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## **The modern farmer and busy bee. Vol. 17, No. 11 November, 1906**

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The  
**Modern Farmer**  
**and Busy Bee**

A FRIEND OF ADVANCED AGRICULTURE AND HAPPY HOMES.

VOL. XVII No. 11.

*Devoted to the Interests of the Farm and Home.*

FIFTY CENTS A YEAR.

NOVEMBER

OPEN THE DOOR OF YOUR HEART

By EDWARD EVERETT HALE

OPEN the door of your heart, my lad,  
To the angels of love and truth;  
When the world is full of unnumbered joys,  
In the beautiful dawn of youth.  
Casting aside all things that mar,  
Saying to wrong, "Depart!"  
To the voices of hope that are calling you  
OPEN THE DOOR OF YOUR HEART.

OPEN the door of your heart, my lass,  
To the things that shall abide,  
To the holy thoughts that lift your soul -  
Like the stars at eventide.  
All of the fadeless flowers that bloom  
In the realms of song and art  
Are yours, if you'll only give them room,  
OPEN THE DOOR OF YOUR HEART.

OPEN the door of your heart, my friend,  
Heedless of class or creed,  
When you hear the cry of a brother's voice,  
The sob of a child in need.  
To the shining heaven that o'er you bends  
You need no map or chart,  
But only the love the Master gave,  
OPEN THE DOOR OF YOUR HEART.

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The Modern Farmer and  
1 of class A and 2 of B, .95: 1 of A and 2 of C, \$1.45: 1 of A and 2 of D, \$1.95: 2 of A and 1 of B, .80: 2 of A and 1 of C, \$1.05: 2 of A and 1 of D, \$1.30: 1 of B and 1 of C, \$1.10: 1 of B and 1 D, \$1.35: 2 of B and 1 of C, \$1.35: 2 of B and 1 D, \$1.60: 1 of C and 1 of D, \$1.55: 2 of C and 2 of D, \$2.85.

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The prospects were never brighter than at present.

Each season a new record is made in production and output.

Farming land is advancing in price as steadily as it produces.

Very naturally, then, the time for action—the time to break ground, is now, while lands can be secured for a small fraction of their coming value.

The climatic conditions of the Southwest should be taken into consideration, also. The winters are short and the climate a happy mean between the extremes of the North and South.

To enable you to investigate the Southwest and to satisfy yourself that they are all they are claimed to be, the Rock Island will sell, on the first and third Tuesdays of each month, greatly reduced tickets to Southwestern points.

If you are not satisfied with your present conditions and prospects and want to get "outdoors" for an active life, for a successful career in the NEW SOUTHWEST, write me to-day.

JOHN SEBASTIAN,

Passenger Traffic Manager, Rock Island System,  
CHICAGO.

## Here is a Good One. Country Life in America

It is really a new Country Life in America that the publishers offer for 1907. Many important new features have been added:

The Homebuilders' Supplement will be a large separate magazine, which Country Life in America subscribers will receive each month; The Nature Club of America will give subscribers monthly nature study notes, free lectures and stereopticon slides, and a personal correspondence with the Secretary of the Club; Stable and Kennel, and Stock and Poultry are departments of great practical value. Country Life in America publishes annually three sumptuous double numbers, which sell at 50 cents each, but are included without cost in the regular subscription.

It is still the most beautiful magazine in the world, and it is thoroughly practical—a necessity to every one who has any country or outdoor interest.

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If desired, any paper in class C or D may be substituted for Good Housekeeping.

Somehow real life is not like that portrayed on the stage.

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# The Modern Farmer and Busy Bee

PUBLISHED AT ST. JOSEPH, MO., THE 15TH OF EACH MONTH  
307 North Third Street  
Price, 50 cents a year.

EMERSON TAYLOR ABBOTT.....EDITOR AND PUBLISHER  
ASSOCIATE EDITOR

N. J. SHEPHERD .....Poultry and Dairy  
DEPARTMENT EDITORS

EMMA INGOLDSBY ABBOTT..... Home Department  
E. J. WATERSTRIPE.....General Farm Department

Entered at the Postoffice at St. Joseph, Mo., as second class matter.

ALL COMMUNICATIONS intended for publication must be written on one side of the sheet only, and must be accompanied by the name and the address of the writer.

REMITTANCES should be made by express or postoffice money order when it is possible. If these cannot be obtained, put the money in a letter and register it. When forced to send stamps, we prefer to have one-cent stamps, and they should be folded carefully, with paper between them, so they will not stick together.

If this paragraph is marked with a cross your time expires with the number marked. The paper will be stopped unless you send us your renewal. DO IT TO-DAY.

## EDITORIAL.

Farmer's Convention Week, Columbia, Mo., will be an important event in the history of Missouri agriculture. Everyone who can should attend.



The second annual corn show by the Indiana Corn Grower's Association will be held Jan. 14-19, at Purdue University, Lafayette, Ind. Liberal premiums are offered. Prof. G. I. Christie, Secretary.



The Oklahoma College of Agriculture, at Stillwater, is making preparation for its annual week's course in stock judging and seed selection, January 7-12 are the dates. W. L. English is dean of the short course, who will gladly give further information to those who desire it.



Now is a good time to look after the orchard. Cut off all the dead and broken limbs, and all of the water sprouts, rake up all the trash and burn it and see how much better the orchard will look and, if we mistake not, the trees will bear better next year and be bothered less by worms &c. As to trimming, everyone has his notion about that, some say do it in the spring and some say in August, but we think it is better to do it now than not at all. We are sure at least

that now is the very best time to cut off the water sprouts and all dead limbs and clean up, for if there is anything which makes a farm look unattractive and untidy it is an orchard full of weeds, dead limbs and other trash. Clean up, if it does take a little time and money.



Teach as many as possible of the animals on the farm to lead. It is a great convenience in handling them to be able to lead them any place one wants them. Every colt should be broken to the halter as soon as it is able to walk, and every calf that is intended for a milch cow should be thoroughly halter broken while it is young, and kept so, by occasionally handling it, until it is grown up. It is an advantage to have even the dog broken to lead or stand quiet where he is tied. We have thought sometimes that we would be glad if we could halter the chickens, ducks and turkeys. Every farm ought at least to have a large lot where they can be shut in and confined when it is necessary. It will tend to make them gentle, keep them quiet, and when they are quiet and gentle they will lay more eggs.



Did your man get the office? Well, it does not really make much difference whether he did or not so long as good men were elected. Men, real men, are always more than party. Taken as a whole there are many hopeful things in the results of the last election. In Missouri the saloons failed in their attempt to discredit Governor Folk. In Kansas a man who made his campaign with his watchword the enforcement of all laws came within two thousand votes of being elected governor, having overcome a large majority, as he belonged to a minor party. In New York and Colorado there are many evidences of a return to sanity and right thinking. Republican Minnesota elected a Democrat governor, not for his politics, but because he had been tried and not found wanting, for he seems to be the kind of material out of which good governors are made without regard to party. Our country is in a very critical condition. A vast deal of corruption, crookedness and graft has been uncovered within a very short period of time, the people have been getting more restless. Fallacy and demagogism are ever ready to take advantage of such a condition of things, and all sorts of wild-eyed theories are in the air. Men are as full of cures for our ills as a dog is of fleas; government ownership, referendum, social revolution, and a long list of remedies have

zealous advocates. Some of the theories seem good, some of them seem to be very dangerous, but on the whole the returns of the election indicate a slow return to sanity and right thinking. The men who till the soil are not very easily carried off their feet. They, no doubt, hold the balance of power, and it is to be hoped that they will continue to use it wisely and in the interest of sanity and good government.



A farmer can learn a good lesson from manufacturers. Did you ever notice the amount of money that is spent in advertising in order to establish a brand of goods; and after it is established how much pains is taken to keep it up to the standard? If it will pay manufactures to do this, why will it not pay the farmer to do the same thing? It will. Give the farm a name, spend some money in making it known, get some neatly printed letterheads and envelopes printed, and also, some labels and stick one on everything that goes to market from your farm, "Fresh eggs from Maplewood Farm," or, "every thing from Maplewood farm is guaranteed strictly pure, first-class, and full weight, or count." Then make it so. Or "Maplewood Farm products are put up under the personal supervision of Mr. Jones, the proprietor, and are guaranteed first-class in every respect." How long do you think it would be until people would begin to ask for Maplewood Farm eggs, butter, &c? If you think there is nothing in this just, try it for a year or two and see if it does not pay well in dollars and cents. Let the world know that you live some place and have enough interest in the place to give it a name, and then take pride in having every thing that goes to market with that name on it first-class, and in a very short time you will be getting much better prices for your farm products and they will find a more ready sale even at advanced prices. In other words the farmer should form the habit of advertising what he has for sale and he will get very much better prices than he is getting now. This is especially true if he has pure bred stock. There are plenty of people who would gladly buy something a little better than they have, if they only knew where to get it at a fair price. Then, again, exchanges can often be made that will be a benefit to both parties. One man may want a Jersey cow, and at the same time have more sheep, horses, or hogs than he wants. If he would let his wants be known through the columns of some farm paper, he could, no doubt,

find some one who is looking for just such stock as he has, and who has more Jersey cows than he wants. One man may be short on oats, but have more hay than he wants; and it would be very much better for him if he could exchange his surplus hay near home for oats. An ad in the local paper that would cost but a trifle would no doubt enable him to find some one who would be glad to make the exchange. These are only a few of the ways an ad can be made to pay, and once the habit is formed it will never be given up. Nearly all papers in these times have what they call a want ad column and for 25c one can tell about several things, if he will study brevity and leave out all superfluous words. The rate is usually so much per word. The Modern Farmer charges only 1c per word for 25 words or over, and 25 cents will sell a hog, cow, horse, or a few chickens as well as a larger space. Of course, these ads fail sometimes but if they do you are not out much, and they hit more times than they miss.



In an interview with Frank Carpenter, the Post Master General, is credited with saying that second class matter costs the government more to handle it than it brings in revenue. We wonder if he has ever thought to give the weekly and monthly papers of the country credit for the first-class mail they create, which is carried at a profit. This is not all, they do a vast deal of free advertising for the government, and they should have credit for this. If it was not for the farm papers of the land the people would know but very little about the new bulletins that are constantly being published. If Uncle Sam had to pay regular rates for all the free space he gets, it would make him leaner than he is now to pay the bills. Uncle Sam has a mailing list of a few hundred thousand to whom bulletins are sent free, but if he had to keep track of the millions who read farm papers, we apprehend it would cost him more than the deficit created, as it is claimed, by carrying papers for 1 cent per pound. The truth of the matter is that the farm papers of the United States do more free work for the government than all other agencies combined, and it would be a good investment for the government, Mr. Postmaster General, if it even carried them for nothing. They would then bring in more than they cost. Why does the government circulate millions of free books, bulletins, circulars &c? To educate the people you say. Well, then, why not let

farm papers educate the people along agricultural lines, and publish the bulletins in them where they will be read by more people, and at less expense. Reader, have you ever thought what the result will be if this agitation to make the postage on second-class matter 4c instead of 1c is successful? We will tell you what it will be, you will pay about twice what you are paying now for all of your farm papers, while the politicians will go on franking tons of almost worthless trash in order to make votes. You never hear any talk about the draw this makes on the government. We remember of seeing about two car load of this stuff which was shipped in here by mail free of charge by two congressmen. How many car loads do you think are sent out from Washington every year? Does it cost anything to carry that kind of stuff? We suggest, Mr. Congressman, that you cut out this burden on the mails and see if we do not come out about even. This will not increase the cost of good reading matter for the farmer. Reader, do you see the point of all this. If so, just tell your congressmen and senators on a postal card that you prefer that they do not meddle with the 2nd class rate, or rates on periodicals.

The Christian Register says: "About three years ago the government issued a report concerning the communities which had been founded in the United States. As we remember it, there were between eighty and ninety communities, brotherhoods, associations, and what-nots, all founded on the principle of community of goods and profit-sharing. Brook Farm, the Oneida Community, the Rugby Settlement, Hopedale, and the rest, were begun with high

hopes, and either came to a disastrous conclusion or were transformed into businesses enterprises based on commonly accepted principles of business. Every now and then we read about new apostles of reform who are going forward with light hearts to establish some new community, in which all the problems of social order will be solved. If those who are invited to risk their money and their lives in these generous schemes will get and study the report mentioned above, they will be likely to keep their money and save themselves from disappointment and possible heart-breaking."

A writer in the Breeder's Gazette gives some very convincing proof that sweet clover is a profitable forage plant. Surely, we are making some progress when such a paper lets an article of this kind go in without a protest. The day is not very far off when sweet clover will cease to be called a "weed" by college professors, and others who are not posted as to its real value.

The Illinois State Food Commission has issued notice that food manufacturers, wholesalers and retailers in that state must take steps at once to properly label all artificially colored foods handled by them. The commission is of the opinion that the day is not far distant when artificial coloring of food products will not be tolerated by the consumer, and we sincerely hope they are correct. Artificial coloring of any thing is a fraud on the consumer.

## One Cheese Factory Improved.

By R. M. WASHBURN, State Dairy Commissioner.

We often hear it said that cheese made in this factory was side and a barnyard and an out- good cheese cannot be made very poor, so poor in fact, that house just above the pond and in Missouri. Being a cheese- considerable was actually burn- only four or five rods distant from maker myself, I see absolutely no ed in place of coal, it being more it on the other side. From this reason why that should be true, valuable as fuel than as food. I stagnant pool water was every yet the fact remains that consid- was asked by the department to day brought into the factory. It erable of the goods produced in investigate the local conditions stunk. Again, the whey tank had this State are not what the mar- and help them if possible. I been built below ground. It ket demands. found the cheesemaker strug- could not be easily cleaned, and

Two years ago a letter was re- gling under great adversities. smelled as if it had never been ceived at the Experiment Station He was compelled to use water cleaned. Into this box, that was from the manager of a small in the factory from a stagnant saturated with the whey accumu- cheese factory in Western Mis- pond. The factory and highway lated through years of use, the sours, asking for help. The were just above the pond on one fresh whey was run every day,

and pumped into the farmers' cans and returned home. Whey is almost colorless, and when poured from the cans at noon or at night the cans did not appear to be very dirty. They were rinsed out in a half-hearted manner and fresh milk added. By the time this milk reached the factory the organisms which caused that putrid mess in the old whey tank had got a thorough start in the fresh milk, and it was absolutely impossible for any cheesemaker to have made first-class cheese from milk that had been so thoroughly impregnated with the rot producing germ.

The fault was not entirely with the farmers; a little of it belonged inside of the factory. The cheesemaker had learned his trade years ago and had not kept up to date. Just as the harvesting of wheat is now done in an easy and rapid manner, and just as the methods of planting corn and potatoes have improved, so the methods of making cheese

have improved in the last fifteen or twenty years. Methods which were once the best known now are entirely inadequate to meet the conditions which continually arise in the factory. These people felt that they could not afford to put in a well. The difference between the selling price of their cheese and market price for July, 1904, was \$417.00. Their well, when they did make it cost them \$29.00. The difference between the price of their cheese and market price for the year 1904 was about \$1200.00. The filling up of the old stagnant pond, putting in an elevated whey tank and the building of the well cost them less than \$75.00. They discharged their old cheesemaker and got a young fellow from Wisconsin. His reputation was at stake. He knew that the people who had helped him learn the trade back home were watching him to see if he could "make good." he insisted upon clean and sweet milk. He insisted so hard

that the farmers got into the habit of bringing first-class milk. This summer while in the southwestern part of the State, I went to several groceries in Carthage and Joplin to sample their cheese and if possible to find a better market for that produced in Missouri. At Joplin I found some of the cheese made in the factory described. It was so good I could scarcely believe it had been made in this State. It was superior to any of the New York cheese that I found in nearly a week's travel.

Returning later to this factory, I found them in trouble again. This time, however, their trouble lay in the fact that they could not fill the orders for cheese. They were obliged to continually pass by opportunities to sell their goods. They are today having this same trouble of not being able to supply the demand, even at 2c above the average selling price. Clean milk and up-to-date methods wrought this change.

## Corn Improvement-Corn Shows.

P. E. GRABTREE, Hannon, Mo., Vice-Pres. Mo. State Corn Growers' Association.

What I shall say as to the Corn Show is from the standpoint of its stimulus to the industry in the production of corn for commercial purposes and not as a fad or fancy. The Corn Show has proven to be one of the most effective and popular ways of creating a deep and lasting interest in the improvement of our corn crop by first calling attention to the great differences that exist in the various ears and exhibits; after which one is readily prepared to understand that equally momentous differences exist as to their behavior in the field and to their final outcome or capacity to yield. It is not only good theory, but positively true, that equally satisfactory advances can be, and are made in

both particulars and that the two features, thus general improvement, is the result of well arranged competitive exhibits. An example or two may serve well to illustrate this fact. The management of the Louisiana Purchase Exposition deemed it advisable to make a grand display of corn. They set aside \$50 to be used in each county in the state to induce the corn growers of the state to bring forth their best. That was not all. The effects were of a lasting nature. Many in their determined effort to excel, had procured seed of well bred corn for the first time in life, expecting simply to improve their crops in fancy points and thus do some winning. To their agreeable surprise they discovered in-

creases in yield of shelled corn per acre, ranging all the way from five to twenty-five per cent and immediately became enthusiastic over the improvement of their corn for the purpose of securing increased yield. However, they were not blind as to what had caused their awakening and consequent success, but also became strong advocates of the annual corn show, that others might be induced thereby to share in their new discovery and its beneficial results.

In the short time that has since elapsed the interest has continued to grow. The Farmers' Institute has greatly facilitated the holding of local corn shows and the correct awarding of premiums, as well as served as a

most effectual educator to the novice or amateur exhibitor and the improvement of corn has been such that we now stand second only to Illinois in the number of bushels produced per acre.

Corn showing, and with it corn breeding, is much newer in Missouri than in Illinois, and a little more effort in this line will place our great state at the head of the list, and Missouri will rank first in both quality of exhibition corn and quantity of commercial corn for they go hand in hand and are inseparable.

We have a State Corn Growers' Association for the purpose of assisting the farmers in holding good shows. The Secretary of

the Association is Prof. M. F. Miller, of Columbia, Mo., who will gladly tell you how to get hold of a share of that thousand dollars that have been offered as corn premiums this year.

We have a Secretary of the State Board of Agriculture who is willing and anxious to spend a part of the funds of the state in helping the farmer to increase his yield by sending out lecturers on the subject of corn improvement. His name is Geo. B. Ellis, Columbia, Missouri. Write these parties telling them what you lack to hold a good corn show in your neighborhood.

Every township in the state should hold such a local show,

then send all winning exhibits to the State Show in January.

At present there are being held many splendid corn shows in connection with the farmers' institutes. At Butler, Bates County, a county fair was recently held at which were shown 185 exhibits of corn, and the quality was excellent, some six or seven pure bred varieties being represented. The corn show at the State Fair was grand and the interest everywhere is on the increase.

Free literature and how to make more money on your corn crop can be obtained at once by writing to the above gentlemen at Columbia, Mo.



## Farmers' Convention Week. ✧

November 9, 1906.

Editor "Modern Farmer",

St. Joseph, Mo.

My Dear Sir:

The many readers of your paper will doubtless be interested in the meetings of Farmers Convention Week to be held in the Agricultural College, Columbia, January 7-12, 1907.

The improved Livestock Breeders' Association, The Missouri Corn Growers' Association, The State Dairy Association, The Sheep breeders' Association, and the Missouri State Board of Agriculture will join hands to hold the greatest Farmers' Convention that has ever been held in this state. The program is now being arranged and promises to be even better than the very interesting program held last year during the same week. Special demonstrations are being arranged in the departments of Agronomy, Animal Husbandry, Horticulture, Veterinary Science, Dairying and Soil Survey. which

we hope to make very attractive and instructive to the farmers who may attend the convention. Premiums amounting to nearly \$1,000 will be offered for the exhibits at the Corn Show, and ample premiums have also been provided for the exhibits at the State Dairy Show.

Every farmer should take an occasional holiday, particularly if he can combine pleasure with profit; and we do not think a week can be spent with more profit anywhere than in the Agricultural College during this convention. I hope every farmer will remember the date and arrange to spend at least a day or two with us during the meeting.

Respectfully,

Geo. B. Ellis, Secretary.

**Special.—Not Good After Jan. 1st, 1907,**

Modern Farmer  
Inland Poultry Journal  
Woman's Magazine  
Woman's Farm Journal  
Gleanings in Bee Culture

All one year, \$1.10.

Without Gleanings 50 cents.

## THE INLAND POULTRY JOURNAL.

Have our readers noticed that we are making some very special offers which include one of the leading poultry papers of the country, The Inland Poultry Journal? This paper is edited by Theo. Hewes, one among the best Poultry Judges in the land, and at the same time a man who is thoroughly practical. In the November issue he says: "Our aim is to keep in touch with the poultrymen in all parts of the world, in fact, to give our readers a poultry newspaper that is worthy of the name. We believe our Christmas number will contain more useful poultry information than has ever been compiled in one issue of a poultry paper, and as for beauty, will ask our readers to compare it with any or all of the high-class publications of the day. The illustration on our Christmas cover is a three-color reproduction from Mr. Burgess' oil painting, Christmas Greetings. The first insert page is a three-color reproduction of Frank P. Johnson's pen of light Brahmas that won the first prize at Indianapolis, February 1905."

All those who send us their subscription at once will get a copy of this beautiful Christmas number, which will be full to overflow of valuable information about poultry. This number alone will be worth all you pay for the club, so send us your 50 cents quickly and get it. If not satisfied after you see it, we will refund your money.

Modern Farmer,

St. Joseph, Mo.



# Books= Periodicals

BY THE EDITOR.

We want this department to be of permanent value to our readers. We therefore, invite publishers to send us copies of books and Periodicals of special interest to farmers. They will receive careful attention in this department. Always mention THE MODERN FARMER when writing to publishers about any book or periodical mentioned here.

The November issue of RECREATION is replete with entertaining stories that will please sportsmen everywhere.

The PILGRIM for December indicates a determination on the part of its publishers to make it a first class clean home monthly, worth the money they ask for it.

The keynote to the November GARDEN MAGAZINE is preparation for the winter months that are fast approaching. Most timely and important is the article by Mr. N. R. Graves, "Getting ready for Winter."

There are a great many semi-invalids in this country to-day who could probably be cured by the right kind of work, mental or physical, because they are invalids mentally before they are physically.—Success Magazine.

That Japan story in the HOUSEKEEPER is well worth the full price of a yearly subscription. Every woman should be glad to learn how they live in that wonderful country, and here is an opportunity to get the information from one who has been there.

The December DELINEATOR is a typical Christmas number. It is sufficiently premature to assist Christmas-makers with its hints for Christmas gifts and holiday entertainments, besides containing an abundance of seasonable literature calculated to fit in from now until New Year's Day.

Beginning with an attractive, snowy and "Christmasy" cover, the December DESIGNER offers an interesting list of seasonable articles. The patterns for midwinter garments will prove of unusual value to those planning costumes, as some particularly new and fashionable effects are shown.

The point of vantage afforded by more than sixty years of adult life should fit almost any man for the position of critic, especially when the subject is closely connected with human emotion and life. Dr. Edward Everett Hale, who despite his great age, has again taken up literary work, this time as one of the editors of the WOMAN'S HOME COMPANION, gives some friendly and clear-sighted advice in the November number of that publication on the need of optimism in our present disturbed national condition.

Judge Shute, Edward Stratameyer, Everett T. Tomlinson, and Horatio Alger, Jr., occupy prominent positions in the November AMERICAN BOY with their stirring serials. Scarcely secondary to these are short stories whose very titles should stir up the interest of the boys: "A Visit from the Cheyennes"; "The Lard Eaters"; "The Society of the F. F. F."; "A Fight With a Panther"; "An Historic Walking Match"; "Tim's Pig."

The December PEARSON'S has its usual fund of good fiction, poems, biography, illustrations, &c. It is promising some very interesting reading for the coming year, and will merit a place on your list of reading matter.

We offer you The Modern Farmer  
Pearson's  
Inland Poultry Journal  
Woman's Magazine

All one year, for only \$1.50.

The November number of FARMING discusses two of the liveliest subjects before the farmer to-day—"The Control of Bovine Tuberculosis" and "What Denatured Alcohol Will Really do for the Farmer." So much has been written about this latter subject that a really authoritative article is particularly welcome at this time, as the Denatured Alcohol Bill becomes effective on January 1st, and farmers all over the country are anxious to know whether it will pay them to build small stills to make alcohol from the crops and waste products of the farm.

"My dear," remarked Mr. Grouch, "this turkey is unusually tough. May I ask where you got it?"

"Certainly," returned Mrs. Grouch sweetly. "I purchased it at a stationary store. Do you suppose I got it from the butcher shop?"

"No, indeed," replied Mr. Grouch, jabbing the carving knife into the hard flesh of the bird, "I have been under the impression for the past ten minutes that you procured it from the hardware store."—Woman's Home Companion for November.

The November issue of SUBURBAN LIFE is an attractive one, but the December number is much more so. Every farm home especially where there are children or young people, should have on its tables

one or more of these high class publications in addition to the regular farm papers, as they are an education in themselves, rendering the home more attractive, and thereby helping to solve the question of how to keep the boys and girls on the farm. Suburban Life is so beautiful in its make up, so practical and attractive in both text and illustration, and costs so little for a high class magazine that we cannot well see why it should not form a part of the reading matter of every rural home. We are making it possible to get this high class monthly with the Modern Farmer and other reading matter of your own selection for a very small outlay. Look it up.

The reckless pursuit of money is the great American curse, says O. L. Marsden in SUCCESS MAGAZINE. In no other country in the world is there the same temptation to coin all of one's ability, energy, education—everything—into dollars, as in America.

The resources are so vast, the opportunities for wealth so great, that it takes a very level head not to be swept into the current that sets toward the dollar. Nowhere else on the globe is Mammon worshiped so universally as in America. The very freedom and equality of our republican institutions double the danger.

It is really a new COUNTRY LIFE in America that the publishers will offer for 1907. Its wonderful photographs and typography will make it the most beautiful magazine in the world. Everything about Country Life is of the highest class of workmanship and it is a real pleasure for one who has a taste for the beautiful to look it through. The November number has an interesting and attractive table of contents, and with "The Home Builder's Supplement" this is an issue of more than usual importance. The December number promises to be even more rich and attractive than this one. The subscription price of this world-famous Magazine is always \$4.00, and it is not sold alone for any less. By special arrangement we are able to make, for a very short time, an exceedingly liberal offer of the Modern Farmer and some other valuable publications in connection with Country Life. Look up our offer on another page.

## NEGRO PROGRESS IN THE SOUTH

Generally speaking those high in authority in the Southern States are trying their best to keep order. Negro agitators in the North are doing their race no good when they adopt resolutions calling for the emergence of "a new Garrison, or Sumner, or Lincoln." Nothing is easier than making phrases, airing grievances, and adopting resolutions. The negroes have their troubles, but they are doing remarkably well in this country. They are better off than most labor elements in any country whatsoever, and far better off than any inferior race elsewhere. Human society in our day and generation is in a condition of ferment and struggle in almost every

land. Yet through all the dust of conflict and strife, a keen observer can behold real and steady progress. It is to be regretted that pessimism regarding the race question in the South should within the past year have become so widespread and profound. The existence of the two races in great numbers side by side, however unfortunate, is a fact that cannot be changed for generations yet to come. Brave and wise men, therefore, will face the problems that grow out of such a situation and try to solve them. Whatever makes for good order, prosperous industry, decent conduct, and diffused intelligence, must in its measure lessen the difficulties.—From "The Progress of the World," in the American Monthly Review of Reviews for November.

If one wants to keep up with the times and that for a very small outlay, he should not fail to include "THE WORLD TO-DAY" among his reading matter. It is up-to-date in every respect.

The Christmas EVERYBODY'S is full to overflowing with the holiday spirit, as indicated by the character of fiction, essay, and verse, but at the same time the serious undertakings of a purposeful magazine are not neglected. There are ten well-known writers of fiction represented in the number, and five important special articles. A notable contribution is the first installment of Thomas W. Lawson's story, "Friday, the 13th," a dramatically interesting romance of Wall Street and its ramifications.

# The Farmer's Home

By Emma Ingoldsby Abbott.

A happy, prosperous home means a happy prosperous country

He who walks through life with an even temper and a gentle patience—patient with himself, patient with others, patient with the difficulties and crosses—he has an every-day greatness beyond that which is won in battle or chanted in cathedrals.

—Orville Dewey.

Here is a new way to prepare a cheese sandwich for the children's lunch basket: Spread thin slices of cheese lightly with prepared mustard and place between slices of bread or crackers.

A correspondent of the Designer states that alum melted over intense heat and applied while hot will cement either glass or metal. Another gives her plan of mending grain sacks that will recommend itself to many busy farmers' wives. The patches are daubed with raw flour paste, and applied to the wrong side of the sack and then pressed with a hot iron. This is done much quicker than with needle and thread, and it is claimed to be durable.

An Oriskany Falls, (N. Y.) farmer has set the pace for others by installing on his farm an electric plant, obtaining power by damming a nearby creek. With this he lights his buildings, heats his house, and runs his separator and other machinery. There is no reason why he could not run the churn and the washing machine with the same power, thus relieving the wife of the hardest part of house labor.

If the children have appetites like young bear cubs, and it keeps you hustling to keep their mouths filled, thank the Lord for it, and strive to give them an abundance of plain,

wholesome food. A child who is never hungry, or who is finical about its food is not a healthy child.

The best things in life are none too good for the hard working farmer and his wife, and if they do not supply themselves with every modern improvement that will add to their comfort and convenience that their means will permit, they are making a sad mistake.

A good way to cook small apples is to bake them with honey. Leave the skins on, wash, cut out stem and blossom ends and put in a deep pan or crock. Pour honey over liberally, depending somewhat on the sourness of the apples, cover, and bake in a rather slow oven at least two hours.

We are indebted to a friend for this clipping from Harper's Bazaar. It certainly sounds good and we are going to try it for our Thanksgiving dinner:

### Salad Served in Red Apple Cups.

After this heavy course one may be introduced which seems especially appropriate to Thanksgiving day. Select the largest and reddest apples procurable and polish them until they are like mirrors. Cut a slice from the end of each, carefully leaving the stem intact. Scoop out the inside; drop each apple as it is finished into cold water to keep it white inside. Take a cup of cut-up celery and a cup of broken English walnut meats, and just before serving mix them with half a cup of thick mayonnaise and fill the apples. Put on the tops so they match exactly and serve on lettuce leaves. Do not use any apple with this mixture of celery and nuts, as it is far better without.

Snow is a good cleanser, but it must be used where it will not melt. It can be scattered over a carpet in a cool room, when sweeping, and rugs may be spread on the snow and scrubbed over with it. It will brighten the colors, with no harm to the most delicate tints.

### TO CAN FRUIT WITH HONEY.

By C. W. Dayton.

First, the can must be hot before the fruit is put in. The can must be heated gradually. First by pouring warm water over it; then warmer water and finally, hot water. Then the fruit must be thoroughly heated through before it is put into the cans. These points must not be slighted. But they often are. Better to boil the fruit more than necessary than too little. Boiling extracts the color from the fruit, more or less, but that is only "looks". Put the honey in at the last and fairly heat it through. Suit the taste as to the amount to use. Put the caps on the jars while the fruit is hot. Have the caps hot. Right out of hot water. Screw them on with a cloth to protect the hands from being burned. Then the air within the cap will be hot. This is essential. Set the jars aside to cool; caps down, on a table. Examine them every hour as they cool and turn the caps on tighter. As the fruit gets cool it occupies less and less space within. It must draw air in in order to fill the vacancy which would occur. This must be prevented. If no air can get in the cap will be drawn concave shape on the outside. This may indicate the perfectness of the work, but not always, because old caps are often concave before being put on.

Continued on page 11

# The Farm in General

BY E. J. WATERSTRIFE

Close up the cracks in the buildings, for when any animal has to sit in the draft it is dangerous.

November's chilling breezes are here, which gives us the last warning to prepare for winter. Are you ready?

Now look well to the poultry house and see that it is ready for winter. Give the hens a good comfortable house this winter and see the better profit.

You might read all the poultry journals on how to get winter eggs, but the first need is a comfortable house. The hens will not lay eggs while walking in the snow.

I wonder how many of the readers have their farming implements still out of doors. It is not too late to gather them under shelter, for in this case it is better late than never. Arrange if possible to shelter them from the coming bad weather.

There is not much use in keeping more horses than we need either for work or in raising colts. If we have surplus ones and are likely to be short of feed why not sell now, although good work horses will likely bring a better price in the Spring.

Arrange things in the house so that it will be handy for the wife, see if you think it does not pay. What ever you make that will help her is sure to help you. Have things arranged right for the winter, so you can get to all without exposure. Look ahead a little.

Get the corn in the crib as soon as possible. There is no pay in letting it remain in the field all winter. This spoils the value of the stalks, and there is nothing gained by waiting after the corn is ready, it then begins to move backwards. Keep ahead with all work.

The best farming is to keep a mixture of live stock. In this way you can feed up the food on hand to a better advantage, you can handle them more profitably, they are less liable to disease, and more profitable to you. Aim to keep the best stock and get the best profit.

This is the month of gathering in the crops, and possibly many will be disappointed with the corn crop, as it is very likely to be over estimated. You can do no better this year, but aim to feed to the best advantage what you have, and figure better for the next year.

Now Brother Farmer let me speak of it once more, for I know it is to your profit to do it. Now as the winter evenings are long and you will have more time for reading, be sure and have plenty of good literature

coming to your house this winter. Reading is cheap, and you are not doing your duty to your family if you do not supply a plenty of it to your home.

Of course we have to do the best we can with what we have, but we could often have better if we had managed rightly. In a dry year like this we have not the best feed rations for the stock, but the point to look to is management in growing crops for the next year.

Give the boys something that will interest them. I do not blame any boy for wanting to go where it is interesting, for that is what I like myself, especially should I say so, when you can make the farm interesting, and at the same time have it more profitable. Show the boys the business side of life, and it will count.

Mistress—But, bless me, why are you leaving us, Mary? I'm sure I do all the work.

The General Servant—Yes, ma'am, But I don't like the way you do it.

—Bulletin Sidney, N. S. W.

## GLANDERS IN HORSES.

By Prof. Arthur Goss.

Glanders is one of the oldest known diseases affecting the horse. It is a contagious disease, caused by a particular germ; it occurs in horses and mules, and occasionally in man. It is not a highly contagious disease; it requires rather close and usually prolonged contact to cause it to spread. There is on an average of less than thirty cases reported each year in this state and these are nearly always brought in from the western states. Recently there has been an unusual number reported. The danger arising from glanders is often grossly exaggerated.

Glanders is a disease that effects the lymphatic glands of the respiratory system and internal organs and of the skin. When the disease affects the glands under the skin it is frequently known as farcy. The disease may be acute or chronic, that is, run a course from a few weeks to several years.

The disease presents a variety of symptoms depending upon the part involved and the severity of the at-

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The most complete and captivating showing of the entire season. Hundreds of new arrivals swell our previously large assortments to unprecedented proportions. All the newest materials and the latest style ideas, including Prince Chap, Pony Coat, Etons, Tight-fitting and other popular effects, at a range of prices that is remarkably low for such high grade materials and workmanship.

- Nobby Eton Suits, at..... \$15.00 to \$45.00
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  - Prince Chap Suits, at ... \$10.00 to \$25.00
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tack. If acute and involving the nasal and other respiratory passages, there is profuse nasal discharge, with early development of ulcers upon the nasal membranes, usually beginning above and extending downward. One side is likely to be involved more than the other. Hemorrhage from the nose is not unusual. The glands between the angles of the jaw become enlarged. The lungs may show involvement by more labored breathing, shortness of breath and cough; the body shows a rise of temperature, loss of flesh and exhaustion. In the chronic form, there is usually light discharge from the nostril which may be increased at times. The ulceration at first is usually too far up to be readily seen, and when the ulcers are visible they appear to heal and then break down again. The glands between the jaws are nearly always somewhat enlarged and harder than normal. The lung involvement may be so gradual as to present no marked symptoms, or to give the effect of lack of thrift and an occasional cough.

In farcy, the glands underneath the skin become involved, enlarge, and break down with the formation of an open ulcer. In the acute cases, the whole series of lymphatic glands of one or more legs or on almost the entire body may become involved and break down, giving a most disgusting appearance. The animal has a temperature and rapidly becomes emaciated. In the chronic farcy, the glands become enlarged more slowly, only a few are affected at a time, and the ulcers heal after a little time. There is often more or less stocking of the legs and this may be temporary or persist. Cuts or injuries do not heal readily, although the animal may look well. It is from the chronic forms that contagion is especially liable to be spread because the disease goes unrecognized. The disease is one that will not respond to treatment and affected animals should be killed at once.

—From Bulletin No. 113.

Purdue, Indiana Experiment Station.

**MISSOURI STATE HORTICULTURAL SOCIETY.**

49th Annual Meeting.

Booneville, Mo., Dec. 4, 5 and 6, 1906.

A number of prominent horticulturists from other states, from Washington, D. C. and from our own University will be present and give us the best practical information to be had. Evaporating, use of culls, cider-making, packing and selling will all have a part. A good program will be provided.

Rates will be given on the Railroads. Hotels also will give rates.

One hundred and fifty dollars will be given in premiums.

The apples will be repacked and held for the Jamestown Exposition.

Arrangements are made for the saving of specimens for that display in 1907.

THE MERCHANTS COLD STORAGE COMPANY, Kansas City, Mo., will take care of the collections and the Society will pay the express on them. We very much desire that the members save a fine collection of apples for this exposition, since we have so many good ones, and for the meeting of the American Pomological Society at the same time. Select the best you have, wrap them in paper, pack them well, put your name on them and send by express to L. A. Goodman, The Merchants Cold Storage Co., 550 Walnut St., Kansas City, Mo., and they will be cared for there.

L. A. GOODMAN, Sec'y.  
4000 Warwick Blvd., Kansas City, Mo.  
C. H. DUTCHER, Pres., Warrensburg, Mo.

**TO CAN FRUIT WITH HONEY**

continued from page 9


Watch this so as not to be misled by it. By the following morning the fruit will be cool. The jars are still standing on their caps. Examine for small air bubbles passing upward next the glass. If there is, it gets in between the cap and rubber and will spoil the fruit. Do not wait until the day gets warm or take the jars to a warm room to make this examination. Do it in the coolest part of the morning. That is when the contents are the most contracted and would be drawing the hardest to bring air in. When the fruit warms up a little the "draw" will come in the opposite direction from inside outward. It is impossible to can fruit and not leave a small space to be occupied with air. But air is no injury if the air is hot also. If the cans are set right end up the air space would be situated at the top of the jar next to the cap where the air is admitted. If the caps leaked air, the air which came in would join with the air already in the jar, at once, and there would be no chance to observe its entrance or progress. With the jars setting upside down the admitted air will traverse the whole length of the jar before becoming settled in the uppermost position.

If you see small air bubbles, the size of bird shot, following one another upward just get the "old man's" beeswax and rosin basin, and brush, which he uses to fasten foundation in broodframes, (three-fifths beeswax and two-fifths rosin, melted together) and spread a good coating all around over the rubber and covering the edge of the cap. After this keep the jars setting upside down for a week or more. Watch for bubbles on cool mornings and in the warm part of the day look the jars over to see if there is any juice sizzling out from under the edge of the caps. They cannot drive air out because the fruit is next to the cap, but the juice of the fruit will be forced out instead. Put on more wax,

towards evening, when air is being drawn in. Finally the fruit juice will become thickened also and thus all openings will be entirely closed. It is preferable to keep fruit in jars in an even temperature. Do not say you followed the above directions and fruit spoiled. Under this table, against the mop-board is a row of Mason jars of tomatoes and beans (snap) that have been there two years and they are in perfect condition. Tomatoes are the most difficult of all things to can. It is longer ago than I can remember when a jar of our fruit spoiled. We canned Blackberries, elderberries, strawberries, plums, peaches, pears, apricots, figs, grapes, apples by the hundred cans. Honey was used always. Sugar is a little safer in careless management but with good attention to details nothing could be safer than honey.

—Chatsworth, California.

**Warranted to give satisfaction.**



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A safe, speedy and positive cure for

Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable.

Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

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## Publisher's Department.

We are willing to do all we can to make the ads of our patrons attractive, but no free "readers" will be given to anyone.

We have no editorial opinions for sale at any price.

All advertising must be paid in advance when satisfactory references are not furnished, and then collections will be made monthly, and all bills are due as soon as a copy of the paper containing the ad is received. Send references when you send your ad and save time. We want them to protect our readers as well as ourselves. If you do not pay your bills promptly, we do not want your patronage.

### ADVERTISING RATES.

(Advertisements measured by agate line, 14 lines to the inch.)

Less than 14 lines, one inch, 10 cents per line each insertion. No ad taken for less than 25 cents.

14 to 84 lines.....	7½ cents a line
112 lines and over.....	6½ cents a line
168 lines and over.....	6 cents a line
336 lines and over.....	5 cents a line
672 lines and over.....	4½ cents a line
1000 lines and over.....	4 cents a line

Reading notices charged 10 cents per count line, brevier. Advertisements classed as objectionable will be rejected. Special position charged at higher rate, owing to position.

### THE CHICAGO SHOW.

The Annual Poultry, Pigeon & Pet Stock Show to be held in Chicago Jan. 23rd to 30th inclusive, 1907, will be an improvement on any of the series of high class shows heretofore held under the management of the National Fanciers' and Breeders' Association. The exhibits of stock, incubators, brooders, appliances, foods, remedies and all things pertaining to the poultry, pigeon and pet stock industry have at all times taxed to the utmost, the capacity of the largest hall obtainable. The attendance of visitors always great was phenomenally large last year. Plans are now being perfected to make the exhibition, whether from the standpoint of the exhibitor, the visitor or the management, better than ever before.

Premium lists giving names of judges and the varieties to be passed upon by each of them, and all necessary information to intending patrons will be issued about Dec. 15th, 1906. Twenty thousand will be mailed out and it is the intention to have one sent to every interested person, but if for any reason it is not received or additional copies are desired, write to the secretary, Fred L. Kimmey, 325 Dearborn St., Chicago, Ill.

### THE ST. JOSEPH POULTRY SHOW.

St. Joseph, Mo., Sept. 29, 1906.  
Editor Modern Farmer:

A mention in your paper of the coming poultry show by the Western Poultry Fanciers' Association in St. Joseph, January 21-26, 1907, will be greatly appreciated by the fraternity hereabouts. The judges are C. H. Rhodes and Adam Thompson, poultry; Charles Heuschle, pigeons. You are doubtless aware that the show last year was more successful than any

heretofore held in this city and I will state that the indications are that it will be fifty per cent larger this year. With the experience the management had last year we expect to be able to handle it more satisfactorily than formerly and to meet all our obligations promptly as we did last winter. Thanking you for any favors you may extend, I am

Yours very truly,  
E. L. McDonald, Secretary.

### SPECIAL CORRESPONDENCE

Washington, D. C.

According to government advices the prices of all kinds of meats are advancing in Germany, and the advances have caused a great falling off in the demand, compelling many butchers to go out of business. The German Butchers' Union has petitioned the authorities to allow the importation of cattle from Denmark and swine from France, but they ask for the exclusion of meat packed in casks, and that no canned meats be used in the army or navy. An ordinary cow now brings in Germany from \$71 to \$95, while finer grades sell from \$119 to \$166. Cows are much used on the farms for draught purposes instead of horses. Farm labor has not advanced in proportion to the prices of products. Much of the farm labor is performed by women, and the wages range from \$60 to \$71 per year, including board and lodging. Prices of meat have been steadily advancing to the consumer, in this country, but have not yet reached the stage to drive dealers to close from the want of patronage. The new meat inspection law is charged by the packing houses with being the cause of the advance in prices. Thus the consumer gets it on one hand, and the producer on the other, the packers and dealers getting the benefit.

For a number of years the Department of Agriculture has been conducting a series of experiments, at different stations, in breeding, and in preventing the inbreeding of corn. The experiments have not been altogether successful, but are in the progress of reaching to a higher state in the cultivation of corn, both in quantity and quality of the grain. As one method

of preventing inbreeding, or to entirely eliminate it, detasseling has been resorted to, but the result is still an open question. The detasseling process has been more extensively tried at the Illinois station than at any other, and the conclusion has been reached that if it is beneficial at all it is most likely to be on poor soil or in dry seasons. It was also demonstrated that sometimes detasseling results in a decreased yield, at first. The detasseled corn, owing to the absence of pollen, had no influence on the breeding of tasseled corn, but was crossbred itself each year of the experiments. It is proposed to continue the experiments for several years yet, in the hope that a successful system of crossbreeding will be developed that will increase the yield and, at the same time improve the quality.

\*\*\*\*

The Department of Agriculture has been conducting a series of experiments to test the value of cover crops in increasing the hardiness of young fruit trees with results varying according to climates and conditions of weather. In Nebraska cover crops were found decidedly beneficial, while in North Dakota they proved very harmful. So it would seem that orchard-growers will be left to their own devices according to conditions in their sections.

Some of the reasons why butter fails to come are: Cream too cold; Lazy hand at churn; Cream too warm when churned; The cream not raised and skimmed in due time; Cream not churned at proper time—kept too long; Cream allowed to freeze—injured still more in thawing; Want of proper cleanliness in milking and setting the milk; On account of the unwholesome food and water supplied; Because of some disorganized or unhealthy condition of the cow; Lack of right conditions in the raising of cream—pure air and proper temperature.

The Modern Farmer and Busy Bee	\$ .50
The Breeder's Gazette (A great paper)	2.00
Gleanings in Bee Culture	1.00
Farm Money Maker	.25
Poultry Gazette	.25
One Gold Filled collar button	.25
	<hr/> \$4.25

All for \$2.00

# HOMESEEKERS RATES

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### Every Tuesday



To Homeseeker Points in other States the First and Third Tuesday of each month  
Ticket Office 426 Edmond, St. Joseph, Mo.

# Farm Beekeeping By the Editor.

Tell us what you know about bees and ask us questions about what you do not know. We are here to help our readers. We have no desire to give information about bees that will not be of practical utility to the farmer. He is the man we want to see getting more of the sweet things of life.

It will not require the efforts of any cooperative association to sell the honey crop this year. All one needs to do is to ask enough, offer his honey to those who live near him, and he will very likely find a market at a good price. If he does not, a small ad. in a farm paper will do the business. There is hardly enough of this delicious and healthy sweet to go around.

Save the beeswax, as it always brings the cash and a fair price. Remember that it must be clean, free from dirt, honey, pollen and propolis in order to bring the best price. Let it cool slowly in a pan half full of hot water, and the sediment will settle down out of the wax. The slower it cools the cleaner it will be. A good way is to set the pan in the oven after you are done using the stove, and let the wax cool off as the stove cools. Put a cover on the pan so it will not begin to cool at the top.

The American Beekeeper seems to have gotten a center shot. It devotes a large installment of its space in the last issue trying to say mean things about the editor of the Modern Farmer. Well, there is some consolation, its vocabulary is limited, and what it says about us it will probably not say about other people. This once excellent bee paper is fast becoming, under its present policy, the "muck rake" organ of beedom, but it should remember that other people have rakes, and that vituperation will not pass for facts very long. Most people grow tired of the odor of a cesspool in a short time. Now, will you be good?

A correspondent in the Breeders' Gazette says he wants to know the important facts about the life of the honey bee. The most important fact in the life of a honey bee is the fact that she has an instinct for storing honey, which can be made very profitable to those who know how to take advantage of it. The thing that is often condemned in a man is what makes a honey bee profitable, she never reaches the point when she says she has enough and is willing to stop. As long as there is any nectar in sight, and she has any strength to go after it, she continues to store it away, and this is what makes her profitable.

The following is credited to Hawthorne:

"Multitudes of bees used to busy themselves in the yellow blossoms of the summer squashes. This, too, was a deep satisfaction, although, when they had laden themselves with sweets, they flew away to some unknown hive which would give back nothing in requital of what my garden had contributed. But I was glad thus to fling a benediction upon the passing breeze, with the certainty that somebody must profit by it, and that there would be a little more honey in the world to allay the sourness and bitterness which mankind is always complaining of. Yes, indeed! my life was the sweeter for that honey."

If alive now, Hawthorne would

know that the bee does more for the squash and its owner than the squash could possibly do for the bee. No bees of any kind means no fertilization, and, of course, no fertilization means no squashes.

The editor of the Modern Farmer was sorry not to be present at the meeting of the National, as he fully expected to be up to the day before it began, but the trend of things seemed to be against our going, so we very reluctantly gave it up. We are informed that there was a very fair attendance and that the meeting was a good one, as we felt sure it would be. The next good thing in store for beekeepers is the meeting of the Northwestern Association, in Chicago, the first week in December, and we

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We manufacture everything needed in the Apiary, and carry a large stock and greatest variety. We assure you the best goods at

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and our excellent freight facilities enable us to make prompt shipments over 15 different roads, thereby saving you excessive freight charges as well as time and worry in having goods transferred and damaged. We make the

**Alternating, Massie, Langstroth and the Dovetail Hives.**

Our prices are very reasonable, and to convince you of such we will mail you our free illustrated and descriptive catalog and price list upon request. We want every beekeeper to have our Catalog. Write to-day

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shall make a special effort to attend this meeting, for we are sure to miss a good thing, if we do not. The bee-keepers who manage this meeting know how to have a good time, and how to help others to have a good time also.

**BEEES MOURN THEIR KEEPER.**

A most remarkable demonstration that the honey bee has affections occurred at Wall Lake, Iowa, when Oliver J. Seer, a pioneer apiarist died. It had been his custom to move among the bees without covering his hands or face. The bees followed him about the yard and into his workshop with never an offer to injure him. In the winter when their supply ran low, he fed them sugar syrup and rye flour. He covered their hives with blankets to keep them warm. From the day of his death there was unrest in the colony of bees. On the day of his funeral the bees swarmed about the hearse and thousands followed it to the cemetery. Several swarms of bees deserted their hives and were found in trees in the cemetery near the grave of their former owner.

The above, an Associate Press dispatch, from Des Moines, Iowa, to the St. Joseph Daily News and Press is the best possible evidence that the fools are not all dead, and that some of them are still writing for the daily papers. The story is more than a thousand years old, and, worst of all, is not true. Bees fly around where there is fresh varnish, and this gave rise to the idea that they were mourning for their keeper, for in early times coffins always left the varnish smell of the cabinet shop. A reporter with a vivid imagination could easily invent the rest, in order to give color to the first part of the story.

Please bury this story and let it remain buried, as it can serve no good purpose above the ground.

**COLORADO NOTES.**

Longmont, Colo.

Editor Modern Farmer:

The development of Bee Culture along certain evolutionary lines, has progressed in Colorado until the production of honey has become very extensive.

Bee culturists have advanced by studying the bee scientifically, and applying the benefits derived therefrom, until the business has been crowned with success.

The business has a fascination for those that invest and labor along that line, from the fact that they are producing one of the most healthful foods, and the business is remunerative.

Extensive Sunshine and the mildness of the climate, no doubt, contribute largely to success in this line of business, here in Colorado.

The following is a report of Millard A. Gill of Longmont Colo. for the year 1906. Had under my supervision

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is edited by experts. Experienced contributors make its articles authoritative. 29,000 bee-keepers read it because they make money following its teachings. You can do the same. Late copy is yours. Just write for it. Read it. Then send 25c for 6 months' trial. Do it now. **A. I. Root Company, Pubs., Medina, O.**

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**THE KANSAS CITY JOURNAL,**  
Kansas City, Mo.

A good milk cow eats no more than a bad one, and she may produce two or three times as much. Among cows, as elsewhere, it is large production that pays a profit, and it is a mistake to make a good producer pay the cost of keeping a bad one.

1000 colonies of bees. Situated in several different localities in the surrounding country, or divided into several bee yards.

Myself and wife, did most of the work in attending to these bees. The work was laborious, but healthful, being in the open air and sunshine, which made it pleasant. Drove about 100 miles per week in attending to them. The roads were comparatively level, mostly dry, and but little mud. Honey in this locality is gathered from alfalfa and sweet clover, except what the bees obtain from fruit blossoms, and various desert plants, in the Spring of the year.

Sold this year, 2400 twenty-four pound, shipping cases, at, for No. 1, \$2.70 per case. For No. 2, \$2.35 per case. Sum total \$6100. The probable expense of supplies and shipping was \$1000. The year was not considered the best, but was fair. Bees are in good condition for the beginning of winter. Longmont alone, produced eight car loads of honey this year. Some of my best colonies produced \$20. worth of honey, each this season. Colorado produced 42 car loads of honey for the year 1906. Bees winter out here, do not have to be housed.

Dr. O. Ewers.

Lift your hives and if they do not seem heavy enough to contain thirty or forty pounds of honey, it will be best to feed all light colonies. The best, and about the only safe way to feed now is to put a cake of sugar on the frames directly above the cluster. Lay some sticks on the frames first, so as to make a space of from one-half to one inch between the frames and the cake of sugar. Make the sugar cake out of pure granulated sugar, and be careful not to burn it when you are preparing it. It should be so hard that it will not run. You cannot very well make it too hard, but if it is too soft, it will smear the bees and they will soon die.

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Mrs. Beentrough—A young pig will be cheaper than two turkeys.

Mr. Beentrough—But why do we need two turkeys;

Mrs. Beentrough—Goodness gracious! don't you know that each of the four children will insist on having a drumstick?

—Woman's National Daily.

"That young Medders seems rather new to the city, but he's got a lot of money. How did he get it?"

"Gas."

"You mean he was engaged in the manufacture of gas?"

"No; a rich old uncle of his blew it out."

—Woman's National Daily.



# Farm Poultry

By N. J. Shepherd.

It pays to keep the very best.

Feed breeding fowls judiciously. Over feeding will spoil any flock. Like milk, an egg is complete food in itself. One bushel of good grain will feed one hen one year.

Gravel is what fowls need. Sand is but a poor substitute. The best egg producers are not always the best market fowls.

If the hens get sore feet, or have bumblefoot, the roosts are too high.

Feed sulphur sparingly as it will cause rheumatism or leg weakness.

Corn lasts longer and produces more heat than any other grain fed to poultry.

Young fowls need crushed bone in some form to develop good blood, bone and feathers.

Warm feed tends to have a stimulating effect without the injurious qualities of pepper.

No amount of food will produce a continual supply of eggs, if the hens are not healthy.

It pays to feed young fowls liberally until well grown. Plowing and liming the poultry runs purifies the soil.

In sending dressed fowls to market, it is very important to see that the animal heat is thoroughly cooled out before packing.

If the fowls get too fat, give them some grain not rich in carbohydrates. Oats as a single food will tend to lessen the fat.

Many fail with poultry because of trying to winter too many hens in small quarters. Hens that are crowded will not lay well.

Better have scrub stock that have an inherited aptitude for hustling than to submit good blood to the inevitable consequences of neglect.

If an abundance of good, sharp grit be kept constantly within reach of the fowls, many ailments that spring from indigestion would be avoided.

Variety in food is needed in keeping a healthy flock; too many neglect this, giving a sameness of diet that in time brings many ailments among the fowls. Poultry require a variety, especially when confined.

Hens which are slow moulting and which go about late in the season with pinfeathers showing indicate a lack of vigor, even to produce feathers, and they will be less likely to produce a profitable number of eggs.

It is quite an item to obtain the best results from a flock of hens in winter, no matter what breed they are. It is governed almost entirely by two things, viz: the quantity and quality of their feed and the nature of their surroundings.

There is no part of the chicken business more important than to keep the flock free from unproductive stock. This requires an annual weeding out, to dispose of old and useless hens and such other fowls as are not necessary in the flock.

The feed trough, or, rather, the feed hopper that is kept full of food is the lazy man's method of feeding and it is not only expensive but it induces the hens to eat at all hours of the day, and causes them to fatten and become subject to disease, thus diminishing the supply of eggs.

A little parched corn or wheat is an excellent relish for poultry at this season. The grain should be parched until a considerable quantity of it is burned to a charcoal. It will have just as much value burnt so as if serve as a corrective of the system. fed fresh, and even more, for it will

Oh!

As the steamer was leaving the harbor of Athens, a well dressed young passenger approached the captain and pointing to the distant hills inquired: "What is that white stuff on the hills, captain?"

"That is snow, madam," replied the captain.

"Is it, really?" remarked the lady. "I thought so myself, but a gentleman has just told me it was Greece."

—Harper's Weekly.

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# Dairying on the Farm BY N. J. SHEPHERD.

The relative proportions of fat and casein are changed in a marked manner by a change in the ration.

Succulent food increases the flow of milk, but does not materially increase the proportion of water in it.

An extra yield of butter will naturally follow the use of richer feed, if the cow has been well selected; but a similar result may not follow in the case of an ordinary cow.

When a cow is in full milk and full flesh she will give her normal quality of milk for at least a limited time, even though the quality and quantity of the food be very deficient.

Good cows well cared for, and their butter products well made and judiciously marketed, and all of the by-products used to the best advantage, comprise one of the most profitable branches of all our agriculture.

Cows give a more regular quantity of milk in winter, and of more uniform quality than in summer, because the feed is of regular quality and quantity in winter, but very irregular in summer, owing to the varying conditions of the pastures.

Under average conditions succulent food is productive of the largest quantity of fat in the milk and has the effect to cause the cream to separate more readily from the milk, and the butter globules from the cream, leaving less fat in the buttermilk.

Dairying plays a most important part in the successful rotation of crops, and perhaps no better means can be found of turning all kinds of grain and fodder into a valuable fertilizer, and so adding to the fertility of soil, than by feeding them to dairy cows.

Pedigree will not make a good dairy cow. She should be selected with individual reference to her capabilities for filling this position. Let her performance at the pail be the test, and then the longer pedigree that is attached to this prime qualification, the better.

Cream should not be churned on the day it is taken from the milk, but should be well stirred and allowed to ripen evenly before it is put into the

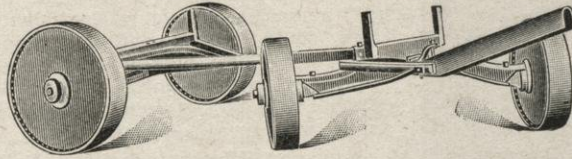
churn. If treated in this way, and the temperature is right, there will be no trouble in getting the butter globules to separate properly from the milk.



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So long as the cow is warm and comfortable her flow of milk is steady and normal; but as soon as these conditions are changed, and discomfort and exposure to cold rains and storms in muddy barnyards, without shelter or sufficient food takes their place, her milk yield will decrease. Comfort in every essential is necessary to keep a cow up to her best in milk production during the winter.

One of the advantages in the use of dry dirt in which to scratch for loose grain is that it also prevents lice. If the hens are given plenty of dry dirt, they will dust frequently and remove lice from their bodies. It is the cheapest material that can be used, is plentiful, and is beneficial also as a disinfectant and deodorizer in the poultry house.

An Irishman addicted to the spinning of fablous yarns said he saw a man, with his hands tied behind him, beheaded, and pick up his head and stick it on his shoulders. "Ha! ha! ha!" remarked the slow Englishman, "how could a man with his hands tied behind him pick up his head?" "And sure, what a purty fule ye be; couldn't it be picked up with his teeth? Away with yer botheration."

Woman's National Daily.

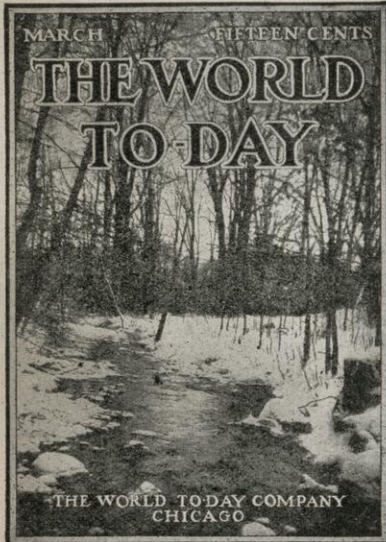
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The World's Work, edited by Walter H. Page, covers the whole subject of the world's activities without cant, or clap-trap, but with a power of human interest and a directness of method that gives the reader an uplift and an optimistic view of the people and events of his time.

The Delineator is for women! It is the most comprehensive magazine for women that can be devised, and tells the things every woman wants to know.

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It is the magazine for the progressive American home.

You better take advantage of this at once before it is withdrawn. Nothing can be substituted in this club and no subscription will be taken for any single one of the first three except at regular rates.

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  - Farm & Stock [St. Joseph]
  - Poultry Success
  - Farm Poultry
  - American Beekeeper
  - National Fruit Grower

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- Harper's Bazaar
- Inland Poultry Journal
- Our price one year, \$1.75
- Woman's Home Companion or Gleanings may be substituted for Harper's Bazaar

- Modern Farmer
- Green's Fruit Grower
- The Housekeeper
- Inland Poultry Journal
- Our price one year, \$1.00
- Anything in class B may be substituted for Green's Fruit Grower or the Housekeeper.

- Modern Farmer
- Cosmopolitan
- World To-Day
- Inland Poultry Journal
- Our price one year, \$1.75
- Gleanings may be substituted.

- Modern Farmer
- Rural Magazine
- American Boy
- Kimball's Dairy Farmer
- Inland Poultry Journal
- Our price one year, \$1.75
- Anything in class C may be substituted for American Boy or Rural Magazine.

### SPECIAL

- Modern Farmer
  - Inland Poultry Journal
  - Woman's Magazine
  - Woman's Farm Journal
  - All one year, only **50c**
- |                              |                |
|------------------------------|----------------|
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| Country Life in America..... | 4.00           |
| The World's Work.....        | 3.00           |
| McClure's.....               | 1.00           |
| Delineator.....              | 1.00           |
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See next page, and page two of cover for other clubbing offers.

# Clubbing Offers

All clubbing offers not found in this issue of the Modern Farmer are now withdrawn.



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Inland Poultry Journal  
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Any paper in class D may be substituted for The World To-Day; anyone in class C for the Western Fruit Grower.

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Woman's Farm Journal

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Our price one year, \$3.10

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Modern Farmer	.50
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World's Work	3.00
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Modern Farmer  
Cosmopolitan  
Inland Poultry Journal  
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Gleanings in Bee Culture may be substituted for the Cosmopolitan.