | --- | 3359 | 3050 | --- | 560 | 2428.5 | 10 |
| --- | --- | --- | --- | --- | 60 | --- | --- | --- | 10.0 | 11 |
| --- | --- | --- | --- | --- | 620 | --- | --- | --- | 38.0 | 12 |
| 14 | --- | 6 | 18 | 1 | 10 | 5 | --- | --- | 4.3 | 13 |
| 812 | 462 | 590 | 2315 | 374 | 1520 | 3119 | 1296 | 1041 | 1662.8 | 14 |

Classification of Farm Area

The average size of these 21 Barron County farms was 117 acres. 2.84 acres were in farmstead, 7.24 acres were in rotation pasture, 43.77 acres were in woods and permanent pasture, .69 acres were waste land, and 62.46 acres were in crops.

The principal crops grown in this area were corn, oats, barley, and hay. These four crops accounted for 90 per cent of the crop area. Such cash crops as potatoes and canning peas accounted for most of the remaining crop land.

Sixty two per cent of the farm area was improved land, that is, crop land and rotation pasture. The variation in the proportion of improved land on these farms was from 33.09 per cent on Farm 11 to 83.41 per cent on Farm 14 (Table 29).

The acres of feed crops per unit of livestock is an indication of how heavily the farms were stocked. Farms 5 and 6 were the most heavily stocked, and farms 7 and 21 were the least heavily stocked. As a rule, the more heavily stocked farms had the greater expense for purchased feeds, because there were not enough feed crops on such farms to furnish all of the feed for the stock raised.

Corn Silage

Corn was grown on 23 per cent of the crop land, or an average of 14 acres per farm. Ninety per cent of the corn acreage, or 12.14 acres, was put into the silo. The variation in the acres of corn grown for silage was from 4.6 acres on Farm 12, to 35.7 acres on Farm 20.

The average yield per acre of corn silage was 5.6 tons. This yield was low, due to a wet, cold spring which was unfavorable for corn production. The range in yields per acre was from 3.07 tons on Farm 7 to 9.74 tons on Farm 9 (Table 30). As a rule, the farms having the higher yields, had the lower costs per ton. This was because the expense of putting in and caring for a poor

yield of corn was almost as great as the expense of putting in and caring for a good yield of corn. The higher yielding fields had their expenses shared by more tons of silage than the poor yielding fields, which made the cost per ton less.

The average time required to plant, cultivate, and harvest an acre of corn silage was 23.6 man hours, 38.4 horse hours, and 1.6 tractor hours (Table 30). As would be expected, farms having no tractors required more hours of man labor and horse work to produce an acre of corn silage than did farms using tractors. Tractor power, although more expensive than horse power, made possible a considerable saving in man labor due to the shorter time required to do the field work. The saving of man labor in the production of corn silage was 7.6 hours per acre on those farms using tractors over those farms using horses alone.

The net cost of producing an acre of corn silage, after making a deduction for pasture and other credits was \$33.26. The average yield obtained was 5.6 tons, so the cost per ton amounted to \$5.94. This cost was higher than it would be for most years because of the low yields obtained by the farmers for the year of this study.

The principal items of cost per acre were for man labor, horse work, tractor power, interest, equipment, and manure. Those six costs composed 80 per cent of the gross costs. A summary of expense and credit items follows:-

Costs of Corn Silage per Acre

| | |
|--------------------------------|-------------|
| Man Labor ----- | \$6.36 |
| Horse Work ----- | 5.25 |
| Tractor Power ----- | 1.68 |
| Interest ----- | 4.68 |
| Equipment ----- | 1.94 |
| Manure ----- | 7.10 |
| All Other ----- | <u>6.88</u> |
| Gross Costs ----- | \$33.89 |
| Less Pasture & Other Credits | .63 |
| Net Cost Silage per Acre ----- | \$33.26 |
| Net Cost Silage per Ton ----- | \$5.94 |

The variation in the costs per ton of producing corn silage was from \$3.83 on Farm 14 to \$10.52 on Farm 5. The low cost per ton (\$3.83) on Farm 14 was caused primarily by the high yield of silage obtained. The high cost per ton

(\$10.52) on Farm 5 was caused by a low yield per acre along with a very high cost for man labor and horse work. The 13 farms with yields higher than average, produced corn silage at a cost of \$4.79 per ton. The 8 farms with yields less than average, however, had costs of \$7.71 per ton. This shows the importance of high production in the reduction of silage costs.

Potatoes

Potatoes were produced on 15 of the 21 farms. The acreage in potatoes varied from .24 acres on Farm 18 to 12.4 acres on Farm 13, - the average being 3.5 acres per farm.

The yield on these 15 farms averaged 100 bushels to the acre. The variation in yields was from 36.8 bushels per acre on Farm 10 to 193 bushels per acre on Farm 5.

62.8 hours of man labor, 53.1 hours of horse work, and .5 hours of tractor power were required for each acre of potatoes produced (Table 31). The variation in the man labor required was from 20.2 hours on Farm 1 to 98.4 hours on Farm 12. The variation in the amount of horse work required was from 11.7 hours on Farm 10 to 79.3 hours on Farm 5. As was the case in the production of corn silage, the farms having tractors required less man labor than did those not having tractors. The use of the tractor apparently resulted in a saving of 15.8 hours of man labor per acre of potatoes.

The cost per acre of producing potatoes was \$50.88 (Table 31). The principal items of cost were man labor, horse work, interest, equipment, seed and manure. These six items amounted to 87 per cent of the total costs.

A summary of the main items of cost follows:-

Costs of Producing Potatoes

| | |
|-----------------------|----------------|
| Man Labor ----- | \$16.96 |
| Horse Work ----- | 7.46 |
| Interest ----- | 4.27 |
| Equipment ----- | 3.31 |
| Seed ----- | 8.26 |
| Manure ----- | 4.12 |
| All Other Costs ----- | 6.50 |
| Total Costs ----- | <u>\$50.88</u> |

The variation in the cost per bushel was from 32.9 cents on Farm 2 to \$1.16 on Farm 4. The low cost on Farm 2 was due primarily to the high yield of 192.9 bushels per acre. The high cost on Farm 4 was caused partly by the low yield per acre of 37.5 bushels and partly by the high equipment charge of \$13.67 per acre. Farms 19, 12, 17, and 16 had very high man labor costs.

In general, costs per bushel were in inverse proportion to the yields, that is, high yields meant low costs and low yields meant high costs. For example, the 9 farms in this group having more than average yields produced potatoes at a cost of 42 cents per bushel. Those farms having less than average yields, produced potatoes at a cost of 82 cents per bushel. The importance of yields in reducing costs is obvious.

Oats

These Barron County farms had an average of 15.6 acres in oats. This was about 25 per cent of their total crop area. The variation in the acreages in oats was from 5.0 acres on Farm 15 to 41.7 acres on Farm 7.

The average yield of oats was 37.2 bushels per acre. The range in yields was from 18.2 bushels on Farm 16 to 61.5 bushels on Farm 1.

The production of an acre of oats required 12.4 hours of man labor, 16.7 hours of horse work, and 1.27 hours of tractor power. The variation in the man labor required was from 5.2 hours on Farm 20 to 27.3 hours on Farm 5. The use of a tractor in oat production resulted in a saving of 2.5 hours of man labor per acre.

The cost of producing oats per acre, after deducting credits for straw and pasture, was \$19.61. The principal items of cost were: - (Table 32).

Costs of Producing Oats

| | |
|--------------------------------------|---------|
| Man Labor - - - - - | \$3.35 |
| Horse Work - - - - - | 2.16 |
| Tractor Power - - - - - | 1.23 |
| Interest - - - - - | 4.75 |
| Equipment - - - - - | 1.35 |
| Threshing - - - - - | 1.12 |
| Manure & Fertilizer - - - - - | 3.49 |
| All Other Costs - - - - - | 5.11 |
| Gross Costs | \$22.61 |
| Less Credits for Pasture & Straw - - | \$3.00 |
| Net Cost per Acre - - - - - | \$19.61 |
| Net Cost per Bushel - - - - - | \$.53 |

The average cost per bushel was 53 cents. The range in cost was from 32 cents on Farm 14 to 85.8 cents on Farm 21. In general, the farms having the higher yields had the lower costs per bushel.

Barley

Barley was produced on 17 of the 21 farms. These 17 farms had an average of 8.4 acres of barley, which was about half the acreage these farms had of oats. The smallest acreage of barley was 1.7 acres on Farm 11, and the largest was 18.8 acres on Farm 20.

The labor required for the production of an acre of barley was 15.1 hours of man labor, 19.8 hours of horse work, and .9 hours of tractor power.

The average yield per acre of barley was 31.8 bushels. The range in yields was from 15.6 bushels on Farm 7 to 49.5 bushels on Farm 3.

About one third more feed per acre was obtained from barley than from oats, when figured at the average yields obtained on these Barron County farms. Barley was also a good substitute for corn in the production of pork.

The cost per acre of producing barley, after deducting credits for straw and pasture, was \$23.13. The variation in cost per acre was from \$16.73 on Farm 7 to \$34.39 on Farm 19. The low cost on Farm 7 was due to the small amounts of man labor, horse work, and manure used. The highest cost was on Farm 19, which used almost double the usual amounts of man labor and horse work, and had more than average costs for equipment, thrashing, manure, and overhead charges.

The principal items of costs and credits in the production of an acre of barley were:-

Costs of Producing Barley

| | |
|----------------------------------|---------|
| Man Labor - - - - - | \$4.08 |
| Horse Work - - - - - | 2.85 |
| Interest - - - - - | 4.67 |
| Equipment - - - - - | 1.46 |
| Manure - - - - - | 5.34 |
| Overhead - - - - - | 2.16 |
| All Other - - - - - | 5.47 |
| Gross Costs per Acre | \$26.03 |
| Less Credits for Straw & Pasture | 2.90 |
| Net Cost per Acre | \$23.13 |
| Net Cost per Bushel | .73 |

The average cost per bushel was 73 cents. The range in costs per bushel was from 41.1 cents on Farm 3 to \$1.12 on Farm 2. The low cost on Farm 3 was the result of the yield per acre, which was the highest obtained on any of these farms. The high cost on Farm 2 was caused by a yield one third lower than average, and a net cost per acre 11 per cent higher than average.

The two factors determining the cost per bushel were the yield per acre and the operating costs per acre. Those farms with low operating costs and high yields had the lower per bushel costs. It is possible, however, to get high yields at such high operating costs as to make production unprofitable. Generally, however, high yields are not the result of greatly increased costs per acre.

Mixed Hay

Tame hay was produced on all of these farms, the average acreage being 19.2. The acreages found on the different farms ranged from 9.6 acres on Farm 1 to 49.5 acres on Farm 7.

It took an average of 9.1 hours of man labor and 11.4 hours of horse work to produce an acre of mixed hay. The amount of man labor required per acre ranged from 4.2 hours on Farm 3 to 14.2 hours on Farm 11. The variation in the amount of horse work required per acre was from 5.7 hours on Farm 6, to 17.2 hours on Farm 19 (Table 34).

The cost of producing an acre of mixed hay, after deducting credits for pasture, was \$17.76. The main items of cost and credit were:-

Costs of Producing an Acre of Mixed Hay

| | |
|----------------------------|----------------|
| Man Labor ----- | \$2.46 |
| Horse Work ----- | 1.54 |
| Interest ----- | 4.62 |
| Equipment ----- | 1.24 |
| Manure ----- | 5.87 |
| All Other ----- | 2.68 |
| Gross Costs per Acre | <u>\$18.41</u> |
| Less Credits ----- | .65 |
| Net Cost per Acre ----- | \$17.76 |
| Yield per Acre, tons ----- | 1.90 |
| Net Cost per ton ----- | <u>\$9.24</u> |

The average cost of producing a ton of hay was \$9.24. The range in cost per ton was from \$4.57 on Farm 19 to \$15.43 on Farm 6. The cause of this variation was largely the differences in the yields obtained. Farm 19, which had the lowest cost per ton had a yield of 3.23 tons per acre, while Farm 6, which had the highest cost per ton, had a yield of but 1.02 tons per acre. The per acre costs were practically the same on each of these farms.

The importance of obtaining high yields per acre, providing this can be done at not too high a cost, cannot be overemphasized. Those farmers in this group who had more than average yields, produced hay at a cost of \$8.10 per ton, while those farmers with yield less than average had costs of \$11.90 per ton. Although high yields usually mean low costs per ton, this is not true if operating costs are abnormally high. Farm 20, for instance, had a yield 23 per cent higher than average, yet had a cost per ton of \$14.10. This was due to unusually high operating costs on this farm.

Table 25

Classification of Farm Area

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Total Acres per Farm)

| Farm Number | 20 | 7 | 8 | 21 | 4 | 16 | 6 | 13 | 17 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Total Area | 269.2 | 232.3 | 103.1 | 157.1 | 156.3 | 155.3 | 121.2 | 117.7 | 116.6 |
| 2 Farmstead | 4.2 | 3.9 | 4.9 | 2.0 | 5.0 | 3.1 | 2.5 | 3.7 | 3.9 |
| 3 Rotation Pasture | 91.0 | 23.7 | ----- | 6.2 | ----- | ----- | ----- | ----- | 15.3 |
| 4 Permanent Pasture | 53.4 | 43.3 | 106.3 | 51.0 | 73.1 | 77.5 | 69.6 | 49.7 | 32.3 |
| 5 Waste | 2.2 | 2.6 | ----- | ----- | 1.3 | .3 | ----- | 2.1 | ----- |
| 6 Total Crop Acres | 117.6 | 156.0 | 71.9 | 96.3 | 76.9 | 74.4 | 49.1 | 62.2 | 64.6 |
| 7 Corn Silage | 35.7 | 30.6 | 9.4 | 13.3 | 9.1 | 14.4 | 7.3 | 11.3 | 15.4 |
| 8 Corn Grain | ----- | 7.6 | 1.5 | 3.0 | 2.0 | ----- | .5 | ----- | 4.0 |
| 9 Other Corn | ----- | 4.9 | ----- | 1.2 | 3.0 | ----- | .2 | ----- | 1.5 |
| 10 Sweet Corn | 17.2 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 11 Oats | 16.4 | 41.7 | 25.3 | 6.2 | 33.3 | 30.2 | 11.1 | 14.0 | 17.2 |
| 12 Oats & Barley | ----- | ----- | ----- | 23.6 | ----- | ----- | ----- | ----- | ----- |
| 13 Barley | 10.6 | 12.1 | 12.6 | ----- | 15.3 | 9.6 | ----- | 6.1 | 6.6 |
| 14 Potatoes | 10.0 | 4.7 | ----- | 3.9 | 1.2 | 4.4 | ----- | 12.4 | .6 |
| 15 Peas | ----- | ----- | ----- | ----- | ----- | ----- | 10.2 | ----- | ----- |
| 16 Alfalfa | ----- | ----- | ----- | ----- | 3.0 | 5.5 | 2.9 | ----- | ----- |
| 17 Clover | ----- | 12.7 | 8.2 | ----- | ----- | ----- | ----- | ----- | ----- |
| 18 Mixed Hay | 19.5 | 36.0 | 14.9 | 45.1 | 9.2 | 10.3 | 8.9 | 15.0 | 15.3 |
| 19 Other Crop Land | ----- | 7.7 | ----- | ----- | ----- | ----- | ----- | 2.9 | ----- |
| 20 Per Cent Improved Land | 79.34 | 80.25 | 41.94 | 67.03 | 52.37 | 49.89 | 42.57 | 55.93 | 71.37 |
| 21 Per Cent Improved Land in Food Crops | 42.32 | 32.67 | 93.62 | 37.75 | 90.03 | 90.32 | 59.88 | 75.57 | 74.58 |
| 22 Food Crop Acres per Livestock Unit | 1.70 | 4.57 | 2.01 | 2.60 | 1.81 | 1.92 | 1.42 | 2.32 | 1.91 |

Table 29

Classification of Farm Area

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Total Acres per Farm)

| 11 | 10 | 15 | 14 | 3 | 19 | 2 | 9 | 12 | 18 | 1 | 5 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 97.9 | 94.3 | 81.5 | 80.5 | 79.4 | 78.6 | 78.1 | 76.9 | 74.5 | 71.8 | 69.6 | 65.1 | 117.0 | 1 |
| .8 | 2.4 | 2.6 | 3.0 | 2.9 | 2.4 | 1.7 | 2.0 | 1.1 | 1.2 | 3.2 | 2.5 | 2.8 | 2 |
| ----- | ----- | ----- | 8.2 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 7.0 | 7.2 | 3 |
| 65.5 | 26.7 | 44.6 | 13.2 | 19.3 | 38.0 | 27.3 | 21.4 | 43.9 | 28.2 | 16.8 | 16.5 | 43.8 | 4 |
| ----- | ----- | .2 | .2 | 4.0 | ----- | .4 | ----- | 1.0 | ----- | ----- | ----- | .7 | 5 |
| 31.6 | 65.2 | 34.1 | 55.9 | 53.2 | 38.2 | 48.7 | 53.5 | 28.5 | 42.4 | 49.6 | 39.1 | 62.5 | 6 |
| 7.1 | 14.8 | 7.9 | 6.3 | 8.1 | 6.3 | 12.1 | 11.5 | 4.6 | 8.6 | 13.3 | 5.3 | 12.2 | 7 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 2.2 | ----- | 2.0 | ----- | 1.1 | 8 |
| ----- | ----- | ----- | 1.0 | 3.0 | ----- | ----- | ----- | 1.5 | ----- | 2.0 | ----- | .9 | 9 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .8 | 10 |
| 6.4 | 14.6 | 5.0 | 18.4 | 14.0 | 14.4 | 8.1 | 13.1 | ----- | 8.2 | 7.4 | 6.4 | 14.8 | 11 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 1.1 | 12 |
| 1.7 | ----- | 5.1 | 5.8 | 8.4 | 2.0 | 7.0 | 8.1 | 4.7 | 8.9 | 10.0 | ----- | 6.8 | 13 |
| ----- | 5.9 | ----- | 1.9 | 4.7 | 3.9 | 1.4 | 1.2 | .3 | .2 | 1.6 | 8.6 | 3.2 | 14 |
| ----- | 9.0 | ----- | ----- | ----- | ----- | 3.7 | ----- | ----- | ----- | ----- | ----- | 1.5 | 15 |
| ----- | 4.7 | .9 | ----- | ----- | ----- | 1.9 | 4.5 | 1.2 | 1.7 | 5.3 | 11.7 | 2.1 | 16 |
| ----- | ----- | 4.0 | ----- | ----- | ----- | ----- | 2.7 | ----- | ----- | ----- | ----- | 1.3 | 17 |
| 16.4 | 16.2 | 9.8 | 22.5 | 15.0 | 9.6 | 12.4 | 12.4 | 12.5 | 14.8 | 4.3 | 7.1 | 15.8 | 18 |
| ----- | ----- | 1.4 | ----- | ----- | ----- | 2.1 | ----- | 1.5 | ----- | 3.7 | ----- | .9 | 19 |
| 33.09 | 71.66 | 45.06 | 63.41 | 70.69 | 51.67 | 64.57 | 72.13 | 39.77 | 60.75 | 75.87 | 74.71 | 62.02 | 20 |
| 97.53 | 74.47 | 92.92 | 78.99 | 81.11 | 84.48 | 78.57 | 94.32 | 90.11 | 96.70 | 80.16 | 62.76 | 77.32 | 21 |
| 2.02 | 2.12 | 1.53 | 2.16 | 2.42 | 1.54 | 2.26 | 1.79 | 1.90 | 1.89 | 1.61 | 1.33 | 2.07 | 22 |

Table 30

Cost of Producing Corn Silage per Acre

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Ton)

| Farm Number | 14 | 11 | 4 | 17 | 1 | 12 | 10 | 3 | 9 |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Acres in Corn Silage | 6.3 | 7.1 | 9.1 | 15.4 | 13.3 | 4.6 | 8.6 | 8.1 | 11.5 |
| 2 Yield per Acre | 0.49 | 0.45 | 7.25 | 7.10 | 7.22 | 7.39 | 6.74 | 7.20 | 9.74 |
| Labor per Acre | | | | | | | | | |
| 3 Man Hours | 25.0 | 32.0 | 23.5 | 23.6 | 15.6 | 25.3 | 23.9 | 21.1 | 46.0 |
| 4 Horse Hours | 48.3 | 45.5 | 45.3 | 25.2 | 33.0 | 50.0 | 31.5 | 36.3 | 70.9 |
| 5 Tractor Hours | ----- | 3.4 | ----- | 4.6 | .2 | ----- | 3.0 | 2.7 | 3.2 |
| Cost Items | | | | | | | | | |
| 6 Man Labor | 6.75 | 8.07 | 6.34 | 6.30 | 4.22 | 6.04 | 6.47 | 5.70 | 12.43 |
| 7 Horse Work | 6.79 | 4.97 | 4.59 | 3.40 | 4.89 | 7.36 | 5.02 | 6.19 | 6.46 |
| 8 Tractor Power | ----- | .41 | ----- | 4.38 | .10 | ----- | 2.39 | 3.94 | 3.52 |
| 9 Interest | 3.03 | 2.75 | 6.05 | 4.13 | 4.95 | 4.40 | 3.30 | 5.66 | 6.07 |
| 10 Taxes & Insurance | 1.22 | .90 | .90 | 1.71 | 1.24 | 1.10 | 1.06 | 1.43 | 1.75 |
| 11 Equipment | 1.99 | .94 | 1.02 | 2.04 | 1.57 | 3.25 | 2.17 | 3.71 | 2.35 |
| 12 Silo Filling | 3.00 | .54 | 1.66 | 2.25 | .54 | 1.79 | .71 | .83 | 1.20 |
| 13 Seed | 1.43 | .61 | .82 | .50 | .69 | .70 | .89 | 1.23 | .70 |
| 14 Twine | .50 | .34 | .44 | .41 | .65 | .39 | .38 | .46 | .82 |
| 15 Manure | 5.93 | 9.74 | 5.21 | 4.56 | 12.94 | 7.66 | 8.49 | 5.74 | 10.08 |
| 16 Overhead | 1.04 | 3.31 | 2.31 | 4.63 | 3.30 | 2.64 | 2.50 | 1.83 | 4.19 |
| 17 Miscellaneous | ----- | ----- | ----- | ----- | 3.60 | ----- | ----- | ----- | ----- |
| 18 Total Cost | 32.56 | 33.30 | 29.34 | 34.47 | 30.65 | 36.33 | 33.33 | 36.77 | 50.53 |
| Income Items | | | | | | | | | |
| 19 Corn Silage | 42.46 | 42.25 | 36.26 | 35.00 | 36.09 | 36.95 | 33.72 | 36.42 | 40.70 |
| 20 Pasture | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 21 Other | ----- | ----- | ----- | ----- | 3.62 | ----- | ----- | .61 | 1.21 |
| 22 Total Income | 42.46 | 42.25 | 36.26 | 35.00 | 39.71 | 36.95 | 33.72 | 37.03 | 49.91 |
| 23 Net Profit per Acre | 9.90 | 8.87 | 6.92 | 1.41 | 1.06 | .62 | .34 | .26 | -.62 |
| 24 Net Cost per Ton | 3.03 | 3.95 | 4.05 | 4.00 | 4.05 | 4.92 | 4.95 | 4.96 | 5.06 |

Tablo 3C

Cost of Producing Corn Silage per Acre

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Ton)

| 15 | 8 | 16 | 6 | 21 | 13 | 7 | 19 | 20 | 2 | 10 | 5 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|----|
| 7.9 | 9.4 | 14.4 | 7.3 | 13.3 | 11.8 | 30.6 | 8.3 | 35.7 | 12.1 | 14.0 | 5.3 | 12.1 | 1 |
| 5.82 | 7.87 | 5.14 | 6.58 | 4.44 | 4.96 | 3.07 | 5.18 | 4.54 | 3.43 | 3.34 | 5.47 | 5.6 | 2 |
| 22.4 | 29.4 | 20.3 | 15.4 | 24.4 | 36.6 | 16.1 | 35.7 | 17.7 | 18.0 | 15.8 | 64.1 | 23.6 | 3 |
| 37.6 | 33.9 | 39.2 | 20.5 | 50.3 | 48.6 | 25.1 | 66.9 | 38.1 | 33.1 | 16.5 | 70.8 | 38.4 | 4 |
| .5 | 4.3 | --- | 2.6 | --- | --- | 2.2 | --- | .5 | 1.0 | 5.1 | --- | 1.63 | 5 |
| 6.07 | 7.14 | 5.40 | 4.16 | 6.59 | 9.07 | 4.36 | 9.66 | 4.73 | 5.06 | 4.28 | 17.34 | 6.36 | 6 |
| 6.65 | 4.58 | 6.70 | 3.24 | 4.15 | 5.70 | 3.09 | 6.69 | 6.65 | 4.91 | 3.75 | 11.07 | 5.25 | 7 |
| .63 | 4.37 | --- | 3.56 | --- | --- | 1.57 | --- | 1.54 | 1.21 | 4.55 | --- | 1.60 | 8 |
| 2.47 | 5.50 | 4.40 | 4.40 | 5.50 | 3.30 | 5.50 | 3.30 | 4.23 | 5.50 | 5.50 | 4.12 | 4.60 | 9 |
| .94 | 1.18 | 1.04 | .09 | 1.39 | .70 | 1.22 | .06 | 1.62 | .97 | 1.86 | .00 | 1.27 | 10 |
| 2.62 | 3.63 | 1.33 | 4.13 | 1.52 | 2.39 | 1.04 | 2.77 | 1.19 | 1.37 | 1.40 | 6.00 | 1.94 | 11 |
| 2.34 | 1.69 | 1.79 | 1.32 | 1.43 | 2.24 | .55 | .55 | 1.55 | .83 | .96 | .01 | 1.34 | 12 |
| .95 | .73 | .03 | .92 | .05 | .79 | .55 | .57 | .20 | 1.07 | .93 | .05 | .73 | 13 |
| .33 | .43 | .53 | .27 | .43 | .33 | .35 | .60 | .29 | .37 | .25 | .55 | .42 | 14 |
| 6.75 | 9.56 | 6.58 | 16.18 | 5.94 | 6.06 | 2.77 | 7.18 | 7.66 | 3.45 | 7.40 | 11.29 | 7.10 | 15 |
| 1.95 | 2.22 | 2.23 | 1.67 | 1.89 | 2.16 | 1.08 | 5.96 | 4.60 | 2.92 | 2.65 | 3.91 | 2.06 | 16 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.49 | --- | --- | .26 | 17 |
| 31.70 | 41.73 | 30.99 | 40.74 | 29.69 | 33.54 | 22.08 | 30.14 | 34.39 | 29.15 | 33.61 | 57.54 | 33.89 | 18 |
| 29.11 | 39.36 | 25.69 | 32.88 | 22.18 | 24.79 | 15.36 | 25.90 | 22.69 | 17.15 | 16.72 | 27.36 | 28.02 | 19 |
| --- | --- | --- | 1.03 | --- | --- | --- | --- | .91 | 1.00 | .28 | --- | .24 | 20 |
| 1.58 | --- | 1.74 | --- | --- | --- | --- | --- | --- | --- | --- | --- | .39 | 21 |
| 30.69 | 39.36 | 27.43 | 33.91 | 22.18 | 24.79 | 15.36 | 25.90 | 23.60 | 18.15 | 17.00 | 27.36 | 26.65 | 22 |
| -1.01 | -2.37 | -3.56 | -6.83 | -7.51 | -8.75 | -6.72 | -12.24 | -10.79 | -11.00 | -16.61 | -30.18 | -5.24 | 23 |
| 5.17 | 5.30 | 5.69 | 6.04 | 6.69 | 6.76 | 7.19 | 7.36 | 7.38 | 8.20 | 9.97 | 10.52 | 5.94 | 24 |

Table 31

Cost of Producing Potatoes per Acre

15 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Bushel)

| Farm Number | 2 | 5 | 3 | 7 | 19 | 10 | 14 | 1 |
|---------------------------|--------|--------|-------|-------|-------|-------|-------|-------|
| 1 Acres in Potatoes | 1.4 | 8.6 | 4.7 | 4.7 | 3.9 | .24 | 1.9 | 1.58 |
| 2 Yield per Acre, Bu. | 192.9 | 193.0 | 127.6 | 106.3 | 141.0 | 104.2 | 105.3 | 57.0 |
| Labor per Acre | | | | | | | | |
| 3 Man Hours | 65.3 | 63.5 | 30.2 | 40.0 | 94.7 | 60.7 | 81.8 | 20.2 |
| 4 Horse Hours | 74.2 | 79.3 | 38.3 | 60.6 | 54.2 | 43.7 | 56.3 | 18.7 |
| 5 Tractor Hours | ----- | ----- | 1.1 | ----- | ----- | ----- | ----- | ----- |
| Cost Items | | | | | | | | |
| 6 Man Labor \$ | 17.65 | 22.54 | 8.16 | 12.94 | 25.58 | 10.50 | 22.10 | 5.46 |
| 7 Horse Work \$ | 10.30 | 11.13 | 6.52 | 7.46 | 4.50 | 6.96 | 7.90 | 2.75 |
| 8 Tractor Power \$ | ----- | ----- | 1.54 | ----- | ----- | ----- | ----- | ----- |
| 9 Interest \$ | 5.50 | 4.13 | 4.13 | 5.50 | 3.30 | 3.21 | 3.04 | 4.94 |
| 10 Taxes & Insurance \$ | .97 | .80 | 1.08 | .99 | .86 | 1.08 | 1.23 | 1.23 |
| 11 Equipment \$ | .33 | 5.04 | 6.72 | 3.53 | .93 | 1.37 | .61 | .45 |
| 12 Seed \$ | 16.53 | 5.58 | 11.44 | 9.19 | 13.45 | 10.00 | 10.10 | 8.51 |
| 13 Manure \$ | 5.02 | 11.95 | 2.97 | 2.88 | 5.06 | 3.12 | 2.22 | 2.93 |
| 14 Miscellaneous \$ | ----- | 2.53 | 7.56 | ----- | ----- | ----- | ----- | ----- |
| 15 Overhead \$ | 6.34 | 4.71 | 2.63 | 2.23 | 10.10 | 3.64 | 1.54 | 1.99 |
| 16 Total Cost \$ | 63.44 | 69.21 | 52.85 | 44.72 | 64.58 | 47.96 | 40.74 | 28.26 |
| Income | | | | | | | | |
| 17 Potatoes Produced \$ | 115.71 | 115.81 | 76.59 | 63.63 | 84.62 | 62.50 | 63.16 | 34.18 |
| 18 Net Profit per Acre \$ | 52.27 | 46.60 | 23.74 | 19.11 | 20.04 | 14.54 | 14.42 | 5.92 |
| 19 Net Cost per Bushel \$ | 32.9 | 35.9 | 41.4 | 42.0 | 45.8 | 46.0 | 46.3 | 49.6 |

Table 31

Cost of Producing Potatoes per Acre

15 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Bushel)

| 12 | 17 | 13 | 10 | 9 | 16 | 4 | Av. | |
|-------|-------|-------|-------|--------|--------|--------|-------|----|
| .33 | .6 | 12.4 | 5.0 | 1.2 | 4.4 | 1.2 | 3.5 | 1 |
| 121.2 | 100.0 | 60.5 | 36.0 | 41.7 | 45.4 | 37.5 | 100.2 | 2 |
| 90.4 | 92.5 | 63.9 | 20.3 | 63.7 | 92.6 | 30.7 | 62.0 | 3 |
| 50.5 | 38.3 | 69.0 | 11.7 | 42.1 | 35.0 | 10.7 | 53.1 | 4 |
| ---- | 2.5 | ---- | 3.5 | ---- | ---- | ---- | .5 | 5 |
| 26.61 | 24.90 | 17.26 | 5.40 | 17.21 | 25.62 | 10.47 | 16.96 | 6 |
| 8.54 | 5.10 | 8.10 | 2.65 | 3.03 | 6.05 | 1.90 | 7.46 | 7 |
| ---- | 2.30 | ---- | 3.10 | ---- | ---- | ---- | .46 | 8 |
| 4.33 | 4.13 | 3.30 | 5.50 | 6.07 | 4.40 | 6.05 | 4.27 | 9 |
| 1.09 | 1.70 | .70 | 1.02 | 1.75 | 1.04 | .91 | 1.01 | 10 |
| 1.85 | 10.30 | 1.47 | 4.47 | 1.99 | .39 | 13.67 | 3.31 | 11 |
| 13.09 | 6.40 | 6.01 | 5.30 | 9.60 | 8.73 | 4.00 | 0.26 | 12 |
| 3.60 | 1.90 | 2.75 | .00 | 1.16 | 1.74 | .91 | 4.12 | 13 |
| ---- | ---- | ---- | ---- | ---- | ---- | ---- | 1.23 | 14 |
| 4.64 | 7.70 | 2.77 | 2.50 | 3.96 | 3.73 | 4.76 | 3.00 | 15 |
| 64.03 | 64.03 | 43.24 | 31.70 | 46.37 | 51.70 | 43.37 | 50.00 | 16 |
| 72.73 | 60.00 | 36.29 | 22.00 | 25.00 | 27.27 | 22.50 | 60.10 | 17 |
| 8.70 | -4.03 | -6.95 | -9.62 | -21.37 | -24.43 | -37.96 | 9.22 | 18 |
| 52.0 | 64.8 | 71.5 | 06.1 | 111.0 | 113.0 | 115.6 | .51 | 19 |

Table 32

Cost of Producing Oats per Acre

20 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Bushel)

| Farm Number | 14 | 11 | 3 | 2 | 1 | 9 | 4 | 19 | 17 | 10 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Acres in Oats | 18.4 | 6.4 | 14.0 | 8.1 | 7.4 | 13.1 | 33.3 | 14.4 | 17.2 | 14.6 |
| 2 Yield per Acre, Bu. | 50.5 | 56.1 | 49.9 | 56.8 | 61.5 | 50.1 | 38.5 | 48.6 | 38.7 | 46.6 |
| Labor per Acre | | | | | | | | | | |
| 3 Man Hours | 12.8 | 19.8 | 13.0 | 15.6 | 12.2 | 15.8 | 14.6 | 15.2 | 12.4 | 8.7 |
| 4 Horse Hours | 25.6 | 20.3 | 11.6 | 29.5 | 20.9 | 19.2 | 26.6 | 21.4 | 9.2 | 5.4 |
| 5 Tractor Hours | --- | 1.3 | .8 | --- | --- | .8 | .4 | --- | 3.2 | 3.2 |
| Cost Items | | | | | | | | | | |
| 6 Man Labor \$ | 3.47 | 5.35 | 3.54 | 4.23 | 3.29 | 4.27 | 3.93 | 4.12 | 3.41 | 2.36 |
| 7 Horse Work \$ | 3.60 | 2.22 | 1.98 | 4.37 | 3.12 | 1.75 | 2.70 | 2.14 | 1.27 | 1.23 |
| 8 Tractor Power \$ | --- | 1.62 | 1.24 | --- | --- | .38 | .44 | --- | 3.08 | 2.87 |
| 9 Interest \$ | 3.02 | 2.75 | 4.12 | 5.50 | 4.95 | 6.87 | 6.04 | 3.30 | 4.13 | 5.50 |
| 10 Taxes & Insurance \$ | 1.23 | .91 | 1.08 | .97 | 1.24 | 1.75 | .91 | .86 | 1.72 | 1.86 |
| 11 Equipment \$ | 1.97 | .12 | 2.66 | 2.16 | 1.09 | 1.58 | .28 | 1.83 | 1.40 | 2.16 |
| 12 Threshing Cost \$ | 1.52 | 1.77 | 1.54 | 1.43 | 1.77 | 1.50 | .96 | 1.54 | 1.13 | 1.40 |
| 13 Seed \$ | 1.56 | 1.04 | 1.90 | 1.93 | 1.99 | 2.78 | 1.77 | 1.46 | 1.94 | 2.74 |
| 14 Twine \$ | .35 | .23 | .42 | .39 | .40 | .32 | .28 | .30 | .33 | .35 |
| 15 Manure & Fertilizer \$ | 3.39 | 6.21 | 3.72 | 5.49 | 10.27 | 2.24 | 2.21 | 6.46 | 2.28 | 1.65 |
| 16 Overhead \$ | .66 | 2.57 | 1.16 | 2.94 | 2.66 | 2.23 | 1.67 | 4.08 | 2.83 | 3.17 |
| 17 Total Cost \$ | 20.77 | 25.59 | 23.36 | 29.41 | 30.78 | 26.17 | 21.19 | 26.14 | 23.52 | 25.29 |
| Income | | | | | | | | | | |
| 18 Grain \$ | 30.33 | 33.68 | 29.91 | 34.07 | 36.92 | 30.09 | 23.06 | 29.17 | 23.23 | 27.94 |
| 19 Straw \$ | 3.94 | 2.73 | 2.06 | 4.63 | 3.72 | 3.82 | 3.45 | 3.12 | 3.92 | 1.71 |
| 20 Pasture \$ | .63 | 1.09 | --- | --- | --- | --- | --- | .44 | --- | --- |
| 21 Total Income \$ | 34.90 | 37.50 | 32.77 | 38.70 | 40.64 | 33.91 | 26.51 | 32.73 | 27.15 | 29.65 |
| 22 Net Profit per Acre \$ | 14.13 | 11.91 | 9.41 | 9.29 | 9.86 | 7.74 | 5.32 | 6.59 | 3.63 | 4.37 |
| 23 Net Cost per Bu., ¢ | 32.0 | 38.8 | 41.1 | 43.6 | 44.0 | 44.6 | 46.1 | 46.4 | 50.6 | 50.6 |

Table 32

Cost of Producing Oats per Acre

20 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Bushel)

| 8 | 15 | 6 | 18 | 7 | 20 | 5 | 16 | 13 | 21 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 25.3 | 5.0 | 11.1 | 0.2 | 41.7 | 16.4 | 6.4 | 30.2 | 14.0 | 6.2 | 15.6 | 1 |
| 35.9 | 43.0 | 40.2 | 32.8 | 26.2 | 29.0 | 44.2 | 18.2 | 10.5 | 33.2 | 37.2 | 2 |
| 11.6 | 16.6 | 17.0 | 13.1 | 10.5 | 5.2 | 27.3 | 9.1 | 6.7 | 13.5 | 12.4 | 3 |
| 9.4 | 11.2 | 10.2 | 15.3 | 13.6 | 11.6 | 35.0 | 11.0 | 21.1 | 31.5 | 16.7 | 4 |
| 2.4 | 4.3 | 4.2 | 2.4 | 2.0 | ----- | ----- | .5 | ----- | ----- | 1.27 | 5 |
| 3.14 | 4.46 | 4.59 | 3.56 | 2.03 | 1.41 | 7.30 | 2.45 | 2.35 | 3.66 | 3.35 | 6 |
| 1.26 | 1.90 | 1.61 | 2.45 | 1.60 | 2.02 | 4.91 | 1.91 | 2.48 | 2.60 | 2.16 | 7 |
| 2.77 | 5.33 | 5.79 | 1.93 | 1.46 | ----- | ----- | .35 | ----- | ----- | 1.28 | 8 |
| 5.50 | 2.48 | 4.40 | 3.30 | 5.50 | 4.21 | 4.12 | 4.40 | 3.30 | 5.50 | 4.75 | 9 |
| 1.18 | .94 | .89 | 1.06 | 1.17 | 1.62 | .00 | 1.04 | .70 | 1.39 | 1.18 | 10 |
| 1.35 | 1.19 | 3.14 | 1.98 | .63 | 1.30 | 3.15 | .50 | 1.00 | 2.58 | 1.35 | 11 |
| .99 | 1.38 | 1.23 | 1.04 | .79 | .99 | 1.79 | .55 | .60 | 1.45 | 1.12 | 12 |
| 1.40 | 1.20 | 1.39 | 2.63 | 1.13 | 2.04 | 1.50 | 1.37 | 1.90 | 7.10 | 1.82 | 13 |
| .42 | .34 | .20 | .34 | .27 | .27 | .39 | .33 | .24 | .40 | .32 | 14 |
| 4.19 | 4.07 | 2.05 | 3.96 | 2.27 | 5.34 | 0.76 | 2.24 | 2.17 | 4.28 | 3.49 | 15 |
| 1.27 | 1.59 | 1.12 | 1.00 | .93 | 2.87 | 2.39 | 1.18 | 1.01 | 1.97 | 1.79 | 16 |
| 23.47 | 25.70 | 27.29 | 24.05 | 10.06 | 22.10 | 35.19 | 16.32 | 15.75 | 30.93 | 22.61 | 17 |
| 21.56 | 26.20 | 24.13 | 19.60 | 15.73 | 17.42 | 26.53 | 10.93 | 11.13 | 19.93 | 22.35 | 18 |
| 4.15 | 2.50 | 3.15 | 2.01 | 1.32 | 2.13 | 3.91 | 1.82 | .71 | 2.42 | 2.77 | 19 |
| .49 | ----- | ----- | .93 | ----- | ----- | .75 | .75 | ----- | ----- | .23 | 20 |
| 26.20 | 20.70 | 27.20 | 22.62 | 17.05 | 19.55 | 31.19 | 13.40 | 11.04 | 22.35 | 25.35 | 21 |
| 2.73 | 3.00 | -.01 | -1.43 | -1.81 | -2.55 | -4.00 | -2.04 | -3.91 | -0.50 | 2.74 | 22 |
| 52.4 | 53.1 | 60.0 | 64.4 | 67.0 | 60.8 | 69.0 | 75.6 | 81.3 | 85.0 | 52.7 | 23 |

Table 33

Cost of Producing Barley per Acre

17 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Bushel)

| Farm Number | 3 | 14 | 13 | 11 | 15 | 9 | 20 | 1 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Acres in Barley | 3.4 | 5.6 | 6.1 | 1.7 | 5.1 | 8.1 | 18.0 | 10.0 |
| 2 Yield per Acre, Bu. | 49.5 | 30.0 | 38.5 | 37.0 | 39.2 | 40.3 | 37.1 | 30.5 |
| Labor per Acre | | | | | | | | |
| 3 Man Hours | 11.5 | 10.0 | 14.0 | 13.2 | 20.0 | 16.5 | 9.7 | 15.5 |
| 4 Horse Hours | 10.7 | 17.0 | 20.5 | 15.0 | 16.9 | 22.3 | 13.4 | 22.4 |
| 5 Tractor Hours | .7 | ----- | ----- | 1.5 | 1.1 | 1.5 | ----- | ----- |
| Cost Items | | | | | | | | |
| 6 Man Labor \$ | 3.10 | 2.72 | 3.77 | 3.52 | 5.40 | 4.47 | 2.61 | 4.19 |
| 7 Horse Work \$ | 1.32 | 2.40 | 2.40 | 1.54 | 2.90 | 2.03 | 2.34 | 3.34 |
| 8 Tractor Power \$ | 1.04 | ----- | ----- | 1.79 | 1.34 | 1.69 | ----- | ----- |
| 9 Interest \$ | 4.12 | 3.03 | 3.30 | 2.75 | 2.47 | 6.87 | 4.24 | 4.95 |
| 10 Taxes & Insurance \$ | 1.00 | 1.23 | .70 | .91 | .93 | 1.75 | 1.62 | 1.24 |
| 11 Equipment \$ | 2.67 | 1.90 | 1.23 | .12 | 1.23 | 1.50 | 1.31 | 1.09 |
| 12 Thrashing Cost \$ | 2.00 | 1.43 | 1.60 | 1.41 | 1.58 | 1.52 | 1.79 | 1.81 |
| 13 Seed \$ | 1.26 | 1.51 | 1.57 | 2.65 | 1.47 | 1.03 | 1.46 | 1.66 |
| 14 Twine \$ | .68 | .44 | .45 | .18 | .45 | .24 | .41 | .62 |
| 15 Manure & Fertilizer \$ | 5.53 | 3.00 | 6.78 | 6.11 | 6.54 | 5.39 | 9.26 | 9.75 |
| 16 Overhead \$ | 1.23 | .58 | 1.51 | 2.35 | 1.60 | 2.43 | 3.80 | 2.65 |
| 17 Total Cost \$ | 24.53 | 18.32 | 23.31 | 25.43 | 25.99 | 29.05 | 28.84 | 31.28 |
| Income | | | | | | | | |
| 18 Grain \$ | 39.12 | 23.74 | 30.43 | 29.28 | 30.96 | 31.07 | 29.33 | 30.43 |
| 19 Straw \$ | 4.17 | 4.31 | 1.64 | 1.46 | 2.45 | 3.08 | 3.46 | 4.50 |
| 20 Pasture \$ | ----- | .70 | ----- | ----- | ----- | ----- | ----- | ----- |
| 21 Total Income \$ | 43.29 | 28.75 | 32.07 | 30.74 | 33.43 | 34.95 | 32.79 | 34.93 |
| 22 Net Profit per Acre \$ | 18.76 | 10.43 | 8.76 | 7.31 | 7.44 | 5.90 | 3.95 | 3.65 |
| 23 Net Cost per Bu., ¢ | 41.1 | 44.3 | 56.3 | 59.4 | 60.0 | 64.4 | 60.4 | 69.5 |

Table 33

Cost of Producing Barley per Acre

17 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Bushel)

| 17 | 4 | 8 | 10 | 19 | 16 | 7 | 12 | 2 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 6.6 | 15.3 | 12.6 | 6.9 | 2.0 | 9.6 | 12.1 | 4.7 | 7.0 | 3.4 | 1 |
| 34.4 | 27.6 | 29.0 | 27.1 | 35.0 | 26.1 | 15.6 | 26.0 | 22.06 | 31.0 | 2 |
| 14.5 | 17.7 | 21.9 | 14.0 | 30.5 | 24.3 | 6.0 | 15.4 | 15.0 | 15.1 | 3 |
| 9.3 | 30.2 | 18.2 | 14.7 | 43.7 | 30.5 | 7.2 | 20.9 | 36.0 | 19.0 | 4 |
| 5.6 | --- | 1.4 | 1.7 | --- | .0 | 1.5 | --- | --- | .9 | 5 |
| 3.93 | 4.78 | 5.91 | 3.79 | 6.24 | 6.57 | 1.04 | 4.14 | 4.06 | 4.00 | 6 |
| 1.27 | 3.06 | 2.40 | 4.13 | 4.37 | 5.20 | .09 | 4.20 | 5.46 | 2.05 | 7 |
| 5.36 | --- | 1.61 | 1.37 | --- | .54 | 1.09 | --- | --- | .03 | 8 |
| 4.13 | 6.05 | 5.50 | 3.30 | 3.30 | 4.40 | 5.50 | 4.40 | 5.50 | 4.67 | 9 |
| 1.71 | .91 | 1.16 | 1.12 | .86 | 1.04 | 1.16 | 1.10 | .97 | 1.21 | 10 |
| 1.40 | .20 | 1.35 | 1.90 | 1.06 | .52 | .03 | 6.36 | 2.16 | 1.46 | 11 |
| 1.24 | .96 | 1.07 | 1.10 | 1.40 | 1.34 | .62 | 1.04 | .00 | 1.33 | 12 |
| 2.25 | 1.56 | 2.31 | 1.06 | 1.59 | 1.56 | 1.76 | 2.66 | 2.00 | 1.71 | 13 |
| .34 | .32 | .46 | .34 | .41 | .34 | .20 | .35 | .29 | .39 | 14 |
| 3.14 | 2.85 | 5.07 | 4.92 | 6.90 | 4.02 | 2.01 | 3.90 | 3.46 | 5.34 | 15 |
| 3.39 | 1.77 | 1.54 | 1.96 | 5.30 | 2.05 | .01 | 2.20 | 2.73 | 2.16 | 16 |
| 20.16 | 22.54 | 20.40 | 25.95 | 34.39 | 20.46 | 16.73 | 30.43 | 27.43 | 26.03 | 17 |
| 27.21 | 21.79 | 22.95 | 21.41 | 27.65 | 20.65 | 12.22 | 20.51 | 10.05 | 25.14 | 18 |
| 3.41 | 2.20 | 3.57 | 2.00 | 2.50 | 2.06 | .03 | 2.13 | 1.79 | 2.04 | 19 |
| --- | --- | --- | .45 | --- | --- | --- | --- | --- | .06 | 20 |
| 30.62 | 24.07 | 26.52 | 23.94 | 30.15 | 23.51 | 13.05 | 22.64 | 19.04 | 20.04 | 21 |
| 2.46 | 1.53 | -1.96 | -2.01 | -4.24 | -4.95 | -3.60 | -7.79 | -7.59 | 2.01 | 22 |
| 71.9 | 73.4 | 65.0 | 66.4 | 91.1 | 90.0 | 103.0 | 109.0 | 112.1 | 73.0 | 23 |

Table 34

Cost of Producing Mixed Hay per Acre

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Ton)

| Farm Number | 19 | 17 | 14 | 4 | 3 | 15 | 2 | 16 | 10 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Acres in Mixed Hay | 9.6 | 19.3 | 22.5 | 13.0 | 15.0 | 16.1 | 12.4 | 15.0 | 20.9 |
| 2 Yield per Acre, Tons | 3.23 | 3.63 | 1.93 | 2.92 | 2.07 | 2.11 | 2.75 | 1.97 | 2.11 |
| Labor per Acre | | | | | | | | | |
| 3 Man Hours | 14.1 | 13.9 | 7.0 | 10.0 | 4.2 | 11.9 | 6.9 | 12.1 | 6.2 |
| 4 Horse Hours | 17.2 | 15.2 | 11.9 | 15.5 | 7.3 | 13.3 | 11.9 | 14.8 | 7.0 |
| 5 Tractor Hours | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .3 |
| Cost Items | | | | | | | | | |
| 6 Man Labor \$ | 3.82 | 3.76 | 1.88 | 2.70 | 1.13 | 3.22 | 1.06 | 3.27 | 1.68 |
| 7 Horse Work \$ | 1.72 | 2.06 | 1.67 | 1.26 | 1.25 | 2.35 | 1.78 | 2.57 | 1.58 |
| 8 Tractor Power \$ | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .25 |
| 9 Interest \$ | 3.30 | 4.14 | 3.03 | 6.05 | 4.13 | 2.47 | 5.50 | 4.40 | 5.50 |
| 10 Taxes & Insurance \$ | .86 | 1.71 | 1.23 | .92 | 1.08 | .93 | .97 | 1.04 | 1.38 |
| 11 Equipment \$ | 1.00 | 1.14 | .59 | 1.65 | 1.16 | 1.94 | 2.02 | 1.65 | 1.16 |
| 12 Manure \$ | 2.38 | 5.76 | 4.73 | 4.44 | 5.60 | 4.32 | 6.90 | 2.11 | 3.60 |
| 13 Overhead \$ | 2.42 | 2.53 | .42 | 1.45 | .75 | 1.00 | 2.11 | 1.17 | 1.34 |
| 14 Total Cost \$ | 15.50 | 21.10 | 13.55 | 18.47 | 15.10 | 16.23 | 21.14 | 16.21 | 16.99 |
| Income | | | | | | | | | |
| 15 Hay \$ | 45.21 | 50.78 | 27.07 | 40.92 | 26.93 | 29.56 | 38.39 | 27.52 | 29.49 |
| 16 Seed \$ | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 17 Other \$ | .75 | ----- | 1.82 | ----- | 1.78 | .65 | ----- | .92 | .09 |
| 18 Total Income \$ | 45.94 | 50.78 | 28.89 | 40.92 | 30.71 | 30.21 | 38.39 | 28.44 | 29.58 |
| 19 Net Profit per Acre \$ | 30.44 | 29.68 | 15.34 | 22.45 | 15.61 | 13.98 | 17.25 | 12.23 | 12.59 |
| 20 Net Cost per Ton \$ | 4.57 | 5.82 | 6.08 | 6.32 | 6.43 | 7.37 | 7.70 | 7.77 | 8.01 |

Table 34

Cost of Producing Mixed Hay per Acre

21 Farms in Barron County, Wisconsin, 1927-28

(Farms Ranked in Order of Net Cost per Ton)

| 13 | 9 | 8 | 18 | 12 | 5 | 1 | 11 | 21 | 7 | 20 | 6 | Av. | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 15.0 | 19.6 | 23.1 | 16.5 | 13.7 | 10.8 | 9.6 | 16.4 | 45.1 | 49.5 | 19.5 | 11.8 | 19.2 | 1 |
| 1.37 | 2.67 | 2.21 | 1.64 | 2.04 | 2.13 | 2.07 | 1.30 | 1.22 | .09 | 2.33 | 1.02 | 1.9 | 2 |
| 9.5 | 14.0 | 12.6 | 8.5 | 12.7 | 12.0 | 5.9 | 14.2 | 7.3 | 4.3 | 8.1 | 5.3 | 9.1 | 3 |
| 10.0 | 14.0 | 14.7 | 10.3 | 12.8 | 14.7 | 12.3 | 15.7 | 11.2 | 5.8 | 13.0 | 5.7 | 11.4 | 4 |
| ----- | .5 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 5 |
| 2.57 | 3.77 | 3.39 | 2.29 | 3.44 | 3.25 | 1.58 | 3.84 | 1.96 | 1.16 | 2.20 | 1.43 | 2.46 | 6 |
| 1.18 | 1.20 | 1.98 | 1.64 | 1.86 | 2.07 | 1.84 | 1.71 | .92 | .72 | 2.27 | .90 | 1.54 | 7 |
| ----- | .50 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | .04 | 8 |
| 3.30 | 6.87 | 5.50 | 3.30 | 4.40 | 4.15 | 4.95 | 2.75 | 5.50 | 5.50 | 4.24 | 4.40 | 4.62 | 9 |
| .70 | 1.74 | 1.18 | 1.12 | 1.10 | .80 | 1.22 | .91 | 1.39 | .99 | 1.55 | .88 | 1.19 | 10 |
| 2.14 | 1.04 | 1.42 | .32 | .83 | 1.12 | 1.52 | .86 | 1.08 | .91 | 2.57 | 1.20 | 1.24 | 11 |
| 4.18 | 8.66 | 8.04 | 6.87 | 7.60 | 9.55 | 12.42 | 5.58 | 4.08 | 2.81 | 15.60 | 6.25 | 5.87 | 12 |
| .97 | 2.23 | 1.23 | 1.26 | 1.50 | 1.52 | 2.53 | 1.75 | 1.02 | .63 | 4.48 | .65 | 1.45 | 13 |
| 15.04 | 26.09 | 22.74 | 16.80 | 20.73 | 22.44 | 26.06 | 17.40 | 15.95 | 12.72 | 32.91 | 15.71 | 18.41 | 14 |
| 19.13 | 37.32 | 30.91 | 22.91 | 28.61 | 29.79 | 29.04 | 19.34 | 17.07 | 12.44 | 32.67 | 14.24 | 26.89 | 15 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16 |
| 2.01 | ----- | .81 | .49 | ----- | .25 | 5.30 | .43 | .69 | .55 | ----- | ----- | .65 | 17 |
| 21.14 | 37.32 | 31.72 | 23.40 | 28.61 | 30.04 | 32.34 | 19.77 | 17.76 | 12.99 | 32.67 | 14.24 | 27.54 | 18 |
| 6.10 | 11.23 | 8.98 | 6.60 | 7.08 | 7.60 | 6.20 | 2.37 | 1.81 | .27 | -.24 | -1.47 | 9.13 | 19 |
| 9.52 | 9.78 | 9.93 | 9.97 | 10.15 | 10.42 | 10.98 | 12.28 | 12.51 | 13.69 | 14.10 | 15.43 | 9.24 | 20 |