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## **The modern farmer and busy bee. Vol. 17, No. 12 December, 1906**

St. Joseph, Missouri: Emerson Taylor Abbott, December, 1906

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"Lo, we bring



glad tidings."

The

# Modern Farmer

## and Busy Bee

A FRIEND OF ADVANCED AGRICULTURE AND HAPPY HOMES.

VOL. XVII No. 12. Devoted to the Interests of the Farm and Home. FIFTY CENTS A YEAR.

DECEMBER

### A HOME SONG

By HENRY VAN DYKE.

I turned an ancient poet's book,  
And found upon the page;

"Stone walls do not a prison make,  
Nor iron bars a cage."

Yes, that is true; and something more:  
You'll find, where're you roam,  
That marble floors and gilded walls  
Can never make a home.

But every house where Love abides  
And Friendship is a guest,  
Is surely home, and home, sweet home,  
For there the heart can rest.

-Country Life in America.

ST. JOSEPH, MISSOURI

1906





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See last two pages of cover.

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THE MAGNIFICENT \$1.50 MAGAZINE.

Equal in its beautiful makeup to the best,  
and very practical. It is a country life maga-

zine, combining the best features of this publication with all the elegance of construction that fine coated paper, and beautiful illustrations and careful press work can produce.

It is full of the spirit of practical life and its

articles are the "How to do" kind, from the pens of writers who draw from their own personal experience.

It is a magazine of about forty-eight pages, 10x14, with cover designs reproduced in colors direct from photographs.

You will never have another chance to obtain Suburban Life at the prices quoted:

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Suburban Life

Review of Reviews

Woman's Home Companion

Our price one year, only \$3.10

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Suburban Life  
Cosmopolitan  
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The Modern Farmer  
The Commoner (Bryan's Paper)  
Inland Poultry Journal  
Woman's Magazine or  
Woman's Farm Journal

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Any paper in class C may be substituted for the Commoner.

### Make Your Own Clubs

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.

## Break Ground in the Southwest

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.

Country Life is \$4.00 per year and cannot be had alone for less, but for a short time we offer:—

Country Life in America

Good Housekeeping

Inland Poultry Journal

Modern Farmer

All one year \$4.00



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.

Mention the Modern Farmer when you write to any of our advertisers.



# 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.

Are you ready for winter with all the stock provided with comfortable quarters and all of the farm implements and machinery under cover? If not, it will pay you to do it yet.

Do not force the boys and girls to do questionable things in order to get a little spending money for Christmas. Many boys and girls have gone to the bad because they were not permitted to have any money they could call their own. It is wise to guard against the possibility of such things.

Why is it that some men do not know how to have a good time and not "get full"? Is it not possible to show a friendly feeling toward a friend or your neighbor without asking him to take a drink? Is it necessary to help a man make a fool of himself in order to keep on friendly terms with him? We hardly think it is.

Teach the children to be polite and to speak in a respectful way of the neighbors and the people they know. It does not give one the impression of good breeding to hear a boy or girl talking about "old man Smith" or "old man Jones." It will improve their morals as well as their manners to teach them to say "Mr."

Let us order all of your papers, we can duplicate any club offer made if you will tell us where you saw it. Read our offers and compare them with others, and see if they are not as good as any others you have seen, and in some cases better.

The Modern Farmer is not very large, but do you not think you will miss it if it does not come anymore? It costs so little, especially in clubs, that there is no reason why everyone should not have it. Will you not send in your renewal to-day? It is our purpose to make the bee department very prominent next year, and this alone will be worth more than the paper costs. Then you cannot read our dairy and poultry notes without getting some very valuable hints.

Be careful how you direct and wrap your mail. There was sold by the U. S. government at auction in New York Dec. 14th, 36,000 parcels directed to foreign countries, 36,000 of unclaimed packages of domestic mail, and 52,000 articles found loose or without wrappers in the mail, 124,000 in all. Did any of them belong to you? They surely belonged to somebody; and it was due to the carelessness of the senders that they did not reach their destination, and from no fault of the government.

A writer on in-and-in breeding in the Wisconsin Farmer says: "Some time ago we cited an instance where a sow with four pigs when bred to a half-brother, farrowed and raised a litter of ten, and when these weighed 250 pounds they were all walking on their dew-claws. The plan in this instance was to fix other desirable characteristics in the off-spring of this sow, but instead the weaknesses were reproduced." Here is a sample of the kind of argument that is frequently used to show up the bad influence of in-and-in breeding, but in this case there is nothing to show that the trouble came from breeding animals that were closely related to each other, and the truth of the matter is that this had nothing to do with it. The trouble came from breeding animals both of which had a tendency to this special weakness, and the results would have been the same under similar circumstances if they had not been related at all. The thing to do is to stop breeding animals that have any constitutional tendency to weakness, or that have any kind of disease, and then there will be no trouble from in-and-in breeding.



By a careful investigation made by the Department of Agriculture in connection with the Minnesota Experiment Station it has been found that the average cost of producing an acre of corn in Minnesota is \$10.86 when the ears are husked from the standing stalk. When it is cut, shocked and shredded, \$14.74. When cut, shocked and hauled from the field, \$11.02. When made into silage, \$18.21. If the land grew 80 bushels per acre, this would be about 13 cents per bushel for the husked corn, and about 23 cents per bushel for corn in silage. Of course, as the quantity per acre is reduced the price per bushel would be increased. Conditions vary in different localities, but these figures furnish a basis for an estimate of the cost of production in any locality.



A great deal is said in these times about the importance of Agricultural Education, and very properly too, but it is just as important for the farmer to put in practice what he knows now as it is for him to learn new things. We can look out of the window from where we are sitting as we write this and see a field that was sowed late in Kaffir corn, or ordinary field corn, we are not sure which, and it was cut a month or more ago for forage. After it had lain on the ground for a week or ten days it was piled up in small cocks and most of it is there yet. Now, no one could make us believe that the owner of this does not know that this is not the proper way to care for a crop of this kind. He no doubt knows as well as the reader that the food value of his crop would have been increased from one-third to one-half, if he had looked after it properly. During a late trip to Chicago we noticed acres and acres of corn which had been cut up and improperly put in the shock so that the wind had blown it half down and the fodder is exposed to the weather and has become almost worthless. Now, it is not agricultural education which these people need, but a will and energy to do what they do as it should be done. It is not from a lack of knowledge that they do not look after their crops properly, for every sensible man knows that it does not pay to harvest any kind of a crop in such a careless shiftless way. We think we would be safe in saying that at least one-fifth of the food value of the crops grown in the Central West is lost every year on account of just such shiftlessness. Reader, how is it with you, is any of your crop going to waste

in this way? If so, better stop the leak in so far as you can at once. Hay is scarce and high and is sure to be higher before another crop grows, and it will not pay to let any kind of a forage crop go to waste.



The worthy Postmaster General is still talking about the annual deficit of the postal department. It is true he says that it is only a "paper deficit," and is the result of charging up to this department the expenses of other departments, yet he cannot get away from the idea that the second class mail is responsible for the entire trouble. It is easier to find a scapegoat in the form of an uncalled for attack on the constitutional and legally conferred rights of publishers of periodicals and newspapers than it is to correct the book-keeping methods of the department, and eliminate from it all unbusiness-like and political methods, therefore this cry of reform is kept up and many of the people think it really means something. Publishers are accused of all sorts of high crimes and are held up before the people as a set of robbers, robbing the people of millions of dollars every year, and worst of all some of this kind of rot is published at the expense of the government,—the people, you and the writer, and is sent out postage free to any one who will read it. Great government this! when the servants of the people use a government frank and spend their time sending out literature trying to compel congress, the people, to give them more power, when they are unwisely and improperly using what they have now. If the honorable Postmaster General really thinks that the postal department of the government is costing the people too much, why not begin at the proper place to reduce expenses? First, abolish all purely political employees and conduct the business of this department on business principles. Why should a city like St. Joseph pay a political postmaster three or four thousand dollars a year to watch another man who is the real postmaster do the work? Echo answers why? Perhaps the Postmaster General can tell. We cannot. There are hundreds of such cases all over the United States. Why should the government pay the railroads more for the same kind of service than the Express companies pay? Why cannot we carry the mails just as cheaply as they do in other countries? Why cannot the government conduct this service for the people as cheaply as it can be conducted by private enterprise? A company of re-



sponsible men headed by Mr. Boyce, of Chicago, has offered to cut the rates on all classes of mail square in two, and take the contract of handling the mails on this basis if Uncle Sam will pay this rate for all of his business for the various departments. They say they can do this and make money. So can the government if it will conduct its postal business on strictly business

principles. Papers and periodicals are only so much freight, as another has suggested, and \$1.00 per hundred for carrying it is more than it would average if given direct to the railroads to carry. The farmer should stick a pin here, and remember that an increase of rates means he will pay more for all his papers and periodicals.



## Corn Improvement-Pen Picture of the Local Corn Show.

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

The show is in charge of the progressive, energetic farmers and business men of the day; the ones who have noticed that improved corn means increased yield and better quality-the ones who know that where there is a definite object sought for, a few generations of line breeding for a purpose accomplish surprisingly satisfactory results.

The object of these persons is to continue the work of corn improvement as at present, increasing producing capacity or yielding ability, raising a stipulated quantity of fewer acres, devoting the extra acreage to a carefully planned rotation of crops where in free nitrogen is captured from the air by leguminous plants, utilizing an additional amount of land for pasture purposes thus keeping more stock, cutting out to some extent the perplexing question of farm labor, while at the same time the farm becomes richer and richer instead of gradually depleted, and in this final improved condition is able to produce more and better corn per acre than ever before, as the work of advancement goes forward, for we are now considering the interests of the farmer of the corn belt region. Herein the corn show has much to do with the present transformation from a depleting

system of extensive farming to a profitable system of intensive farming.

The first move has been to create interest in the local show. The local interest is usually found to be sufficient to produce a really good show when confidence in the correct placing of the awards is thoroughly instilled. In many instances the management has applied to the Secretary of the State Board of Agriculture for a Farmers' Institute, asking to have one speaker who can properly award on corn. In this way they secure the services of those who have had extensive experience in that line. In other instances local shows secure the services of an expert judge on corn from the Agricultural College or Experiment Station, thus getting the application of technical requirements, combined with a complete knowledge of comparisons and methods tested at the Station, and in either instance the professor or student is amply able to furnish much needed information to the corn farmer of practical experience.

In case the application has been delayed until the professional corn judges are not to be had the local show is not to be abandoned. Very naturally the best posted farmers on up-to-date require-

ments are exhibitors, however, few of them have exhibits in all classes and individual judges for the various classes are secured by selecting them from the other classes, and thus really good service is obtainable in disinterested and unprejudiced individuals.

The judges of the various classes have access to the last Annual Report of the State Board of Agriculture which always contains the revised corn score-card for the State of Missouri and by reference to it and the accompanying instructions they are able to do quite uniform work as corn judges.

All good judges are perfectly willing to give some of the principal reasons for their awarding and a short public demonstration from each of the judges is very much enjoyed, is instructive and thus of benefit to the exhibitors and spectators.

Following this, the winners in the various classes are cordially invited to take the floor and briefly announce the variety name of their exhibit, relate the history of it so far as is known, describe their respective methods of planting and cultivation and finally to give their estimate of its yield per acre this year.

This latter exercise will rightly provoke some discussion which



will lead to a number of comparison trials by planting rows of the various kinds side by side and thus much useful knowledge will be gained that will mean dollars to the corn farmer, for the difference in yield will actually be found to be very considerable in many instances. I have now tested nineteen varieties in this manner and recommended other farmers to do a little testing every year and see what they

can develop.

The judging thus performed is satisfactory to the exhibitor at local shows, for if he has a winning exhibit he then sends it to the State Show at Columbia, Mo., January 7-12, 1907 to win a part of that Thousand Dollars.

Finally, the magnificent premiums and cash is to be won at Columbia in January. Somebody must do the winning. The local show is the first step toward se-

curing it on your corn. After the local show each ear is carefully wrapped in paper, closely packed in a mouseproof box and securely fastened to await the date of the State Show; after all, the winnings that are made by those persons who test the yielding capacity of the various corns as herein outlined are many, many times that of the hundreds of dollars that now await your capture at Columbia in January.



# 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 second installment of Ernest Russell's forceful series, in *Recreation* for December, "The Sons of the Settlers," running in this well edited magazine, is a remarkably good essay on the gene is of the pioneer spirit.

The December Garden Magazine contains a unique feature in the "Record-breaking Experiences in Gardening," which is a collection of the actual achievements under unusual conditions of its friends and readers in different parts of the country. This annual feature which is peculiar to this magazine makes it quite different from all other of the holiday numbers.

Among the special features of the Christmas number of *The Housekeeper* are "Three Gifts," by John Kendrick Bangs, a full page illustrated poem; the third of Japanese series of articles, by Marian Bon-sall, entitled, "The Art of Giving"; "Yuletide Down My Way," by Owen Kildare, a striking plea for a broader spirit of Christmas giving to the people of the tenements.

There has lately come to our table a magazine entitled "Correct English—How to Use It." It is published at Evanston, Ill., a monthly, \$1.00 per year. If we could go back forty years, and saw things as we do now, we would consider it cheap if it cost five times that. It is very hard for a leopard to change its spots, especially when he is nearly sixty years old, but notwithstanding this we have read "Correct English" with a deal of interest. The young student will find it a rich field of suggestion.

The U. S. Department of Agriculture has issued, as No. 270 in the Farmers' Bulletin series, a treatise on "Modern Conveniences for the Farm Home." The object of the publication is to show how farmers can equip their homes with many of the conveniences now largely confined to the city homes. Among the subjects treated are water supply, plumbing, bath rooms and closets, sewage disposal, and heating. The bulletin which contains 48 pages, is for free distribution, and application may be made to the Department of Agriculture or Senators, Representatives, or Delegates in Congress.

Fiction appropriately flavored with the Christmas spirit, is a predominating feature of the *Woman's Home Companion* for December. Mary E. Wilkins contributes in "The Gift of Love" a typically Wilkins picture of New England as we have learned to see it through her delightfully entertaining stories. Tempae Bailey also writes with a holiday flavor in "The Christmas Storm." Among the special articles are "Christmas Thoughts" by Edward Everett Hale, "Woman's Share in the New Child Labor Program" by Samuel McCune Lindsay and "Easy-to-Make Christmas Presents" by Grace Margaret Gould.

Agas and ages before the star hung over where the Young Child lay, all of North Europe kept a feast on December 25th. This is no place to talk of the precession of the equinox, but the stubborn fixity of that date proves the high antiquity of the feast. In almost every month of all the

twelve, good Christian men have celebrated the Nativity. Yule-tide never varied. Perhaps the missionaries hoped to smother out this heathen festival by crowding Christmas in upon it, but it would not die. It has been sweetened and softened by Christmas, but it is Yule, not Christmas, to this day.—Eugene Wood in "A Christmas Thought," in the December *Everybody's*.

The second number of the *Homebuilder's Supplement*, which appears with the December number of *Country Life in America*, is replete with practical helpful information and inspiring pictures relating to the building and furnishing of houses, and similar topics. One article tells of a modern house at Montpelier, Vermont, which is completely equipped with electric devices—stoves, radiators, lamps, chafing dishes, coffee urns, shaving mugs, bed warmers and flatirons. Other articles are "The New Ideas in Furniture," "A \$300 House Built by an Amateur," "Warm Air Heating Systems," "Interior Woodwork," "Christmas Decorations," "How Many Rolls of Wall Paper," "Wind-breaks and Hedges," "Making a Cement Sidewalk."

"My Life—So Far," by Josiah Flynt, the first installment of which appears in *Success Magazine* for December, is hailed as "the most remarkable autobiography of modern times." Mr. Flynt, who is the author of numerous stories dealing with tramps, pickpockets, and other denizens of the underworld, begins here the narration of his life-story, a tale of restless



yearning and of wandering throughout many countries, always seeking a will-o'-the-wisp, the golden land in the distance, the treasure at the end of the rainbow. The route of this noted wanderer led him in his fruitless chase from the brake-beam of an American box-car to the home of Tolstoi, to the University of Berlin, to mysterious cities of Asia, to the "open road" of the vagabond adventurer in half a dozen countries.

The Christmas Annual of Country Life in America has come to be an American institution—full of good cheer, glowing color, and Yule log "feeling." It is like the great English Illustrated Annuals in its sumptuous illustrated friendly makeup. But it is also intensely national and New World. In it the immortality of Santa Claus is affirmed and proclaimed. And the two supreme notes of the day are sounded—the religious note and the note of childhood. "Santa Claus and his Reindeer" by A. Radclyffe Dugmore, tells of a brand-new, stuffed reindeer—a Christmas novelty that will thrill children of all ages. Dr. Henry Vav Dyke contributes a "Home Song" that will become a domestic classic. B. Ostertag tells of "Old Christmas Customs and Dishes." "The Homebuilder's Supplement"—the famous new feature of the magazine—is full-laden with architectural and decorative ideas.

The December number of Suburban Life carries out most successfully its policy of catering to the great and steadily increasing number of our population who like to combine country life to city wage earning. Although this number starts off with a delightfully illustrated article by Miss Martha McCulloch-Williams called "An Old Plantation Christmas," which describes the joys of Christmas in the South "before the war," the number is not entirely devoted to the Christmas literature, so to speak, as are many of the magazines. There is a most practical and interesting article on "Buying a House With a Mortgage—Is it Cheaper than Paying Rent?" by Charles J. Fuess, the well-known author of books on economy of householding, and Mr. G. M. Twitchell contributes an interesting article on the bringing up of a horse, starting with its earlier days in order to train it to be a most valuable servant.

With a holiday cover of green and gold, and packed with interesting matter and pictures, the December World's Work is a worthy Christmas offering. There is no more effective Christmas story than that told by Walter H. Page, the Editor, of the life and work of the late Charles McIver, perhaps the most useful Southerner of his time. A significant symposium on "Ex-

periments in Municipal Ownership" is presented by T. B. Womack and C. M. Keys who tell of the failure of state ownership in North Carolina, Missouri and Pennsylvania. In "A Farmers College on Wheels," Booker T. Washington tells of an undertaking that is making shiftless negroes useful, and in "A Temple of Preventive Medicine," French Strother shows what the great Rockefeller Institute is doing as an enemy of death, while Dr. Luther Gulick continues his successful health and hygiene series with "Growth In Rest."

Given one hundred pages of solid and helpful reading with a world of fine illustrations and instructive ads, a supplement that shows the faces of two as fine animals of the bovine type as ever graced a show ring, and a highly enameled cover in colors that fairly glistens with beautiful and artistic workmanship, and you have the 25th anniversary number of the Breeders' Gazette; a number which reflects great credit not only on those who prepared this literary feast of good things, but on those who did the mechanical work, the enterprising publishers, and the live stock industry, which it represents, as well. Even the ads are bewitchingly attractive and are an inspiration and help to those who are so fortunate as to possess a copy of this superb number. Do you know how little it will cost you to bring this great weekly exponent of the live stock industry and of general farming, including all the special numbers, and several other valuable papers to your home for one year? Here is a special for a short time only.

The Modern Farmer  
The Breeder's Gazette  
Inland Poultry Journal  
Kimball's Dairy Farmer  
The Western Fruit Grower

All one year for \$2.15, but you will need to act quickly. You can substitute anything in class C, found on another page, for the Western Fruit Grower.

#### A Phenomenal Increase

There has been a general increase in the value of farm lands, equipment, and buildings of over 33 per cent during the last five years. The highest increase has been in the South and West, and the cotton lands show the greatest change. This is all the more remarkable in view of the fact that in some of the Eastern farming sections where the soil has been robbed and where the "country estate" owner has not invaded, there has been a material decrease in values.—Farming.

When you are satisfied with your success, you will begin to wither, shrivel up.

—Success Magazine.

#### Freedom That is Bondage

The anarchist proclaims that he is free; that he acknowledges no ruler, feels no obligation to obey any law. But he is, as soon as recognized, driven from one country to another, imprisoned, hanged, thought of everywhere as a menace to society. The man who respects the chosen rulers and obeys the laws of his country goes about freely and unafraid, protected by the power that punishes the peace-disturber and law-breaker, and is treated as a valued part of his home nation.

We are all tragically familiar with men of all ages who decline to give up their freedom to drink when and what they please. Our prisons and insane asylums swarm with them. Their boasted liberty is the direst bondage which holds them from success.—January Delineator.

The December Pearson's is a regular holiday number, and has a front cover which should bring to the mind of any boy or girl visions of a land of joy and plenty, where every desire is realized and every ambition satisfied. It makes us think of our childhood days when the gift of a trifle accompanied with love and a word of good cheer, was all the world to us.

We offer you the Modern Farmer

Pears

Inland Poultry Journal

Woman's Magazine

All one year, for only \$1.50.

We know of no other magazine that brings more of help, inspiration, information, and good cheer for the money invested than does The World To-Day. It is a high-class magazine in every respect, is well edited, beautifully illustrated and is printed on excellent paper, yet its cost is so comparatively small, and with the liberal clubbing offers which we are making, it is placed within the reach of anybody, or everybody. We suggest that you look up the offers which include this excellent monthly.

The only publication in regular magazine form which is devoted entirely to practical agriculture and farm life is "The Rural Magazine," of Detroit, Mich. While it is intensely practical in every respect, yet it is high-class in every way and can hold up its head among any of the magazines. Surely the farmer is coming to his own when such a publication can find support and readers among them, as it evidently does. The Christmas number is a very valuable one. It sells for \$1.00 per year, but we can make our usual liberal clubbing offers in connection with it. Look them up.

#### 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.

Remember that an easy-chair is an essential part of the strenuous life.

—Success Magazine.



THE EVOLUTION OF IMMORTALITY—By Dr. C. T. Stockwell. Suggestions of an Individual Immortality based upon our Organic and Life History. Fourth edition: revised and extended. Cloth, gilt top, \$1.00 net (postage 8 cents.) James H. West Co., Publishers.

This is one of those exquisite and dainty but weighty books for which the West Co. are especially noted, books that are not large, but beautifully gotten up, treating of subjects that are of vital interest to humanity in a masterly and exhaustive way, and sold at a price that places them within the reach of any searcher after knowledge, or inspiration for higher and better living. This is a new and enlarged edition of a book written twenty years ago, but there

is just as much eagerness for light on this theme that never grows old as there was when it first came from the press, and strange to say, notwithstanding much of it is based on scientific facts as known and understood at that time, after a lapse of twenty years there was but small occasion for the author to modify any of his arguments or change any of his conclusions. This of itself is the best possible evidence that the writer had the subject well in hand and wrote from a ripe experience such things as he felt in his inmost heart were true and had been a help and inspiration to himself, strengthening his faith in the eternal verities and making life a sweet and wholesome thing in spite of all its sorrows, trials, and disappointments. Here is the keynote

in a few words, "The heart of man has always claimed its right to a continuance of personal being; and his best and deepest intuitions have ever asserted the certainty and validity of that claim, and reason, searching long and rigidly, bids the heart to a hope and trust never so well and strongly founded as to-day." We commend it to our readers, especially to those who are carrying the burden of an inexpressible grief.

Young Wife: "I got a beautiful parchment diploma from the cooking college to-day, and I've cooked this for you. Now guess what it is." Husband (with slab of omelet between his teeth): "The diploma."—Tit-Bits.

# The Farmer's Home

By Emma Ingoldsby Abbott.

A happy, prosperous home means a happy prosperous country

Live in the sunshine; don't live in the gloom,

Carry some gladness, the world to illumine;  
Live in the brightness, and take this to heart—

The world will be gay, if you'll do your part.

—Margaret E. Sangster.

The juice of a lemon in a cup of hot water sweetened with honey is good for a sore throat. Sip occasionally and gargle.

Most babies are sweet enough to kiss and most people like to kiss them, but it is an outrage to subject their tender little mouths to contagion from grown up people with all sorts of throat, head and lung diseases, so if you must kiss them, kiss them on the hands.

A good remedy for a cold is a hot roasted lemon. Bake in oven until thoroughly heated through, then squeeze the juice into a cup, mixing in enough sugar or honey to make it palatable and sip. Take at night while the feet are in a hot bath and go to bed at once.

To make collars and cuffs extra stiff, drop them into boiling starch and let them boil a few minutes. Have the starch quite stiff.

Charity is a good virtue to exercise toward members of your own family. Do not deceive yourself with the idea that when you can see all the failings and foibles of the others, they cannot see yours, and bear in mind that if you think they are hard to live with, they may think the same of you.

Women vote in New Zealand. Not nominally, nor only for school trustees, nor semi-occasionally, with fear and trembling lest it be known, but regularly and openly and as a matter of course. They have free and unlimited womanhood suffrage; they can vote on any

question and for any candidate at any election, equally with men. For ten years they have had and exercised that right, and so far as a merely human

investigator can discover, they have not wrought any ruin, lost any womanhood, nor called down any vengeful wrath from heaven.—Charles Edward Russell in "Soldiers of the Common Good," in the Christmas Everybody's.

Some doctor has discovered that tea will kill typhoid germs. Aren't you glad that some one has a good word to say for it after it has been maligned so much? The harmful element in tea is tannic acid which can be avoided if it is properly prepared. It should be freshly made each time, in a clean pot, boiling water poured on it, but not allowed to boil after it is in the pot. In five minutes it is ready for use. If it stands too long, or is boiled, the tannic acid is released.

Grate into a large mixing bowl a small loaf of entire wheat bread, seasoning rather highly with salt, pepper, celery salt and ground mace;



then add a pint of small stewing oysters that have been carefully drained, and half a pint of small button mushrooms; meanwhile heat in a saucepan a large cupful of oyster liquor; stirring in just as it is about to boil, a teaspoonful of butter, two tablespoonfuls of cream and a teaspoonful of cornstarch that has been moistened in a little cold water; be sure that it boils. When cold gradually blend with the other ingredients, beating well with a wooden spoon. Stuff the turkey at least twenty-four hours in advance.—The Christmas Housekeeper.

Anyone wishing to build or improve the home surroundings should write the Department of Agriculture at Washington for Farmers' Bulletin No. 270, on "Modern Conveniences for the Farm Home." With the scarcity of help in the country, everyone recognizes the fact that the farmer and his wife need all the conveniences and labor saving appliances possible to get in order to accomplish the round of daily duties. This bulletin gives suggestions and directions for the water supply, heating the home, disposing of sewage, earth closets, etc., with plans for building and remodelling a house. It gives examples of homes where these conveniences have been installed with cost and attendant expenses. Altogether it is an interesting and instructive pamphlet,

An exceedingly simple but delicious plum pudding is baked. It is an old English rule, and calls for a liberal

half cupful of suet chopped fine, a scant teaspoonful of salt, two cupfuls of grated bread, a liberal cup of raisins that have been mixed with a large teaspoonful of flour, a cup of currants, enough citron to add richness to the pudding, a cup of sugar, one very scant teaspoonful of cinnamon, half a teaspoonful of cloves, three-fourths of a grated nutmeg, six eggs, both yolks and whites. and if the crumbs are very dry just enough milk to moisten them. This baked pudding needs a little more moistening than a boiled pudding. Fold in the whites of the eggs beaten by themselves after the other ingredients are

added. Bake slowly in a buttered and sugared pudding dish for two hours. Let the pudding be covered until the last half hour, when it can be allowed to brown. It is delicious, and should be served with a hard or foamy sauce.—New York Tribune Farmer.

Read our ads. They are all clean.

**COILED SPRING FENCE**



Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed. **30 DAYS FREE TRIAL** and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free. **KITSELMAN BROS.,** Box 191 MUNCIE, INDIANA.

## TEN THOUSAND NAMES WANTED!

We want the names and addresses of 10,000 intelligent people who are interested in rural pursuits, and

### You Can Help Us

Send us the names and addresses of five or more of your friends or neighbors and ten cents in cash, and we will send you the *Modern Farmer* one year for your trouble, and also send each of your friends one only sample copy, and a card containing a special offer, so you can help them as well as us.

*Paper stops when time is out.*

**Read our Clubbing Offers.**

**Address, The Modern Farmer,**

**St. Joseph, Mo.**



# Farm Poultry

By N. J. Shepherd.

It pays to keep the very best.

The hen, like the cow, must be given bulky food.

Breed only from good, pure stock. Get rid of the culls,

A hen, like a cow, regulates her outgo by her income.

Warm feed is all right, but if fed hot, it will prove a positive danger.

There is no better absorbent for the poultry house than plaster.

In winter, especially, a few vegetables chopped fine are good for the hens.

When marketing poultry, assort them, so that a package will be all of one grade.

Keep fowls you purchase away from flock until sure they are free from disease and vermin.

Eggs for hatching should not be over two weeks old nor subject to a temperature below 50 degrees.

Usually a good gobbler with four or five hens will be as many turkeys as it would be advisable to winter over.

When poultry is closely confined, or when the ground is covered with snow the hens must have bulky food.

There is no idle season in poultry raising. Every day brings its duties, and it is through close attention to these that the business is made profitable.

The Western Poultry Fanciers Association, St. Joseph, Mo., has secured one of the best halls in the city for its annual show, January 21-26, 1907. It has a floor space of over 15,000 square feet, is well lighted and centrally located. Arrangements have been made for opening the show room

on Saturday before show week so that birds shipped from other s and arriving in St. Joseph Saturday or Sunday will be placed in position immediately and not allowed to remain in the hands of the express companies.

## Omaha Show

The Second Annual show will be held at South Omaha Dec. 31st to January 4, 1907. Competition open to the world. Liberal cash prizes, H. J. Kiddoo, Secretary, South Omaha, Nebraska.

## Do Not Cut Your Face.

Get a Safety Razor. It will not cost you any more than a poor one. We illustrate one below which we are able to offer in connection with the Modern Farmer very cheap.

**A** **MASS PRESENT FOR A MAN**



**BEST SAFETY RAZOR MADE**  
 EVERY ONE GUARANTEED  
 MADE BY THE MAKER  
 A marvel of simplicity—the razor, an extra blade, strop handle, strop and handsome case.  
**WILL LAST A LIFETIME**

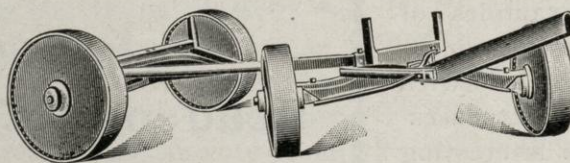
**Looks like a Hoe but Cuts like a Razor—The Best Safety Razor Made.**

We will furnish this razor with two blades postpaid, the Modern Farmer and any paper in class C for one year for \$1.75. Or With the Modern Farmer alone for \$1.25. You will pay more than this for other safety razors alone.

Address,  
The Modern Farmer, St. Joseph, Mo.

## The Greatest Wagon of the 20th Century

### The Best Wagon Made for Mud Roads



Wheels are 25, 31 and 37 inches high, all six-inch wide Tires. Weights of Wagon 800 and 900 lbs. If you want to know more about this Wonderful wagon send for catalog.

Manufactured by

**The Bruner Steel Wagon Co.**

Wapakoneta, Ohio, U. S. A.

Every piece of Wagon made from Pressed Steel. Has Automatic Self Oiler. Has Swivel and Telescope Coupling Pole. Axle Burrs are all right-hand. Has Great Capacity and is Light Draft.



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

Mixing warm with cold milk hastens decomposition.

Add no cream for twelve hours before churning, as it will not ripen.

Cream should be churned as soon as it becomes slightly acid.

The best temperature in which to ripen cream is about sixty degrees.

Too many milkers spoil a cow, reduce her milk and lessen the profit.

The cow must furnish the fat from herself to make the milk rich enough.

Good butter increases consumption, poor butter discourages consumption.

The flow which indicates fair thrift also shows good feeding capacity, without which no cow is worth much.

You cannot raise good dairy cows by breeding your cows to a scrub bull.

A good cow is a good cow simply because she has an increased capacity for turning raw material into the kind of product the farmer wants.

Sometimes the flavor of the milk that is attributed to something in the food is really due to lack of cleanliness in caring for the cows.

The farmer who keeps a dairy has a more constant source of income than one engaged in almost any other branch of the farming business.

The water a cow drinks exerts as much or more influence over the purity and healthfulness of the milk she produces, as does the food she eats, and access to stagnant pools, barnyard pools and the like should be carefully guarded against.

The more water a cow will drink when subsisting on dry fodder the better she will do; provided, of course, that the water is a moderate temperature when taken into the body.

The cow is only a medium to turn the feed into milk and unless the quantity and quality of the feed is of the right sort the yield of milk both in amount and quality will not be satisfactory.

Tell your friends about the Modern Farmer.

## ALFALFA

Lucerne, Spanish Trefoil, Chilian Clover, Brazilian Clover, French Clover, Medic, Etc. Practical information on their production, qualities, worth and uses, especially in the U. S. and Canada.

By F. D. COBURN, Sec. Kansas Dept. of Agr. Illustrated, 12mo, 5 x 8 inches, 166 pp, cloth, price postpaid, 50c.

One of the most remarkable, valuable and productive of crops. Thrives in almost any soil. Yields two to five cuttings annually for many years. Either green or cured is one of the most nutritious of forage crops. Alfalfa is having a great boom in the West. This new crop can be grown almost anywhere. In this treatise the most practical authority on the subject presents all the best that is known on growth, uses and feeding value of Alfalfa, in language so plain as to be clearly understood and put in practice. A remarkable book on a remarkable crop by a remarkable man, and sold at a remarkable price, only 50c postpaid.

THE MODERN FARMER,  
ST. JOSEPH, MO.

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To Homeseeker Points in other States the First and Third Tuesday of each month.  
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**Warranted  
to give satisfaction**



**GOMBAULT'S  
CAUSTIC BALSAM**

A safe, speedy and  
positive cure for

Curb, Splint, Sweeny, 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

THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.





## 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.....	7%	cents a line
112 lines and over.....	6%	cents a line
168 lines and over.....	6	cents a line
336 lines and over.....	5	cents a line
672 lines and over.....	4%	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.

If an incubator is to be used, it should be purchased in good season, so as to have plenty of time to study up and understand its workings before starting to hatch. Then, if broilers are to be raised, earliness is quite an item, and this means hatching early. In nearly every case it is best to secure a brooder at the same time with the incubator. Usually it is not advisable to purchase an incubator unless a sufficient number of hens are kept to supply the eggs needed to keep it running, as buying eggs at this time for hatching is a very uncertain business.

In a recent bulletin the Agricultural Department gives a good deal of attention to "Apple Bitter Rot." This disease is more or less prevalent in all the country east of Kansas and Texas, and has been especially destructive in a broad belt from Virginia to Oklahoma, and it has been extending its area for several years, and increasing in its destructive powers on the apple crop. The Department estimates that the loss to apple growers from this disease in 1900 reached a total of \$10,000,000 throughout the country. The disease is due to a fungus. The first signs of the bitter rot on the apple is seen in a slight light-brown discoloration under the skin of the fruit. The spots rapidly increase in size, and although the fruit is seldom entirely destroyed, yet it is rendered almost worthless.

The Department has been much interested in this disease, and has been conducting a series of experiments looking to its eradication. Mr. W. M. Scott, of the Bureau of Plant Industry of the Department carried on extensive experiments in spraying in an orchard in Virginia, last year. He

used the Bordeaux mixture composed of five pounds of copper sulphate, five pounds of lime and fifty gallons of water. He demonstrated that the disease can be controlled by four applications of the mixture, if applied at the proper time, and in a thorough manner. He says the first application should be made about five or six weeks after the trees are in bloom, followed by others at an interval of two weeks. He claims to have saved from 93 to 98 per cent of sound fruit on the trees while on adjoining trees not sprayed, the fruit was a total loss.

Read our ads. They are all clean.

"Are you the defendant in this case?" asked the judge sharply. "No, suh," answered the mild-eyed prisoner. "I has a lawyer hired ter do de defendin'. I's de man dat done stole de ahicles."

## The King of Air Rifles!

GIVEN AWAY TO BOYS FREE FOR GETTING CLUBS OF SUBSCRIPTIONS FOR THE WEEKLY JOURNAL.

Any boy who will secure 10 new subscriptions for The Kansas City Weekly Journal at 25 cents a year each, making a total of \$2.50, and will send the names together with the money to The Kansas City Weekly Journal will be given an Air Rifle as a present.

Send for samples for canvassing.

Do not fail to write your name and address plainly and give your nearest express office, as the Air Rifle will be shipped by express.

Send your remittance by post-office money order or draft. Address,

THE KANSAS CITY JOURNAL,

Kansas City, Mo.

## The American Boy

A Profusely Illustrated Monthly for BOYS.

*Without Question the Most Entertaining and Practical Magazine in the World for Young Americans.*

COVERS IN COLORS.

36 Pages, size of Ladies' Home Journal.

Serial and Short Stories by Stratemeyer, Tomlinson, Trowbridge, Munroe, Shute and others, the best writers for boys in the world.

Departments relating to all Boy Hobbies, edited by experts.

It preaches the religion of "DO," and not that of "DON'T."

Is doing more for the Uplift and Encouragement of Boys than any other agency.

Approved by parents and educators. Boys (250,000 of them) everywhere enthusiastic for it.

The subscription price of The American Boy is \$1.00 per year.

Modern Farmer

Gleanings in Bee Culture

The American Boy

All one year \$1.25

THE MODERN FARMER,

St. Joseph, Mo.





# Farm Beekeeping By the Editor.

Do not fuss with the bees to get a good fly. After a to fly out when the ground is during the cold weather any warm spell there is apt to be a covered with snow. If they more than is absolutely necessary, nor go around the hives. good many dead bees at the light on the snow, they are entrance of all strong colonies, likely to become chilled and but there is no occasion for not be able to get back into alarm on account of this. the hive. A cluster of bees These are old bees, a lot of can stand a great deal of cold, which are sure to die during but one bee alone, especially if the winter and the other bees she has an empty honey sac, they are indoors or out, the carry them out of the hive chills very easily. whenever it is warm enough The honey crop was very for them to do so. When bees short and prices are advancing are wintered on the summer all the time, but we would not stand, it is always best to advise anyone to hold honey shade the entrance, so that the much after the first of the year. warm sun may not induce them If not sold before, better close

If you have occasion to move your bees a short distance, you should be very careful how you do it, or else you are likely to have trouble. Bees mark the spot where the hive stands, and if moved away, they are likely to go back to the old spot. They can be moved a short distance by shutting them in the hive and then setting a broad board against the front of the hive for a few days when they are let out. This makes them mark the new location. Do not shut them in during warm weather, however, as they are apt to get too warm and melt down the comb. If they are moved a mile or more, there is not much danger of their going back.

Beginners should not be alarmed if there are a great many bees in the air, where they are left to winter on the summer stand, during the first real warm day, as the bees always take the first opportunity

## THE BEST BEE GOODS IN THE WORLD

... ARE ...

## LEWIS GOODS

EXCELLENT IN QUALITY, PERFECT IN WORKMANSHIP  
SEND FOR CATALOGUE LISTING EVERYTHING IN

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Special Southwestern Agent.

G. B. LEWIS CO., Watertown, Wis

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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

### LOWEST PRICES

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 bee-keeper to have our Catalog. Write to-day

Address,

**KRETCHMER MFG. CO., Council Bluffs, Iowa.**

Catalog issued in English or German.

## Marshfield Manufacturing Company

Our specialty is making SECTIONS, and they are the best in the market. Wisconsin basswood is the right kind for them. We have a full line BEE SUPPLIES. Write for free illustrated catalogue and price list.

**Marshfield Mfg. Co., Marshfield, Wis.**



it out in January. There will not be very much honey left in the market at the opening of the spring, and this means a fair price next year, even though the 1907 crop should be a large one; so it will pay to look after your bees and not let them starve, as they will be found to be profitable property to have next season. The late rains and snow have put the soil in fine condition for winter in this locality, and this, in all probability, means another crop of white clover, and every beekeeper knows what that means. It was so very dry for a long time this fall that it began to look very discouraging for the beekeepers, as well as the general farmer, but we are out of that danger now.

Now is a good time to read up and learn what others know about bees, but be sure you read after people who know what they are talking about. There is only one weekly bee paper published on this continent, and it is a very good one, The American Bee Journal, Chicago, Ill. Everyone who wishes to keep posted as to what is being done and said all over the country along this line should be a reader of this excellent journal. It is the only paper in the United States which publishes the proceedings of all the leading bee conventions, and any one of these reports is worth more to a beekeeper than the paper costs for a year. The meeting of the Northwestern Beekeepers' Association, which was held in Chicago the first week in this month, was very interesting and many valuable things

will be found in this report, but all the readers of the American Bee Journal for 1907 will get it free. The price of the American Bee Journal is \$1.00 per year, and it is worth even more, but to induce a lot of our readers who have never taken it to subscribe, we offer, for a short time.

The Modern Farmer  
The American Bee Journal  
The Inland Poultry Journal  
All one year to new subscribers to the Bee Journal only, for \$1.00. Old subscribers may add \$1.00 to any club, and we will have their subscription renewed. The first offer may be withdrawn at any time.



**The Housekeeper** is a bright clean home monthly 11x16 inches in size, has 40 or more pages each issue, and its covers are printed in three colors. It is a practical magazine for the housewife, and contains also things of general interest to every member of the family. It is published monthly at 60c per year, and will not be sold alone for any less.

The Modern Farmer	.50
The Housekeeper	.60
Inland Poultry Journal	.50
	<u>\$1.60</u>

Our price one year 75 cents.

See other pages of the paper for other offers with the Housekeeper.

## BINGHAM

**BINGHAM**  
Original  
Direct Draft  
CLEAN  
Bee Smokers

4 Largest Sizes Soot Burning



Tin 4-in. Smoke Engine 3½-inch 3-inch 2½-inch 2-inch Wonder

Never Go Out  
And last from 5 to 21 years

Write for Circulars.

Original Bingham & Hetherington Uncapping Knife



BEST ON EARTH.  
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## St. Joseph Collie Kennels

### Breeders of Fine Pedigreed Collies.

Fine pups and breeding dogs for sale at all times, at reasonable prices. The Collie is the farmers dog, and those who have had experience with them value them very highly. "Scotch Ellwyn" (89149), a direct descendant of "Handsome Harry" and also of "Ellwyn Astrologer," is at the stud. He is a very fine looking dog and handsomely marked. Fee only \$5.00.

Write for full particulars.

Address,

**St. Joseph Collie Kennels,**

Care Modern Farmer,

**St. Joseph, Mo.**



# The Farm in General

BY E. J. WATERSTRIFE

Again I want to say that now is the time to buy seed for spring sowing. Buy now and save quite a sum.

Now is the time to feed the poultry well, and see what you can do toward getting a basket full of eggs while they are worth something. They have reached the point here where they are worth "two for a nickle." There ought to be room for a profit.

The milch cow is an animal which it would be hard to give up in any family. How do you feed yours to give the best results at the pail? I got almost lost out on cow peas this year on account of being dry so long, but they are the feed for the milch cow.

The livestock farmer has no reasons for hanging his head, for all stock are at a good price. Cattle are suffering the most, and yet good stuff is a good price. As land is advancing we should figure on keeping none but the best. The better the quality the better the price.

Many farmers who do not like to bother with raising horses will have to buy work stock in the spring. At present prices such a method takes too much of the profit out of the pocket. We can make no better way than to have at least a couple of good broodmares to do the work, at least raise our work stock. You can do it as cheaply as the other man.

The Short Winter Courses in Agriculture, will be held at the Missouri University, during the month of January and February, 1907, and a large attendance is expected.

Get the lambs free from ticks if you want them to grow and make wool. Tobacco tea makes the ticks fade away, and will sometimes make the sheep sick if too strong. The farmer of today has to fight and keep down the parasites if he would have best gain. The time is here when a man must keep his eyes open. The farmer especially.

Now is the time to make the best of the winter. Give everything the best care, and have it in order when spring comes. During the summer we prepare for winter, and in winter we should get as much ready for spring as we can.

## Seven Great Colleges

Chillicothe Normal College  
Chillicothe Commercial College  
Chillicothe Shorthand College  
Chillicothe Telegraphy College  
Chillicothe Pen Art College  
Chillicothe Musical College  
Chillicothe College of Oratory

For free catalog address ALLEN MOORE  
Chillicothe, Mo. Car fare paid. State course desired.

## THE KANSAS CITY WEEKLY STAR

Is of special interest to farmers because it prints a more complete and intelligible account of the markets than any other paper in the country.

Send 25 Cents For One Year's Subscription!  
Address,

THE KANSAS CITY WEEKLY STAR  
KANSAS CITY, MISSOURI

## Grand Island Route

THE TIME SAVING LINE  
DOUBLE DAILY SERVICE

with new 80-foot, Acetylene, Gas-Lighted Pullman Chair Cars, and Standard Pullman Buffet, Sleeping Cars, on night trains and Pullman High-Back Seat Coaches on day trains, between Kansas City and St. Joseph, Mo.; Hiawatha, Seneca, Marysville, Kans., Fairbury, Fairfield, Hastings and Grand Island, Neb. Connections made at Kansas City for all points East, South and West. At Grand Island direct connections are made with Union Pacific fast trains for California and the Pacific Northwest. Through Berth Tickets Sold.

S. M. ADSIT, G. P. A.

St. Joseph, Mo.

## We are Manufacturers of Beekeepers' Supplies

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Should all Subscribe to

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Established 14 years. 5 cents per year  
The best magazine for beginners. We will send it **Six Months on Trial for 20c.** Sample Copy Free. Address

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213 S. SIXTH ST.

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will order

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which is best while they are offering a liberal discount.

Working Wax for Cash a Specialty.

Beeswax always wanted.

Write for particulars.

**GUS DITTMER,**

Augusta, Wis.

It costs but little more to keep the best after you have the foundation. How much more does it cost to feed a sheep that will clip you 12 pounds of wool than the sheep that will clip you 5 pounds? Will the hen that lays 200 eggs per year eat any more than the hen that lays half that number? Many times not as much. Modern farming is worth figuring on a little.

Sometimes we cannot do what we know is best, and have to be governed by conditions, but let us do the best we can. See that the horse has a comfortable stable, so you can take him through winter in good condition, that he may be able to stand the spring work when the time comes. Feed as near right as you can. This year we had the worst drouth on the grass crop ever known here, and I will not get to feed quite like I wish to any of my stock, but am studying every day how to make things best.

A farmer may grow sage without becoming wise.—Farm and Home.

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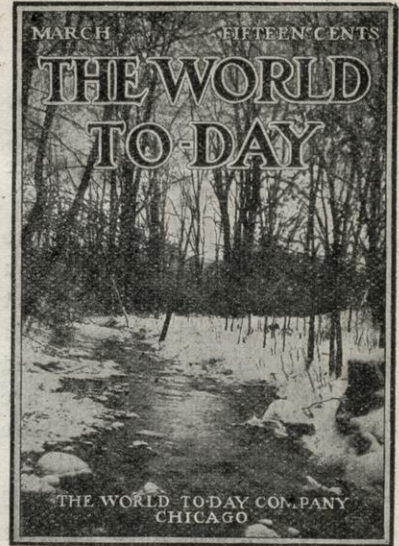
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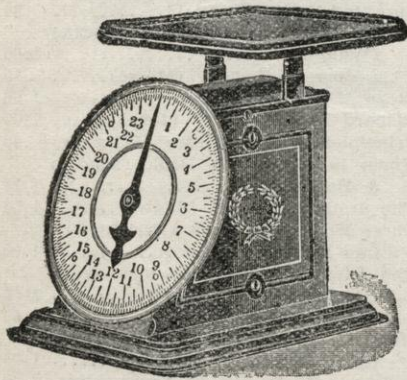
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## Gems In Verse

### Fear.

I fear no foe. All man can do I dare;  
Where honor calls or duty bids I go;  
Mine enemy I meet and fight him fair;  
I fear no foe.

I fear not failure. Fate defeat may send—  
In brave new aims are blighted hopes forgot.  
And though repeated unsuccess impend  
It daunts me not.

I fear not Death. Although the despot grim  
Attack me with unconquerable might,  
Ere I yield up my vanquished self to him  
I'll bravely fight.

Yet before one dread thought my spirit quails.  
What if my coward soul prove insincere?  
And this base fear alone my heart assails:

The fear of Fear.

—Carolyn Wells.

### Mother's Old Scrapbook.

The leaves they are yellow and stained  
and torn  
Where often these lines she conned;  
The cover was ragged and old and worn  
Ere its calico dress was donned.  
'Neath many a sweet old fashioned verse  
(What infinite pains she took!)  
She penned just a line or two, brief and terse—  
Her choice in the old scrapbook.

The pages I turn with a heartfelt sigh.  
Ah, here is a faded rose  
Breathing a musty perfume dry,  
Yet sweet in its dead repose!  
I think of the dear, tired hands and how  
They plucked it and trembling shook  
As they placed it here; they're folded  
now,  
Ne'er to open the old scrapbook.

"All Quiet Along the Potomac Tonight,"  
"The Charge of the Light Brigade,"  
"Jim Bludso," "Maud Muller," "One by One  
The Roses They Droop and Fade,"  
"Lasca," "Ben Bolt," "Do They Miss  
Me at Home?"  
"Solitude," "Robin Adair,"  
"In the Gloaming," "Some Day," "The  
One Hoss Shay,"  
"Sweet Home" and "The Vacant Chair."

Of times at eve when the twilight falls  
And the tired sun sinks in the west  
And down by that mother's knee I'd kneel  
She'd seem so glad to rest.  
Then, gazing through glasses with eyes  
grown dim,  
As we sat in that cozy nook  
She searched till she found a poem or  
hymn  
To read from the old scrapbook.

Ah, pages, so yellow and worn and old,  
Your poems have grown my shrines;  
You many a story to me unfold  
As I read between the lines!  
Each verse brings memories—sometimes  
tears  
(Ah, the old, familiar look!)  
And a dream ship wrecked on the rocks  
of years  
Recalled by the old scrapbook.  
—Phil H. Armstrong.

You will find our ad rates on page 12

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**R. J. FINLEY, Editor**

Department C

MACON, MO.

"I wisht I wuz president o' der umber trust," said Jimmy, "and de baseball managers had ter come ter me fer de boards fur deir fences."

"Why?" asked Tommy.

"Why, I wouldn't sell dem a bloomin' board dat didn't had a knot hole in it."

—Philadelphia Press.

An Irishman accosted a gentleman on the street, late at night, with a request for the time. The gentleman, suspecting that Pat wished to snatch his watch, gave him a stinging rap on the nose, with the remark, "It has just struck one!" "Be jabbers," retorted Pat, "I'm glad I didn't ax yez an hour ago."—Christian Register.

## A Grand New Book Animal Breeding

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## HANDLING RAMS AND MATING

Let us suppose that the ram has been selected early in the season; that he has been chosen to correct the chief defects in the flock; that he is just the ram you need. It is easily possible to lose advantage of the service such a ram can render by mating him wrong and handling him carelessly.

First, let's take up the A B C's of ramology. So many men neglect their rams entirely. They winter them with a bunch of calves, never once thinking it will injure them to feed them wrong. Just so they pull through till the coming of the grass they are satisfied. A ram should be fed with the greatest care, for he is far more important than any sheep of the flock, writes R. B. Arbuckle in the American Sheep Breeder. The rams should have a large run if possible, with water convenient that is clean and pure. He should be fed a little oats once a day for a week before turning him to the ewes, and it would be best to keep this up during the season if he is to have heavy service. Select forty ewes for each ram. Don't turn two and three rams into a flock together. You will have advantage of best points of every ram, and one ram will probably be worked to death.

If you have two rams you have ewes suited better to one than the other. Your big, strong ewes, with coarse bone, should be bred to the smaller, neater ram and vice versa.

If possible turn ram in for one day and night and then take him out for a day, turning him in that evening late.

Mark his brisket with some venetian red which has been stirred into stiff grease. You may thus keep a record of the breeding of your ewes. Some prefer taking rams from ewes during day and turning in each night. This is a splendid plan if the ram is kept in a cool shed and fed well during the day.

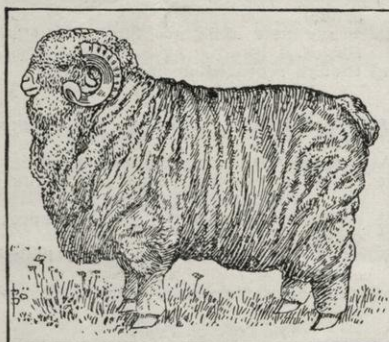
This plan will pay well, and, though not practical where the flock is large and labor scarce, it is worth striving for.

When the mating season is over the rams should be taken promptly from the ewes and fed grain once a day. The rams will probably be run together and are sure to fight. Ram fights are dangerous, often proving fatal. You may save all trouble by yoking your rams together in pairs, using short pieces of rope, which must be tied around their necks with knots that won't slip. When you yoke a pair together mount the fence and prepare

to see some fun. They can't hurt each other, but, my, what funny capers they will cut! If you use pains in handling your rams you will be repaid a thousandfold.

### A Burwell Beauty.

The accompanying illustration, taken from the American Sheep Breeder, shows one of the Burwell flock of Vermont. He has a fine form, good size and is well covered with a very dense



A BURWELL LEADER.

fleece. Mr. Burwell has always been a careful breeder and has furnished some of the high priced Merino rams for the Australian and South African markets, and many of the best sheep in western flocks trace back to the Burwell flock.

### Draft Horses Pay.

In proof of my assertion that draft stock is more profitable I would simply say this, that in my neighborhood there are no less than thirty draft stallions in service (exclusive of our barns) within a radius of eighteen or twenty miles, and our farmers find for the product a ready sale from the time the weanling is taken from its mother's side until it is a grown animal. Through the months of the midwinter buyers and speculators are scouring the country seeking these good draft colts, paying for sucklings from \$100 to \$150, and Ohio feeders are in our vicinity every week seeking those from thirty months to four years old and paying extra prices for the best ones, some selling as high as \$300 and even more. Nearly every farmer can use two mares on his farm, however small, with as much profit as the same number of geldings and save the help of one man. These mares will perform all the labor that a pair of geldings will on a farm, at least as much as any one man cares to pile up or get over in a day, and raise a pair of colts besides, and when these colts are given just a trifle extra care they will bring at weaning time \$100 each or even more.—J. M. Frisinger, Decatur, Ind., Before Convoy (Q.) Institute.

It pays to appreciate and to be appreciated, and at the same time to stay on the ground.

—Success Magazine.

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