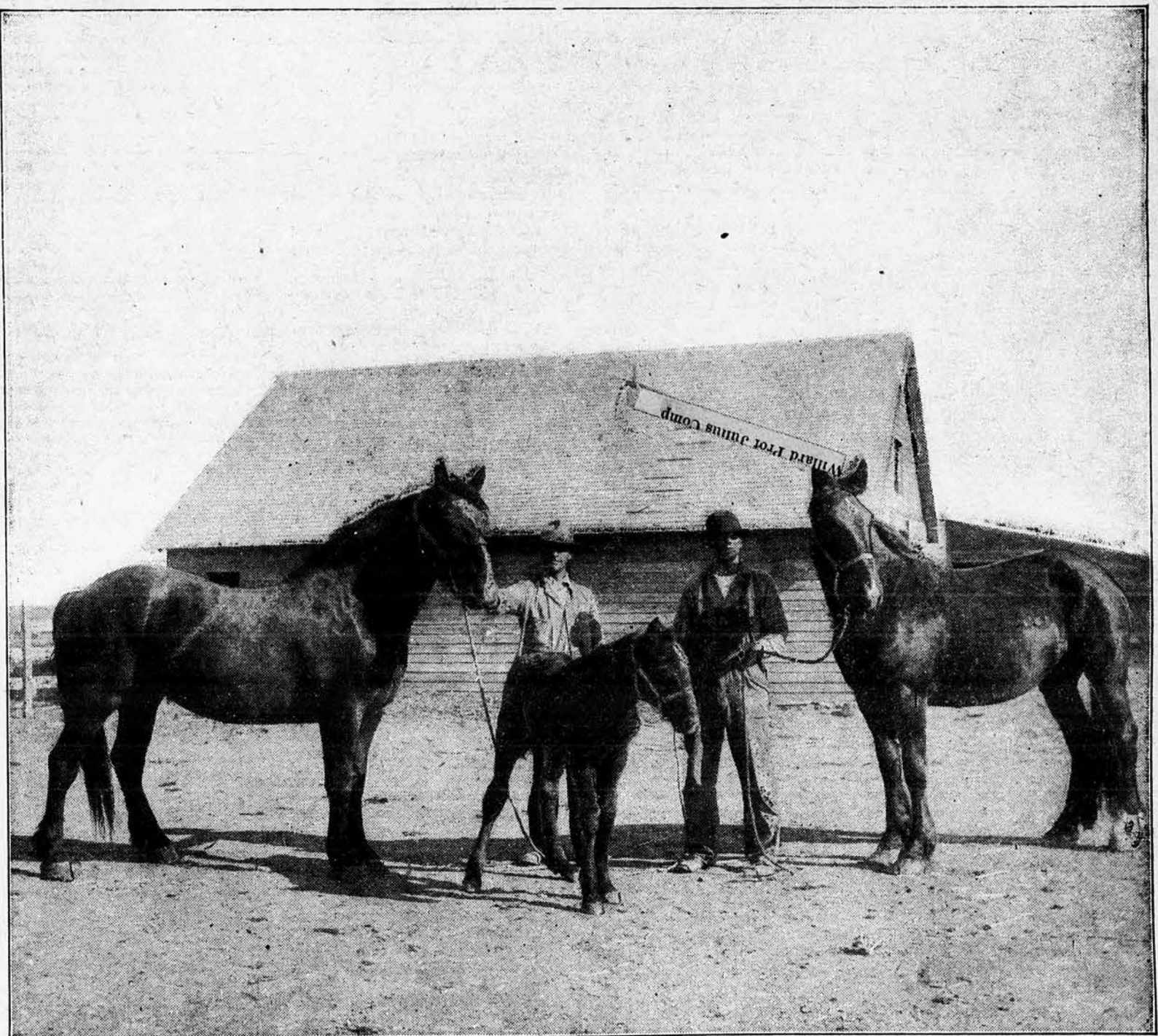


THE FARMERS MAIL AND BREEZE

Volume 42

July 6, 1912

Number 17



Two Money Makers: French Draft Mares on Charles Gosser's Farm, Ellis County, Western Kansas

IT is now generally conceded that the biggest trump in the wheat-raising game is early preparation of the soil after harvest. Next week's Mail and Breeze will tell what experience has proved to be the best way of doing this work in Kansas, eastern and western methods. The article will be written by L. E. Call, associate specialist in soils at Manhattan, and it will take up the fertility end of the subject in a way to interest you.

Double the Rural Route Circulation of Any Kansas Farm Paper

No-Rim-Cut Tires 10% Oversize Winners of the Ten-Year Race

In the first decade of this 20th century came a race for supremacy in pneumatic tires.

All the great makers were in it.

And all of us knew that the tire which won must excel all others.

Now motor car owners have

200,000 Users

1,250,000 Goodyear tires have now gone into use. They have been tested out on some 200,000 cars.

So the present demand tells the final decision of 200,000 users.

And the increasing demand—sales doubling every few months—shows how these users endorse these tires to others.

How Goodyear Won

We won this race to the topmost place by cutting tire bills in two.

First we built a tire more wear-resisting than any other tire.

To do this we built a testing machine, where four tires at a time are constantly worn out under all sorts of road conditions.

Thus we compared 240 formulas and fabrics. Thus we compared every material and method. And thus we compared rival tires with our own.

By this metered mileage, in the course of years, we learned how to build an almost perfect tire.

Rim-Cutting Ended

Then we got rid of rim-cutting forever by inventing this patent tire.

With the old-type tires, 23 per cent of all ruined tires were rim-cut. And rim-cut damage is beyond repair.

No-Rim-Cut tires make this ruin impossible, so they save this 23 per cent.

10% Oversize

Then we made these tires—No-Rim-Cut tires—10 per cent over the

rendered their final verdict, and the result is this:

No-Rim-Cut tires by far out-sell every other tire.

The demand today is twelve times larger than three years ago.

And our monthly output of nearly 100,000 tires fails to keep pace with the call.

rated size. We did that to carry the extras added to a car. To save the blow-outs due to over-loading.

This 10 per cent oversize, under average conditions, adds 25 per cent to the tire mileage. Tens of thousands of users have proved that.

Save 48%

So No-Rim-Cut tires, under average conditions, save 48 per cent.

Men began to find this out about three years ago. Since then the demand for these patent tires has doubled six times over.

No-Rim-Cut tires have now become the most popular tires in the world.

You will never buy a lesser tire when you learn what these tires mean.

Our 1912 Tire Book—based on 13 years of tire making—is filled with facts you should know. Ask us to mail it to you.

GOODYEAR
AKRON, OHIO
No-Rim-Cut Tires
With or Without Non-Skid Treads

THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO

Branches and Agencies in 103 Principal Cities More Service Stations Than Any Other Tire
We Make All Kinds of Rubber Tires, Tire Accessories and Repair Outfits

(397)

What Farmers Are Thinking

You are cordially invited to air your opinions in this column, but the Mail and Breeze reserves the right to condense such statements as far as possible to give other contributors a chance to say something. Short, crisp expressions of opinion on matters of interest or consequence to farm folks are welcome. All contributors must take their turn.

Capper Has Courage to Make Good.

Mr. Editor—We are confronted by a crisis in political affairs that we should meet squarely and I believe in the integrity and ability of the common people to meet it. But in doing so I believe we must have the leader in Kansas who possesses the moral honesty, strength of character, and ability to make good. I am for Arthur Capper for governor because I believe he is that

man, because he is the best type of progressive Kansas manhood, because he stands for the good of the common people especially the farmer, the laborer and the boy and the girl. He is for the enforcement of law, and for the continuance and furtherance of the present progressive policies. Ezra Christie.
Paola, Kan., R. 8.

Doesn't Want Pay in "Tin Money."

Mr. Editor—Grocers and other merchants are in the habit of paying us the balance due us for butter and eggs in "tin money," good only for goods from these stores. This should be stopped and exchange paid in real money. If we bring in \$3.50 worth of eggs and butter and buy goods to the amount of \$4 we must pay the difference in good money. Why should merchants not do the same for us? Charles L. Simpson.
Haviland, Kan.

No Other Farm Paper Can Beat It.

Mr. Editor—We have been taking Farmers Mail and Breeze for three years and don't think there is another farm paper that can beat it. My husband

likes to read Mr. T. A. McNeal's comment and often tells us how well Mr. McNeal explains things. Then there is the poultry page which I think is just fine. We would not think of doing without the Mail and Breeze so long as we are able to pay for it.

Mrs. H. T. Welch.

R. 3, Inman, Kan., June 12, 1912.

Would Be a Hard-Working Governor.

Arthur Capper has always been a clean, progressive, hard-working citizen. His whole career is marked with unceasing, honest toil for his state and the whole people. Always humane, benevolent, considerate and conscientious in all his work, even those who disagree with him politically admire his courage and straightforwardness, his frankness and ability to handle with clearness the many entangling tasks set before him. It seems to me, the people of Kansas could select no better man, none better qualified and deserving, for their governor than Arthur Capper.

His has always been the highest type of character, undaunted and brave in adversity, modest and unassuming in prosperity, merciful to his enemies, gener-

ous to all to an enviable degree. I deem it a privilege to speak a favorable word in his behalf at every opportunity. Understand, I am not disparaging any other candidate, but I think Arthur Capper the most unselfish, capable man and one anxious to steer the ship of state clear of dangerous reefs.

He knows Kansas; he knows the people, and few there be but know him, and I've yet to hear the first word detrimental to the man. He has not only grown up with the state, but he has helped the state to grow up to its magnificent and marvelous growth; a fine example of loyalty, integrity and fidelity. Give him your support, work shoulder to shoulder with him; be governed by good principles despite your prejudice, and Arthur Capper as governor will not disappoint you.

Winfield, Kan. Harry Ferguson.

Why Dry-Farming Comes Slowly.

Mr. Editor—I do not altogether agree with Mr. Shepherd's idea on dry-farming. I positively believe that dry-land farming here can be made a success but a man must know his land and handle it accordingly. Dry-farming has not proven more of a success because so many people who have settled here do not have the means to follow the dry-farming system as it ought to be carried out. The people are stranded and are doing the best they can. Many acres are lying idle for the want of money to buy seed.

Those who have been here for some time and have means to carry out dry-farming ideas are doing quite well and have had good results the last five years. These people have been successful in holding water on their lands by building dikes from 1 to 4 feet high about the lower sides of their fields to hold the runoff. They also run ditches out some distance from land under the plow to catch the runoff from prairie or down the roads. One good soaking will cause soil to retain moisture for months when farmed right. These methods proved successful last summer on alfalfa, potatoes and milo, as well as trees and gardens.

If the government would furnish a half or even one third the capital necessary to get water to irrigate this land we would show Mr. Shepherd and others interested whether or not farming could be made successful out here.

Oanica, Kan. Arthur Rule.

[We have a fine article from a western reader of Farmers Mail and Breeze explaining this method of catching and holding the runoff. It will appear in a later number of Farmers Mail and Breeze.—Ed.]

It is Hard to Make a Profit.

Mr. Editor—I do not like to answer an extract from an article, but not having the pleasure of reading the Industrialist, I will answer as best I can the extract from the Industrialist reprinted in Farmers Mail and Breeze of June 1.

Prof. Jardine should remember that I allowed only 60 acres for feed and pasture. It takes 5 acres in this section of country to pasture one head of stock, so he can readily see that one could not keep many cows. As to the chickens I would like to give another example. I have 200 hens and, not raising any grain, last year gave me a good chance to compare the cost with the income. From November 1 to March 1, 1911-12, I sold \$80 worth of eggs (all others who did that well please stand up) and fed \$87 worth of grain.

Ordinarily I raise the grain and the city man figures that it costs me nothing.

Hogs without a pasture I consider an expensive proposition and prefer to buy mine fat at butchering time.

Prof. Jardine seems to think \$407 a fair estimate of the average income from 160 acres as per my example. When he stops to think that the average quarter section in this county cost about \$10,000 I wonder how he will figure a man out on his investment. This is no poverty howl for the farmers here are doing as well as at any other place I know of, but we do get tired of some one continually blowing about how rich we are when we must be the best of business men to make it a winning game. W. F. Bolan.

Dorrance, Kan.

A Health Hint.

Tattered Tim—"I've been tramping four years, ma'am, and it's all 'cause I heard the doctor recommend walkin' as the best exercise."

Mrs. Prim—"Well, the doctors are right. Walk along."—Ex.



THE FARMERS MAIL AND BREEZE

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PUTTING FOUR POUNDS A DAY ON STEERS WITH SILAGE

Twice in a recent month the record price for heavy steers in Kansas City was paid for silage beef, one lot from Kansas, the other from Missouri. Now comes this report by Mr. Steinel of these recent feeding records "made in Kansas" with silage and grain. They make a showing that would not have been believed possible a few years ago. Not only that but they prove that silage stored for summer use is now to become the western feeders' fire insurance against hot winds. This is the testimony. The verdict is that wherever there is corn or Kafir, alfalfa, cowpeas, or cottonseed meal, there prime beef will be made at lowest cost and the same will be true of dairy products. The arrival of the silo and the disappearance of the range means that in future the finest, prime-est, choicest, highest-priced beef will come from the corn belt.—Editor's Note.

A GAIN of 4 pounds a day for 21 days, is the remarkable record made by steers fed on silage on the farm of C. M. Garver at Abilene, Kan. Naturally Mr. Garver has become a strong advocate of the silo as a profit producer on high-priced land. He says the silo has solved for him the problem of economical and quick fattening, regardless of weather conditions.

He has two stave silos, each having a capacity of 120 tons. They were erected in 1910, and, in the last two seasons have more than paid for themselves. They cost him \$235 each, f. o. b. cars at Abilene, with an additional outlay of about \$60 each to set them up.

The season just passed gave the silos their real test," said Mr. Garver. "I filled them with well-matured corn. The first year I cut it a little too green, but last winter I got the full value of the fodder and grain. I fed 200 steers, that is, a hundred steers from each silo. The first lot, in 21 days after going on full feed, made a gain of 85 pounds. In a period of 55 days they made 200 pounds gain each. They were on full feed about 70 days in all and I gave them 20 pounds of silage, 20 pounds of ground corn, with alfalfa hay for roughage. It was on this ration that one lot showed up with an average of 4 pounds of gain per day.

"I fed another lot alfalfa hay and shelled corn, without silage. This lot got away with 28 pounds of grain a day and made a gain of 3 pounds. The silage lot, with 8 pounds of grain a day less, made 1 pound more of gain. That looks like pretty conclusive proof of the value of silage in fattening steers. I believe the results will show fully a third better with silage, not to speak of the fact that with a silo I can make use of the whole corn plant, as against the 40 per cent loss in dry-feeding. There is no waste with the silo and the profits are sure, even when grain is high. I figure that my silage last winter was

Some Recent Feeding Records Made By Kansas Producers of Beef and Mutton

Written For Farmers Mail and Breeze
BY ALVIN T. STEINEL
Editor of Southwest Trail

worth \$12 a ton to me. It is easy to figure the saving. "Ten tons of corn silage per acre is an average for this section. It took 25 acres to fill my silos last season, but that was because the dry weather cut down the corn. The year before I filled them on 15 acres."

The silos on the Garver farm are built at the end of the feeding barn. Feed is conveyed along the man-

gers on a track. The silage is thrown into the managers first and then the corn chop goes in. The ration is then mixed and the cattle turned in for feeding on the mixture. They are fed twice a day. Mr. Garver buys the ordinary feeders on the Kansas City market and in 90 days after arrival they go back to market fat. One lot bought last fall at 3½ cents brought 6½ after being fattened on corn and silage. This lot was exceptionally poor at the start, but they filled out rapidly and netted a handsome profit for the feeder. The difference of nearly 100 per cent between the buying and selling price on 90 days' feeding, is a strong testimonial to the value of silage in beef production.

Mr. Garver says his silo has withstood wind and weather remarkably well. In April, 1911, a wind-storm passed over his vicinity while the silo was empty and it received absolutely no damage, while a portion of the roof of the Garver residence was blown off. Mr. Garver has had to tighten the hoops only once in two years and the silo today is as good as when erected. He uses a 15 horsepower steam traction engine to operate the cutter and blower handling 15 to 20 tons an hour. It only takes a day to fill one of the silos at this rate.

Two silos on the Fernie Brothers ranch in Reno county, Kansas, more than earned their cost and keep during the first year of their existence. They did so well, in fact, that another one is being added, giving the ranch a battery of three silos with a combined capacity of 700 tons of silage that will be used in making baby beef for the Kansas City market. Here is the record of the two silos for 1911-12:

First. They saved the corn crop which, if it had not been cut in the fodder stage, would have been withered by the hot winds of 1911—a summer that holds the Kansas heat record.

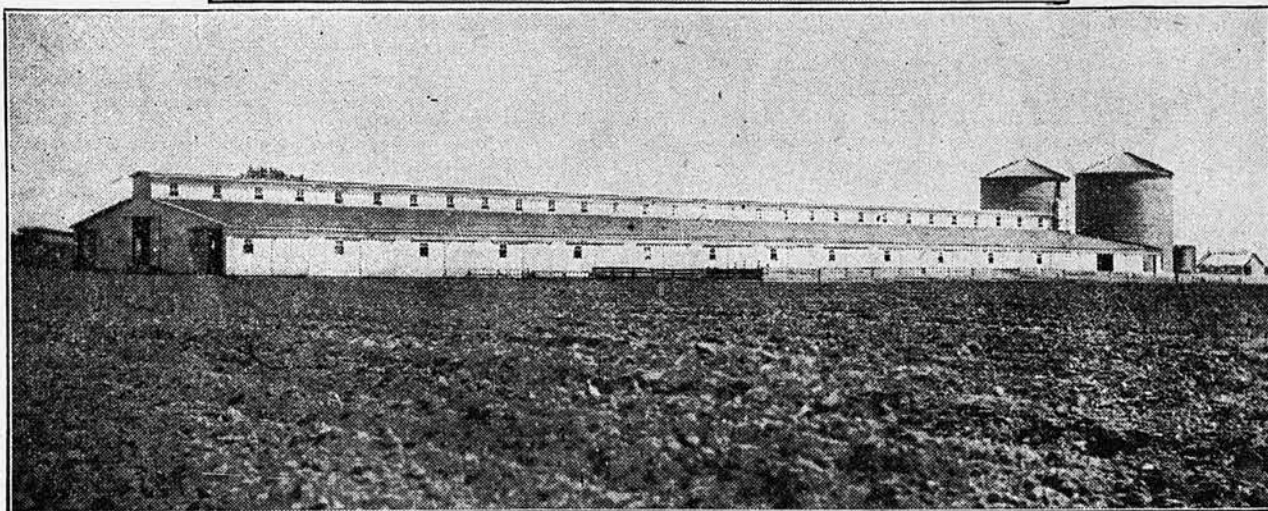
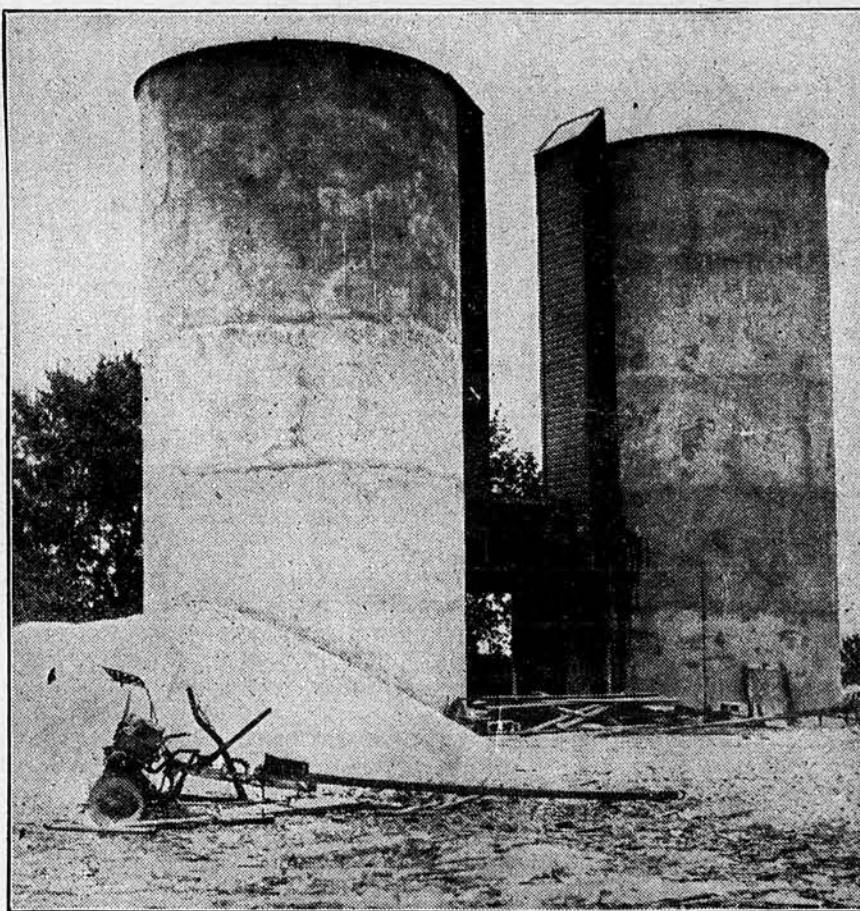
Second. They enabled the owners to fatten for market and sell at a good profit, 72 head of fine Herefords, the increase of their own herds.

Third. They saved for Fernie Brothers their fine herd of stock cattle, fully half of which would have had to go on the block early in winter, because of lack of feed and the consequent high prices prevailing.

The unprecedented hot and dry summer followed by a winter when snow in southwest Kansas, where sunshine

usually abounds; lay in deep drifts, put silos to a test such as they may never meet again in that region. It was a combination of circumstances that made losses run high for range-men and left the silo-less feeders without stuff to feed. Fernie Brothers are in a district where land values run high—\$75 to \$100 an acre is the way bottom land averages in Reno county. They own four sections of land, half of it being in the sand hills along the river. This is cheap land, used for range. One section of the remainder

(Continued on 7.)



Upper picture, two silos on Fernie Brothers' ranch, in Reno county, which saved the corn crop, fattened 67 head of steers and prevented the sale of half the stock cattle. A third silo will be built this summer. Lower picture, sheep barns and silos on Anthony Gardner's ranch in Reno county. These silos hold 1,300 tons (combined) and fattened 10,000 lambs last winter. Without the silos only 4,000 could have been fed.

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WE GUARANTEE that every advertiser in this issue is reliable. Should any advertiser herein deal dishonestly with any subscriber, we will make good the amount of your loss, provided such transaction occurs within one month from date of this issue, that it is reported to us within a week of its occurrence, and that we find the facts to be as stated. It is a condition of this contract that in writing to advertisers you state: "I saw your advertisement in Farmers Mail and Breeze."

SPECIAL NOTICE TO ADVERTISERS.

Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.



**PASSING
COMMENT**
by
T. A. McNeal

A GENERAL BREAK-UP. What is going to come out of all this? asked a somewhat bewildered citizen the other day, referring to the tempestuous conventions at Chicago and Baltimore.

I do not know of course, but I am not lying awake nights worrying about the final outcome. It looks like a realignment, with the progressives getting together in one crowd and the conservatives in the other, but that may not come this year. Party ties are strong. Party names are still potent, but party names mean less now than they ever did in the history of the country, since the time when the old Whig party was a force in politics.

So far as I can gather from reading history the Whig party didn't really stand for anything except a desire to capture the offices.

The fact seems to be that we are getting ready to try some new experiments in popular government and no matter who is elected next November the people are going to push ahead a little in trying out these new experiments. We won't go very fast because our system of legislation is slow and cumbersome.

Our legislative bodies at Washington will proceed with a vast flood of words without very many real results, but we will proceed a little.

And the fact that we do proceed too slowly at times has its compensating advantages. The country is burdened with too much legislation; not too much of the right kind, but too much. If a good many statutes were eliminated altogether and the rest simplified so that they could be easily understood it would be better for the people.

So the very cumbersome nature of our legislative machinery may work some good in preventing the enactment of needless legislation. Still it does seem like a mighty expensive way to prevent needless legislation, and I think it is not the best way.

In the states at any rate I feel sure that our legislative methods could be simplified, rendered far less expensive and at the same time result in far less legislation than we have now. I have mentioned my idea about that before, possibly it will do no harm to mention it again.

I would if I could abolish one of the legislative houses in every state. I would cut down the single house to a small body of men, not more than 30. I would limit the number of acts that could be passed by that house at any one session to such a number that the people could have time and opportunity to study and pass upon those acts by a referendum vote before they became finally binding.

I would also give to the people the right on petition signed by a reasonable per cent of the voters of the state to initiate measures, although it is my opinion that with the limited number of legislators and the right of referendum there would be few measures initiated by petition. I think the result would be

that the acts submitted to a referendum vote would be far more carefully considered than legislative acts generally are under the present system and that there would not be a quarter as many new laws placed on the statute books as under the present system.

POWER OF THE COURTS. In the last issue I said that I approved of that part of the Socialist platform that proposes to abolish the inferior United States courts. The judges of those inferior courts are not always unfair by any means, but speaking generally their courts are regarded as a refuge for corporations that are unwilling to submit their cases to the state courts.

The great mass of the people of the country is compelled to submit its controversies to the state courts if they are tried in court at all and I can see no good reason why corporations should not be compelled to try any ordinary controversy in the same courts as the rest of the citizens.

The corporations are the children of the states. I can see no very good reason why these artificial children should be relieved from the command of their parents. In case a federal question should arise that could not be settled by a state court it could be taken directly to the Supreme court of the United States which would sit as a sort of high court of arbitration for the several states of the Union.

To the declaration that the courts should be deprived of the power to declare a legislative act unconstitutional I am not at this time ready to subscribe. It seems to me that if we are to retain a constitutional form of government at all we must have some constituted authority to declare whether or not legislative acts conform to the provisions of the constitution.

The constitution of a state is the fundamental law of that state. Before the constitution can become effective it must be submitted to a vote of the people themselves. Here is one place where the referendum vote in the several states has always been in operation. If the people vote to adopt a constitution they say by their votes that it is and must be until amended or set aside for a new constitution, the supreme law of the state.

That is equivalent to forbidding any legislature to pass any law that violates the provisions of this supreme law. The presumption is of course that no legislature will pass a law that violates the provisions of the constitution, but unfortunately neither human language nor human understanding is perfect. Hence men will honestly differ about what the language of a statute means, just as men always have and perhaps always will honestly differ about what the language in the Scripture means.

When men honestly dispute, unless there is some person or some body with authority to settle their differences, there can be no end of the dispute. Hence the necessity of courts to pass upon the disputes between men. The courts may sometimes be corrupt. Their decisions may be and often are wrong, just as the decision of an umpire is often wrong in a ball game. The ball game however could not go on without the umpire. Without that official with authority to settle matters the game would degenerate into an interminable dispute that would mean no game at all.

So when a legislature has passed a law and a dispute arises as to whether this agrees with the supreme law which the people have established, it would seem that there must be some constituted body with authority to settle the dispute. When there is a dispute as to what the language of a statute means there must be some body with authority to settle that dispute. I am therefore not ready to say that the power of courts to pass on the constitutionality of a law ought to be abolished. It seems to me that so long as we have constitutions it is necessary to give courts that power.

LOANS TO THE FARMERS. The Chicago platform has a plank in it practically advocating loans to the farmers of the country. It is not altogether clear what the framers of the platform meant when they wrote that plank. Maybe they didn't know themselves.

Possibly they wanted to leave it indefinite so that it wouldn't scare the banking trust on the one hand and catch the farmers with promises of cheap money on the other. However, I am rather pleased that it went into the platform and prefer to think that the ideas of the platform framers were rather indefinite and that they concluded to say at least that such a plank could do no particular harm.

However, since it has now become one of the political issues isn't it well enough to get down to brass tacks and discuss the ways and means necessary to carry out the suggestion in the platform?

First, where is the money to be obtained to lend to the farmers? Is it to be lent as now through the banks? If so, what was the use of putting such a plank in the platform? Farmers can borrow money now from the banks if they have the security and are willing to pay the interest.

Does it mean that the money is to be lent through co-operative banks? That can be done now. There is nothing so far as I know to prevent farmers getting together if they have the money, and organizing a co-operative bank.

Does it mean that the government is to take a

hand and furnish money to the farmers? If so, where is the government to get the money to lend? Is it expected that the government will help organize the great banking trust as outlined in the Aldrich plan, dump all its funds into that institution and then borrow back its own funds to lend to the farmers? That would be a beautiful plan so far as the banking trust is concerned but what about the people who compose the government?

Still I am glad that the plank went into the platform for it will give a chance to discuss the matter.

The government could establish a system by which loans could be made to the farmers that would not increase the profits of the banking trust; which would be of tremendous benefit to the farmers and at the same time add materially to the revenues of the government.

And while you are talking about loans to the farmers, while this is a farm paper and more directly interested in the welfare of the farmers than of any other class, why should governmental favors be limited to the farmers? I do not believe the farmers are selfish enough to ask that special favors be granted to them which are to be withheld from all other classes of citizens.

BRYAN AT BALTIMORE. As I write this, William J. Bryan is in the middle of his great fight at Baltimore. By this fight he has unquestionably made some bitter enemies for himself. I think that he realized that when he started the fight.

Personally, I think he is a bigger man than I believed he was before the fight commenced. I cannot see that he had anything to gain personally. He was fixing it so that it will be next to impossible for him ever to occupy the presidential chair. He might, I think, have taken a course that would have made him the compromise candidate of the convention. It appears that he has deliberately chosen to throw away that chance and that he is making his fight for what he conceives to be a principle of right. And as a fighter it must be conceded that he is a peach.

He has been too much for his opponents although they seemed to outnumber his followers. They may have supposed that when they put Parker in as temporary chairman of the convention they had Bryan licked. They have another think coming, as they have discovered by this time.

Mr. Bryan has kept the whole push behind Clark, Underwood and Harmon jumping sideways and at this writing it appears that the convention will not be able to name any man who is not satisfactory to Mr. Bryan. So I remove my tile to Mr. Bryan. In the words of Kipling, "e's a first class fightin' man."

A WESTERN KANSAS FARMER'S VIEW. Tom McDermott, writing from Modoc, Kan., asks

if the government can lend to Kansas and other states that have arid territory, money with which to irrigate. Continuing, Mr. McDermott says, "I think the state should aid with an equal amount and the state lend this money to the people. Our government being so complicated I do not see how the national government could do any other way than to lend to the state."

"Mr. Capper takes an advanced stand in every line of progress and this is progress. Kansas statesmen in the past have not made strong enough effort along this line. If the national government cannot issue non-interest bearing notes let it issue bonds and let the state pay interest on the bonds and lend the money to the farmers through the state banks."

"As this would create more business for the banks and on a safe basis, I do not think the banks would be opposed to it, as every banker in the state knows that drouth has caused more losses than all other calamities combined."

I can see no reason why the National Reclamation law cannot be made to cover the storing of the waste waters of western Kansas and eastern Colorado. Under our present constitution I do not think the state would have the right to borrow money from the general government for the purpose suggested by Mr. McDermott.

As I have suggested in another place and in former issues of this paper, the government could issue government currency which could be loaned to states and municipalities or even individuals at 2 or 3 per cent, the interest to be paid to the government instead of, as now, to private bond owners. The people of the state could change their constitution so as to permit the state to engage in works of internal improvement.

A HOG CHOLERA REMEDY. A letter has just been received from Edward Ryan, who lives near Lecompton, whose name

has been heretofore mentioned as the discoverer of what he believes to be a specific remedy not only for the dread disease of hog cholera, but also of other parasitic diseases of stock and even of the human kind. In this letter Mr. Ryan sets forth a description of the parasite called "syier," which causes cholera, its origin and the manner in which it works on its victims.

"This," says Mr. Ryan, "is a minute white rod-

shaped parasite found in the red corpuscles of the blood. It originated in the bacterial action of decomposed fish in a tropical climate and has a slight resemblance to the parasite that causes the disease of leprosy. This germ can only be discovered by microscopic tests and then perhaps only after repeated tests conducted for several successive days and after the cells of the blood have burst and the parasite has gotten out into the field on the lens of the microscope."

Continuing, Mr. Ryan says that these parasites do not work continuously. Like the snake, when their appetite is satisfied, they remain dormant in the blood until ready to feed again. The size of this parasite, according to Mr. Ryan, is 1 billionth part of a meter and it will remain in living blood for a long period of time. This is especially true of the blood of the hog. The parasite increases at the rate of 25,000 every five hours. This applies to a hog that has plenty of blood.

"After congestion and inflammation have taken place and the vitality of the animal is weakened the parasites will consume the entire amount of complex fluid in a short time and cause the death of the hog. Hogs affected with this disease have dark and purple spots under the belly. They are usually alive with vermin. They are weak and stagger when they attempt to walk. They almost invariably have a cough. The bowels are at first constipated and later a diarrhoea takes place. The urine is highly colored and has a bad odor. The whole muscular and nervous system is affected. There is congestion of the throat and lungs. The temperature varies according to the size of the hog. I have known and treated hogs weighing 200 pounds that had a temperature of 108-2-5. Often in the last stages of this disease the hogs have a false appetite. I have known them to eat a few minutes before death."

"The carcasses of hogs dying of this disease should be burned immediately and not thrown into streams or buried. When thrown into streams the water becomes infected with this parasite and when buried there is danger of dogs, rats, skunks or even chickens digging them up and causing the spread of the disease. All pens and sheds where hogs have been kept infected with this disease should either be burned or thoroughly disinfected and kept so for at least a year before other hogs are allowed to be put into the same.

"After this parasite has passed out of the blood it will live in open air for a long period of time and will under favorable conditions develop into a small gray fly, resembling what is known as the sand fly. In the course of two years, which is the length of the life of this fly, it may deposit enough eggs to hatch billions and even trillions of its kind.

"The bite of this fly will cause in the human kind spinal meningitis and paralysis of the muscular and nervous system. Any living thing with a blood temperature of 90 degrees is susceptible to this disease.

"It may be well for me to call the attention of the farmers who raise chickens to the fact that if your fowls are infected with a disease you are not familiar with, especially if they have been kept in the neighborhood where there are hogs affected with cholera, you had better separate them from the other fowls and destroy them. Burn them up. I have found a number of chickens infected with this disease and this is the reason for giving you the foregoing advice.

"I have devoted 14 years to hard study to gain the knowledge that I am now giving you the opportunity to read in one of the most valuable farm papers published in the interest of the farmers and stock raisers of this country."

As I said in the beginning, Mr. Ryan believes that he has discovered a preparation that will destroy the parasite mentioned and cure the disease. I most sincerely hope that arrangements will be made to give his remedy a thorough test. If it will do what Mr. Ryan confidently believes it will, it is one of the most valuable discoveries of the age.

PENSIONS FOR GOVERNMENT EMPLOYEES.

A part of the Chicago platform demands pensions for retired government employees. As this is being written the Baltimore convention is in session. Probably some such plank will be inserted in the platform adopted there.

It might be better for the government to retire its employees on pensions than to keep them in the service after they have reached the period of decrepitude, but will some one please explain why a government employee who gets better pay for little work than the average employee in private life, should be retired on a pension when there is no provision for a pension for the private citizen who has worked all his life until compelled to desist from remunerative labor by sickness or age?

If the worker in private life who receives fairly good wages does not lay by anything for old age he is said to lack thrift and foresight and must suffer the consequences. Why should not the same rule apply to government employees who work shorter hours under more comfortable conditions and get bigger pay? Is it fair that this worker in private life should not only get no pension himself but should also be compelled to help pay the pension of the man who has had a good easy job all his life in some department of the government service?

Why should the United States judge who draws a princely salary and is allowed an annual vacation which he whiles away at some summer resort be retired finally on a large pension while the ordinary

citizens including judges of the state courts, get no pensions when they retire from business on account of age or debility?

The city of Washington is full of retired regular army and navy officers who draw fat pensions out of the public treasury although most of them have been getting fatter salaries during all their army lives than the average citizen is able to make or than they would have been able to make if they had not been in the government service.

Perhaps a general system of old age pensions would be a good thing but why should there be a lot of pampered favorites paid out of the money collected from the people who get no pensions?

This of course does not apply to the veterans of the Civil war whose pensions are granted on an entirely different theory.

STORAGE OF FLOOD WATERS.

A subscriber writing from western Kansas says, "If I could be given the amount of wealth that has been wasted in any one of the past six years in Decatur county in an attempt to grow wheat, I could duplicate this dam (the dam spoken of stores a maximum of 25 to 30 foot acres of water and defies the force of any flood) on every tier of sections on every creek in the county.

"That would mean at least 75 dams with a storage capacity of from 2,000 to 3,000 foot acres of water, at far less expense and far greater utility than the great system that you advocate. Our creeks out here are very crooked and the valleys narrow and by a system of small dams the storage water would be well distributed over the county."

Evidently the subscriber did not understand my position.

I am heartily in favor of the system of small dams widely distributed over the country. I would however in addition to these small dams build large reservoirs on such streams as the Republican, the Saline, the Smoky Hill and Solomon rivers.

Undoubtedly all this could be done by private enterprise if private capital could be secured but I do not believe that it can be secured, therefore I am in favor of making these reservoirs by a public reclamation system. I would say also that after the general system of public reservoirs had been arranged for, individual farmers should supplement these by creating such small ponds as they could on their farms by making dams across the draws on their several farms.

There is no conflict so far as I can see between the ideas of this reader who is a very practical and intelligent man and the suggestions I have made. I am not so particular however about what system is adopted to store the water; the principal thing is to adopt a system by which the waters now wasted may be stored and utilized.

STANDS UP FOR ARKANSAS.

Editor Mail and Breeze—From reading "Passing Comment" in Mail and Breeze I had begun to think you were a very fair-minded man. The first thing you did that caused me to think I might be mistaken was when you went on the trip to the Everglades. You failed to see anything in passing through several southern states on which you could place the stamp of your approval unless it was a few school houses about the towns, and even then you had a strong suspicion that there was a boasting braggart Kansan living near there.

Then in a week or two you follow that vicious punch with a black eye for Arkansas. In describing those steers you certainly did go the limit. And the "hill billies" and the wilds of Arkansas. You surely haven't many subscribers in Arkansas or those other southern states and don't care whether you keep what few you have or not. Possibly you didn't know that a herd of Hereford cattle belonging to O. L. Miles of Booneville had been carrying first premiums from Texas and other neighboring states. We claim in Arkansas that we are about as respectable as your mixture of Russians, Norwegians, Germans, freebooters, etc., of Kansas. Booneville, Ark. L. M. LEDBETTER.

It always rather pleases me to see a man stand up for his state, therefore I am not inclined to grow hostile when I read this letter of Mr. Ledbetter's, which plainly indicates that he was warm under his neckband when he penned the epistle.

I have no doubt that what he says about the Miles herd of Herefords is true. Neither have I any doubt whatever that many other fine herds of cattle can be found in the state of Arkansas. I will go further and say that few if any states of the Union have greater possibilities in the way of stock growing, general agriculture and fruit growing than the state of Arkansas. It also has important mineral resources partly developed but mostly waiting for development.

However I have nothing to take back concerning the herd of Arkansas "dogies" described in the article referred to. The description didn't do them justice. They were indeed the limit. When they first came to Kansas the owner could have skinned the hind quarters and sold them to an inexperienced restaurant keeper for dressed frog legs.

I do not and never have claimed however, that these "dogies" are the only kind of cattle to be found in Arkansas. Neither do I claim that the only people in Arkansas are the "hill billies" or that Senator Jefferson Davis is the highest type of statesmanship that can be found in Arkansas. I know that there are a great many people of refinement and progressive ideas in that state. The "hill billies" are there however, just the same.

Judging from his letter, Mr. Ledbetter is not a "hill billie" and if he is in the cattle business prob-

ably does not raise "dogie" cattle or razorback hogs, so the shoe does not fit him and why should he worry himself trying to put it on?

I also stated that one cannot form a very accurate opinion of a country from just riding through it on a railroad train. So I may not have formed an accurate opinion of the states of Mississippi, Alabama or Georgia by riding through them. I simply stated what I did or did not see. I said, and say again, that in a ride of several hundred miles through those states I did not see one comfortable looking farm house nor a single fairly good looking school house.

I do not say that there are no comfortable farm houses in the states of Mississippi, Georgia, or Alabama. On the contrary, I have no doubt that there are. I only say that in a ride of several hundred miles through those states I did not see one. I do not say that there are no respectable, comfortable and inviting country school houses in those states. No doubt there are. I only said that in all this ride I did not see a single one.

I said, and say again, that the impression made on my mind was that the blight of slavery still rests on that country. Slavery necessarily degrades labor and while slavery has been abolished the degradation that attaches to labor still to a considerable extent remains.

Now if Mr. Ledbetter believes that I have done his state an injustice or that I have done the states of Alabama, Georgia or Mississippi an injustice he should confine his attack to me. He ought to feel ashamed of his ill-natured fling at the Russians, Norwegians and Germans, who as a matter of fact, with individual exceptions of course, are among the very best and most progressive citizens of this or any other state in the Union.

LET'S MAKE NO MISTAKE IN KANSAS

I have no sympathy with the political jugglers, as crooked as a barrel of snakes, who, whether on national committees, or in other high places in the councils of the party, manipulate the affairs of the party regardless of the voice of the voters.

The day has gone when the people of Kansas will tolerate as they have in the past, the driveling of self-seeking politicians, who periodically raise the people's expectations of betterment of their condition, and then after election laugh them and their hopes to scorn. No longer can they be fooled by the slush of political phrase, and the mush of partisan buncombe.

The people are determined to do something; they will stand for no more of the old moss-covered and barnacle-shagged political bunco; they are determined to get rid of domination by the privilege-hunting, favor-seeking class.

The truth is marching on. The tide of Progressivism is so strong that it is bound to sweep all before it whatever the professional politicians of either party may conclude to do. It is in my opinion the time of all times for the Kansas Progressive to keep his head. The important thing now is that we make no mistake here in Kansas by swapping horses in midstream.

In this state the Republican party has worked out its salvation and lined up heart and soul with the people. It has not been an eleventh hour conversion. Kansas was early on the battle line of progressive states, it has been highly progressive for years. The progressive element is now in full control in the state with plans and policies ready. In my opinion, it would not only be wrong and not in accord with the Kansas idea of fairness to turn down the Progressive Republicans in Kansas who have made a desperate fight for principle and won, but it would be a needless sacrifice, a loss of time and a backward step.

The reasons are obvious. Progressivism is now organized in Kansas; to forsake the Progressive party now in power in the state for another, would mean to go back to the beginning; to accept an experiment for a worked-out certainty. I don't believe any true Progressive wants to risk that and so far as the world outside is concerned a vote for the Roosevelt Republican electors is sufficient as the Kansan's guarantee of faith in Progressivism.

There is a straight, clean-cut line-up on the Republican ballot at the August primary between the Roosevelt and Taft forces. There are nine electors chosen previous to the Chicago convention by the Roosevelt state and district conventions. The Taft managers in Kansas were unwilling to accept these nine electors and have put up their own ticket of nine men who are known to be avowed Taft men. The Progressive Republicans can stand absolutely and uncompromisingly for Roosevelt by supporting the nine Roosevelt electors on the Republican ballot. An independent Roosevelt third party is therefore unnecessary in Kansas; in fact, there will be none, for Colonel Roosevelt himself has informed his friends in Kansas that he will take his chances with the Roosevelt electors already selected in this state by his friends.

Let the Progressive Republicans stand by their guns in Kansas and let the Kansans as a whole keep their hard won vantage ground.

Arthur Capper

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JAYHAWKER FARM DOIN'S



BY H. C. HATCH, GRIDLEY, KANSAS.

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The week this was written the mercury went as low as 53. Last year at this time it stood at 100. If we could only even up our extremes what a fine climate we would have and how the crops would grow.

But seriously, it would not do to have things run too smoothly or to have big crops every year. People would soon get ornery and mean. It takes a little adversity to keep the human animal from thinking he is the biggest thing going.

Oats now look well and if this weather continues there will be a good yield. Nothing would strike most farmers better than to have some early grain. It counts up fast if every horse and hog on the place has to be filled up on 75-cent corn.

Our cowpeas are up and seem to be a good stand. They took a full week to come up this year while last year they were above ground in four days after planting. The cowpea is a warm weather plant and a temperature of around 60 does not suit it very well.

When cultivated cowpeas are to be cut for hay, the ground does not want to be ridged up very much. We are going to use a disk cultivator on ours, throwing the dirt away the first time and putting it back the second. This will leave the ground level and while we aim to run the disks lightly—enough dirt will be moved to keep down the grass.

Where ground is listed any kind of a disk cultivator will stick right to the row without any attention after the gangs are once set. But on top planting it is harder to get a disk to work well if the ground is being thrown away from the row. Our disk has a lever with which the gangs can be handled easily on top planting. We like this lever feature at such a time.

Owing to the cool weather Kafir is making slow progress and it is going to take about the whole season to mature this crop. If we have the right kind of weather in the next two months it can easily make a crop but if anything should occur to hold it back, Kafir is going to have hard work to dodge the frosts.

Some of the neighbors have lately bought silos and will put them up some time this summer when they can find time. The silos they bought are complete with roof, which is as it should be. We never could see why a roof was not furnished with them for it is as much a part of the silo as the sides. These new silos also are soaked in creosote and while that does not make them look pretty we have an idea it will add to their lasting qualities.

The recent heavy rains have completed the prairie hay crop and it will be one of the largest of recent years. The second crop of alfalfa will also be large and this, coming on top of the biggest first crop ever raised will make plenty of hay. We heard one man say that he got more hay from his first cutting of alfalfa this year than he did last year from any two cuttings. Farm animals can count themselves lucky over the hay outlook.

The world is a better place to live in than it used to be, both for horses and men. Horses live longer than they used to which shows they get better care. We can remember when 12 years was thought to be the limit of good service in a horse and any horse over that age sold for a low price, if it could be sold at all. Now horses 16 and 18 years old sell freely and at good prices. A horse that has been well cared for should be just in his prime when he is 12 years old.

While grain has been scarce and high for a year or more we do not see the

thin horses we used to see when corn brought no more than 20 cents a bushel. Nearly everyone has found that it does not pay to misuse horses but we like to think that a great part of their better treatment comes from a more humane spirit in their owners. We are certain the average run of farm animals is much better treated than it used to be 20 years ago.

Some of the ill treatment of horses years ago was due to the horses themselves. At that time most of the farm teams had a large mixture of broncho blood and this made many horses mean and they were treated accordingly. This broncho blood is about worked out of our farm horses and most of the teams we now see show no sign of any such mixture. A horse part broncho may be tough but he is never trusty and he has not weight enough for a farm horse.

Many country districts are paying \$60 per month for their teachers this year and but few are paying less than \$45. We have no complaint to make of these wages. Many times the \$60 teacher is cheap and would still be cheap at \$25 more. We cannot see why the wages of teachers and farm hands should show so little difference. Some are worth double what is paid them while others are hardly worth their board. In fact, some school districts would be better off if the school house doors were not open than to have some teachers for \$10 less than nothing. This is the great mistake union labor makes; their stronghold is uniformity of wages and they insist that each man in the same line of work shall draw the same wages.

We have a milk cow in our herd that is so accommodating she will part with her milk to any calf that wants it. Not only that, she insists on parting with it. Now we want that milk ourselves and were hard put to find a way to get it. When the robbing operations were first noticed we mixed up and applied some lard and quinine, which was all the bad tasting stuff we had on hand that would not injure the cow's teats. This worked well for a few days and then some calves acquired a taste for quinine and we began to lose the milk again. We next tried fish oil and that worked pretty well but the oil would be gone by afternoon. We then made a mixture of axle grease and fish oil and so far that has done the business.

When the flies first came around we tried fish oil rubbed lightly over the horses. This lasted until about 10 o'clock and then the flies began to bite again. For the first two hours the flies would hardly light on the horses but after that they began to get in their work. But the fish oil smells so that we do not care to use it and the horses objected strongly to having it rubbed on them. A farmer told us the other day that mixture of fish oil, arnica and camphor was the best thing he ever found for sore necks on horses and we have an idea that it would be good.

It has been a good while since we have seen an iron pitman on a mower. Anyone who has farmed for a few years will remember how many trips he had to make to the shop to get the iron pitman welded and what a boon the wooden pitman was when it was put on. Many could not see how wood could be stronger than iron and very likely it was not any stronger but it lasted longer. That was before the days of automobiles and we did not then know anything about the crystallization of iron as we do today. What really happened to the old iron pitman was that it crystallized owing to the motion and repeated shocks just as the auto axles do now.

It is always a good plan to use plenty of seed in planting cucumbers, cantaloupes, melons, etc. The hills may be thinned out later.



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Feeding Silage to Steers

(Continued from Page 3)

raises feed crops and the other section is sown to wheat.

Last summer's heat and drouth made the grazing poor and the cattle came off the range in bad condition. In previous years the stalk fields and winter rye would have furnished pasture after November first, but last winter the snows were so frequent that this source of feeding failed. Not a head was turned out into the cornstalks until April and there was no winter pasture at all. The silos were, therefore, on double duty from November 15 to April 1, when the silage ran out. In the meantime alfalfa hay went up to \$20 a ton. At that price for hay, feeding steers ceases to be profitable.

The 72 head of young stuff on the Fernie ranch went on winter rations at 425 pounds and weighed out at 702 pounds, making an average gain of 2 pounds a day through even the most unfavorable weather. They were not finished when sold, but they brought \$6.75. They were sold when the silage ran out.

Their daily ration was 15 pounds silage, 7 pounds of ground corn (fine ground) and 1½ to 2 pounds of cottonseed cake. Alfalfa and Kafir hay fur-

nished the roughage. This year, at the finish, the cattle were eating only half the corn meal and half the alfalfa hay that was fed in previous years when there was no silage. Mr. Fernie states the proposition this way:

"On our high-priced land, with alfalfa and corn at high figures, we needed some form of cheapening beef production. The silo fills the bill. I believe it will reduce the cost of production at least one-third. In such seasons as the past one it means the saving of our stock cattle, in addition to profit on the young stuff sold off fat."

The ranch turns off in fat stuff from 100 to 125 head a year, all raised on the place. The problem heretofore has been to hold down the cost of wintering. It was necessary to find a solution to this or go out of beef production. The silo has solved it. The two silos now on the ranch were built under the supervision of George C. Wheeler of Kansas Agricultural college, and they cost about \$400 each. They are of the reinforced cement-plaster construction, and the capacity is 160 tons each. The third silo, to be erected this summer, will be of solid concrete with a capacity of 380 tons at a cost of about \$500.

Fattening Lambs on Silage

Profits on the difference between 4,000 and 10,000 lambs is what silos made for Anthony Gardner, of Hutchinson, Kan., during the winter. He is one of the largest sheep feeders in Kansas and he says silos are indispensable. They not only increase his profits per lamb, but enable him to more than double his operations. He has two enormous concrete silos, with a combined capacity of 1,300 tons.

"How many lambs did you feed this season?" was asked Mr. Gardner.

"Ten thousand," was the reply.

"And without silos how many could you have fattened?"

"Only about 4,000."

The difference in numbers was not all of it. Last summer was a hot one. Corn over a large section of the Southwest was ruined by the hot winds. Reno county suffered along with other sections. Had Mr. Gardner been without silos he could not have cut and saved his corn before the hot winds damaged it; nor could he have made the best use of the Kafir he grew last season. His silos

drouth, made 15 tons of fodder to the acre, so that it isn't expecting too much to fill the silos from 80 acres in this, a normal Kansas crop year.

The Gardner farm is in the \$100-land district, only a few miles from Hutchinson. This land is too high-priced for pasturage or range purposes and every acre of it must be made to produce wealth. To fatten 10,000 lambs in one winter on such land requires intelligent feed production and here the silo demonstrates its usefulness.

The silos, which are 30 by 36 feet each, are built at the ends of the feeding barns, the dimensions of which are 300 by 100 feet, exclusive of adjoining pens. They are of concrete with metal lath reinforcement, but they were not built under supervision of Kansas Agricultural college. They cost about \$1,000 each and their owner figures that they cut nearly a third off the cost of his yearly feeding operations. During the winter it was impossible to buy feed except at prices ruinous to the feeders' profits, so that all the money Mr. Gardner made on



Breeding ewes thriving on silage on farm of Charles Smedley, Phillips county, Kansas. Mr. Smedley maintained a small dairy herd and 135 head of sheep on silage last winter, with better results than any previous year.

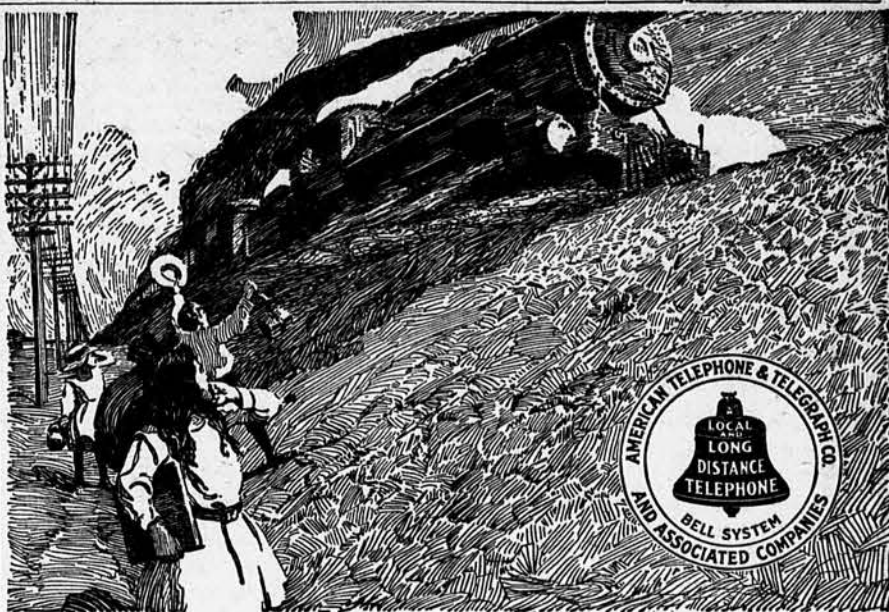
are in their third year. They were filled with corn in the fall of 1910 and 7,500 lambs were fattened with ensilage and grain. In 1911 he cut all of the corn on his half section of land for silage and corn was the principal crop. He topped off one of the silos with 100 tons of Kafir, in order to try it. He found it so successful that he has this season planted a large acreage to Kafir and cowpeas, sowed together. Eighty acres of this, he figures, will fill the silos—about a third of what it took, in acreage, to fill with last season's corn crop.

The Kafir and cowpeas were put in together with a lister, the seed being mixed 2 parts of peas to 1 part of Kafir. It is believed that the Kafir will be ready for cutting about the time the peas are at their best. The crop will be cut with a corn binder. Ten acres of this combination in 1911, in spite of the

the season's operations was due to his silage. Prices early in the spring were poor, but later offerings brought good figures for fat lambs.

There was still some silage left after Mr. Gardner had marketed his winter's run of lambs and he was offered \$6.50 a ton for this by a feeder in a neighboring county. He did not sell, as he picked up a bunch of poorly wintered lambs about that time at low figures and, when the writer visited the farm, these were almost ready for market. There were 1,800 of them and Mr. Gardner figured that they would bring him a profit of about \$1.50 per head. So the season will close for him with a comfortable balance in favor of silage.

He fed, ordinarily, 2 pounds of silage and 1¼ pounds of grain a day (corn, bran and cottonseed meal), with Kafir fodder for roughage.



The Right of All the Way

Railroad service and telephone service have no common factors—they cannot be compared, but present some striking contrasts.

Each telephone message requires the right of all the way over which it is carried. A circuit composed of a pair of wires must be clear from end to end, for a single conversation.

A bird's eye view of any railroad track would show a procession of trains, one following the other, with intervals of safety between them.

The railroad carries passengers in train loads by wholesale, in a public conveyance, and the service given to each passenger is limited by the necessities of the others; while the telephone carries messages over wires devoted exclusively for the time being to the individual use of the subscriber or patron. Even a multi-millionaire could not afford the exclusive use of the railroad track between New York

and Chicago. But the telephone user has the whole track and the right of all the way, so long as he desires it.

It is an easy matter to transport 15,000 people over a single track between two points in twenty-four hours. To transport the voices of 15,000 people over a single two-wire circuit, allowing three minutes for each talk, would take more than thirty days.

The telephone system cannot put on more cars or run extra trains in order to carry more people. It must build more telephone tracks—string more wires.

The wonder of telephone development lies in the fact that the Bell System is so constructed and equipped that an exclusive right of all the way, between near-by or distant points, is economically used by over 24,000,000 people every day.

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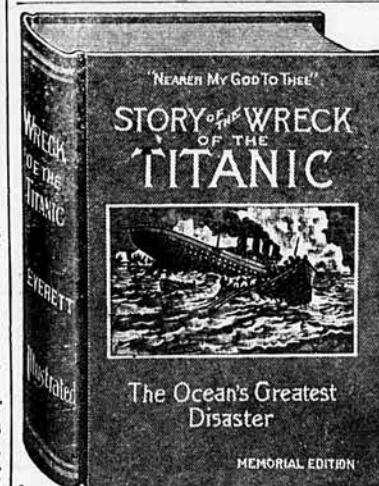
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1600 Human Lives And \$35,000,000 LOST!

Mothers and children were torn from husbands and fathers; sisters were separated from brothers, and forced to view their untimely deaths—that is the harrowing tale of the sinking of the Titanic. But there is also the valorous side of this tragic story—Following the chivalry of the sea in caring for the women and children first, is a story of self-sacrifice and heroism such as no page in history records, and is a glorious tribute to twentieth century civilization. The whole story is told by survivors in this authentic book which is lavishly illustrated with full page pictures showing the scenes of the sinking of the Titanic and the work of rescue. A big book of 320 pages—in cloth binding.

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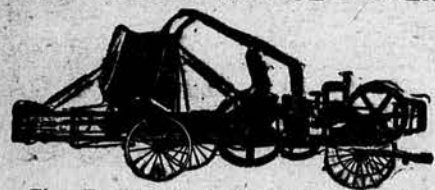
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IOWA FARMS! Best soil, good improvements, all sizes, bargain prices, easy terms. Write today for our 1912 illustrated list. **NORTHERN IOWA LAND COMPANY,** Independence, Iowa.

Overcoming Hot Winds

Out in western Kansas the silo is now demonstrating its usefulness in overcoming the effects of summer drouth and hot winds. Drouth-resistant feeding crops, such as Kafir, milo and sorghum will give excellent yields even when grain crops fail, and western Kansas farmers are coming to the point where they realize the practicability and profit of a livestock basis for their operations. They have learned, for example, that Kafir will produce on a given acreage, twice the quantity of silage that they can get from Indian corn and to conserve this, not only for winter use, but for the summer dry spell, they need sufficient silo capacity.

One of the pioneers in this line is W. C. Whitney of Agra, Phillips county. He has a 100-ton cement-plaster silo, which, in its first two seasons, has given such proof of its usefulness that the owner will build another one, double the size of the first.

"I get four times the feeding value out of silage that I can get from pas-

The mistakes of the old corn planters are showing up in great shape. Likewise the man who nearly cuts his leg off with the old fashioned sled corn cutter will soon be wishing he had bought a corn blinder. The moral is, as construed by the Mail and Breeze, that a man who takes chances is sooner or later going to have an accident.

ture," says Mr. Whitney, "and I am going to have enough laid up to feed the year round, when necessary. Thirty acres of corn filled my silo last season, the worst year we have ever experienced here. This spring I put in 60 acres of milo and Kafir and 60 acres of corn and I'll have silage enough to last me all next winter with a reserve stock for the following summer. I won't need to depend on pasture."

Mr. Whitney milks 10 ordinary cows that, with silage as their chief ration, brought him \$58 for cream during the month of May. His cream check held up about the \$50 mark during the winter and spring. In addition, he fattened a carload of beef stuff that he bought in March, 1911, at \$12 a head, selling them last January at \$40 a head. His silo supported 70 head of stock in all. He fed 2 pounds of cottonseed meal a day during the coldest weather, and alfalfa hay throughout the winter. Pigs get the skim milk on this farm and bring in money as fat hogs.

Mr. Whitney has planted 2 acres of Spanish peanuts, in order to test this crop as a dairy and hog feed. The peanuts were up and thriving during the first week in June.

Mr. Whitney's silo cost \$275 and it was the first one built at Agra of the cement-plaster type without the supervision of a representative of the agricultural college. Four other dairy farmers in the neighborhood of Agra are silo enthusiasts as a result of college efforts.

J. C. Atchison filled his 100-ton silo with corn from 30 acres that had been so badly damaged by hail as to make the crop a loss for grain. This served to keep a herd of Holsteins through the winter. Eleven dairy animals and 12 head of other stock lived off the silo. During the coldest weather the dairy cows got 2 pounds of cottonseed meal a day. The usual ration was 30 pounds of silage, with alfalfa hay for roughage. The milk check ran from \$50 to \$60 a month all winter. Without the silo all the profits would have gone into the cost of feeding. The Atchison silo, of the cement-plaster type, cost about \$250. It will be filled this year with the Kafir from 12 acres.

E. J. Dixon's silo experience was along similar lines. His corn field was caught by the same hailstorm that ruined Atchison's corn.

"But for the silo," said Mr. Dixon, "the 35 acres of corn that went into the filling of it would have been a 90 per cent loss. I kept up six dairy cows and about 25 head of young stuff on the silage and I got at least a third more milk than I would have got in dry feeding."

This year the Dixon silo will be filled principally with Kafir, and in addition some squaw corn and cowpeas. Twelve acres will grow the bulk of this feed. The cost of the silo was \$275 and it was put up in 1910.

Breeding ewes thrive on silage on the farms of Charles A. Smedley and Marion Scott at Agra. Mr. Smedley is planning to put up another silo this year, in order to have 12-months' supply. He kept a small dairy herd and 135 head of sheep—mostly breeding ewes—during the winter. His stock is in better condition than in any previous year when no silage was fed.

"I filled my silo with Kafir and Indian corn last fall—three-fourths Kafir. I noticed no difference in my stock in feeding and I'm going to put in all Kafir this season, as it takes only half the acreage of this crop as compared to corn. I have never seen a year here that we didn't get a good yield of Kafir. We can't say that of corn. My second silo will be 12 by 26 feet and I won't have to depend on pasture when I get it up."

His silo, exclusive of roof and door, cost \$204 and the material is the same as that of the others at Agra. Marion Scott's experience has been about the same as that of Mr. Smedley. Many other farmers in Phillips county are intending to build silos.

Farm Loans By the State?

SOMETHING TO THINK ABOUT.

Back in the early '90s the Populist party, then flourishing in Kansas and other western states, had a plank in its platform favoring farm loans by the state at a low rate of interest. With the passing away of that party this idea was lost to public notice. But the plan remained firmly rooted in the minds of many Kansans and now shows signs of a revival. Conditions in western Kansas last year are responsible for attention again being directed to it and the college extension department at Manhattan is favoring the plan.

J. H. Miller, the director of the department, asks: "Why should not Kansas inaugurate a system of loans through some revolving fund, handled by the county commissioners or the county treasurer, to meet such an emergency? The money could be lent at 3 per cent, the principal to be paid in five annual installments, or less, depending on the crops of the following years. The loans should be made for the purchase of seed, for feed for maintenance of stock, work horses, milk cows, etc., and for food and necessities for the family."

Provision also should be made, Mr. Miller thinks, whereby the state or coun-

In the opinion of the Mail and Breeze the man with a fence-breaking brood sow and a large litter of pigs won't have to fall back on the political situation for something to worry about.

ty should be able to make 3 per cent loans on grain in crib or elevator when prices are too low for profit.

On the principle that a farmer is as much entitled to profit on his wheat, corn or hogs, as is the dealer, the plan has many things to recommend it. When a man is compelled to sell his wheat whether the price is fair or not, as under the present system is not infrequently the case, he is likely to lose the fruits of the greater part of his year's labor. Foreign governments recognizing this fact, have protected their producers against such losses.

SIX SILVER NARCISSUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Plated Narcissus Spoons made by the famous Oxford Silver Plate Company. Each spoon is extra heavy, full standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

Starves Rats Saves Grain

Saves more than its cost every season. Costs but a trifle more than wood, outlasts a wooden granary 3 to 1. This portable, rust-proof metal granary is a proven success.

2 GRAIN BINS IN 1

Can be partitioned to store 2 or more kinds of grain at once. The Northfield combines all the good features found in other makes and has several new features.

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against fire, dampness, rats, thieves, etc. It will dry out and preserve your grain better than the best wooden bin. Is ventilated through floor and sides, under eaves and by great big cupola. Holds less or any small grain and is easily converted into a thoroughly ventilated corn crib. Has anchor bolts that make it wind proof. Only bin with a perfectly smooth rain proof floor. Sides and floor sections connected by interlocking cleats. Strongest bolts. Fastest and quickest to set up. Sections all interchangeable. The heaviest bin of its size. Built to stand rough usage. Most reasonable in price compared to its weight & thousands are in use.

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TIRES, Coaster-Braze rear wheels, Ramps, repairs and all sundries at half usual prices. Do not wait write today for our special offer.

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MAGIC REFLECTOR CO., 100 Copper Bldg., TOPEKA, KANSAS



Ten Eyck's Replies

TO FARM QUESTIONS

Conducted for Farmers Mail and Breeze by
A. M. TenEyck, Superintendent Fort Hays
Branch Experiment Station, of Kansas
Agricultural College, Hays, Kansas.

Cowpeas Or Soybeans After Wheat?

Which is best to sow after I cut my wheat for hay, cowpeas or soy beans? How thick should I sow them? What kind ought to mature the earliest? I live 100 miles south of Kansas City.—G. A., Garland, Kan.

Cowpeas is the preferable crop to sow after wheat. The New Era is an early maturing variety and well adapted for this purpose. Planted in rows 3 to 3½ feet apart, requires about 1 peck of seed peas per acre. Sown broadcast or in close drills requires 3 to 4 pecks.

A. M. TenEyck.

Sweet Clover for a Blowing Soil.

I have a field that is very sandy and hard to get a stand with such windy springs as we are having. I have this field in corn, and desire to know if it would be practical when corn is laid by, to go in with single horse drill and drill Sweet clover? Would it withstand the winter? My idea is to get it up and out of the way before the spring winds. What is the kind to sow?—S. T. G., Larned, Kan.

If the season is wet enough, the plan which you suggest should work all right. If started early, the Sweet clover will stand the winter and start early in the spring. I am mailing circular letter giving more detailed information on the seeding and culture of Sweet clover.

A. M. TenEyck.

Preparing Weedy Land for Alfalfa.

I have just finished plowing 30 acres of bottom land which I intend to sow to alfalfa this fall. The weeds on this land were 2 feet high and a very thick stand. But I plowed them under in good shape. What effect will the weeds which were plowed under have on the land?—O. E. T., St. Francis, Kan.

After plowing under such a heavy growth of weeds, it will be advisable to sub-surface pack this ground. This will press the soil about the weeds and trash, prevent drying out and cause more rapid decay of the vegetable matter. Give such surface cultivation as may be required to destroy weeds and maintain a mellow soil mulch. Disking early in the season followed by harrowing later may be the preferable method. The soil should be firm and well pulverized and well stored with moisture by seeding time.

It may be advisable to wait until next spring before seeding the alfalfa. Fall seeding is less likely to prove successful.

DUBIOUS

About What Her Husband Would Say.

A Mich. woman tried Postum because coffee disagreed with her and her husband. Tea is just as harmful as coffee because it contains *caffeine*—the same drug found in coffee. She writes:

"My husband was sick for three years with catarrh of the bladder, and palpitation of the heart, caused by coffee. Was unable to work at all and in bed part of the time.

"I had stomach trouble, was weak and fretful so I could not attend to my house work—both of us using coffee all the time and not realizing it was harmful.

"One morning the grocer's wife said she believed coffee was the cause of our trouble and advised Postum. I took it home rather dubious what my husband would say—he was fond of coffee.

"But I took coffee right off the table and we haven't used a cup of it since. You should have seen the change in us, and now my husband never complains of heart palpitation any more. My stomach trouble went away in two weeks after I began Postum. My children love it and it does them good, which can't be said of coffee.

"A lady visited us who was usually half sick. I told her I'd make her a cup of Postum. She said it was tasteless stuff, but she watched me make it, boiling it thoroughly for 15 minutes, and when done she said it was splendid. Long boiling brings out the flavour and food quality." Name given by Postum Co., Battle Creek, Mich.

Look in pkgs. for the famous little book, "The Road to Wellville."

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

but if the conditions are very favorable, I would risk sowing the last week in August, not later in your section of the state.

A. M. TenEyck.

Sowing Cowpeas in Oats Stubble.

I have planted a piece in corn and cowpeas. I failed to get much corn on account of poor seed, but have a fine stand of cowpeas. How can I harvest them and save them? I planted Whippoorwill variety. I thought of disking up my oat stubble and planting to cowpeas. Will it be too late; if not how is the best way to plant them?—E. L., Homewood, Kan.

Cowpeas are best harvested for hay with the mower, with vine lifter and windrower attachments as described in the bulletin on cowpeas I am mailing you. With a favorable season you may produce a good crop of cowpea hay by planting in oats stubble, immediately after harvesting the oats. If the stubble is free from weeds, double disk and sow cowpeas with the grain drill at the rate of 3 to 4 pecks of seed per acre. Or plow shallow and harrow and plant as above.

A. M. TenEyck.

Sowing Wheat After Cowpeas.

I have 36 acres of wheat in one field that will head in next few days. I want to list this field in cowpeas for a hay crop and want to sow wheat in same ground after I mow the cowpeas. What variety of cowpeas would be best for me to plant?—A. F. H., Ingersoll, Okla.

Plant the New Era cowpeas or some other early maturing variety. It is not a practical method which you propose of growing an intermediate crop of cowpeas between the harvesting and sowing of wheat on the same field in the same year. If you grow the cowpeas after wheat harvest, better follow with some spring crop, preferably corn or Kafir.

If the fall is plenty wet, the method which you propose may work all right, but usually the cowpeas will be harvested late and the ground will be too dry to start wheat well. In case you grow the cowpeas as proposed and follow at once with wheat, do not plow after removing the cowpeas, but prepare the seed for wheat by shallow disking and harrowing.

A. M. TenEyck.

Getting Stubble Ready for Alfalfa.

Will it do to disk up wheat stubble after the wheat is cut and sow in alfalfa? Will it do to mix timothy seed with alfalfa so if alfalfa fails perhaps timothy will catch?—E. L., Homewood, Kan.

In a favorable fall a good seedbed for alfalfa may be prepared by disking wheat stubble immediately after harvest and then continuing the disking or harrowing as required to destroy weeds and conserve soil moisture, until time to seed alfalfa, about the first week in September in Franklin county. Do not loosen the soil too deeply, especially in the late cultivations. It may be better, if the soil is weedy, or too trashy, to plow shallow at once after harvest and give sufficient surface cultivation to destroy weeds and put the soil in good condition b. seeding time. Timothy and alfalfa make a good combination for hay and the plan which you propose may work all right.

A. M. TenEyck.

Listing Cowpeas With Early Corn.

I have 2 acres of good soil in wheat and want to plant cowpeas as soon as I cut it; that will be about June 28. Am thinking of listing them in with early corn; and am figuring on 1½ bushels of peas to the 2 acres. They will be the early New Era variety. My object is hay more than seed. Please tell me how deep I ought to list and will they do better with corn or without?—M. W. K., Abilene, Kan.

You may plant the cowpeas with the lister, using such plates and sprocket as will drop the seed 2 or 3 inches apart in the drill furrows. List rather shallow, about 4 inches deep, and run subsoiler 2 inches deep, covering the peas with about 2 to 3 inches of mellow soil. The cowpeas and corn planted together in the same row earlier in the season, about June 1, make an excellent forage crop. I have not tried late planting. But, if you can secure seed of early corn which matures in 90 to 100 days, such early corn planted with New Era cowpeas should mature well with the peas, and the combination crop will make twice the yield of fodder which may be returned from cowpeas planted alone.

The corn and cowpeas should be mixed in about equal parts by weight and planted together at one operation, the planter being arranged so that the peas will average 4 to 6 inches apart and the corn 16 to 20 inches apart in the drill furrows. I am mailing circular letter giving further information. Also mailing Bulletin No. 160, on cowpeas.

A. M. TenEyck.

Does the Work of 7 Men

The SANDWICH FARM ELEVATOR

Will store your SMALL grain FIRST and LATER crib your CORN at a profit. He is the national farm hand, the rational farm hand, that backs up anywhere and tackles anything. "Used my Sandwich on hard coal," writes Hugh McLean, of Neola, Ia. He elevates a 50-bu. load of grain in 3 to 5 minutes as much by test as 7 men with scoops working together.

Pays his own way and earns a handsome profit besides.

"My 11 year-old boy runs my Sandwich as easily as I can," writes J. F. Heiken, of Palmyra, Ill., "and my children husk nearly all my corn." The Sandwich saves the money spent for extra men and teams and adds 3c to 4c a bu. more profit to the earnings of the field.

The Sandwich Farm Elevator unlike the rest.

He has a chain-lightning motion and an over-head wagon jack that has no platform to stumble over but will dump your load in the hopper in a jiffy. His strong steel cable (not rope) can't shrink, and his special screen (closed tight when in use on small grain) will catch shelled corn and never waste a kernel.

Get this book free before you build. It is a brand new Sandwich Farm Elevator catalog that tells you the measurements of cribs and granaries, gives exact storage capacities and shows how to increase your net profit this year.

SANDWICH MANUFACTURING CO.
620 Main St. Sandwich, Ill.

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Warranted For Twenty-Five Years. To Any State East of Rocky Mountains, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY Weighs 35 lbs.,	108 Square Feet,	\$1.10 per roll.
TWO-PLY Weighs 45 lbs.,	108 Square Feet,	\$1.30 per roll.
THREE-PLY Weighs 55 lbs.,	108 Square Feet,	\$1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

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Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.

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Also Grand Free Prize Distribution—Piano, Gold Watch, Diamond Ring, etc. In Addition to Big Cash Salary!

We are just launching the greatest popular voting contest ever inaugurated by any farm paper in America. This contest is open to all who read this announcement and it is our plan to award \$5,000 in cash salaries to be distributed among all contestants. In addition to this we will give four grand prizes, consisting of a \$350 piano, a \$100 diamond ring, a \$50 talking machine, and a \$25 gold watch. Also many special prizes to those not receiving highest votes.

The awarding of these prizes

does not interfere in any way with the cash salary paid to each contestant. You may be the winner of the largest cash salary prize and you may also be the winner of the first grand prize—the \$350 piano.

We have awarded many thousands of dollars worth of valuable prizes in other contests conducted in the past and we can give you the names of hundreds of prize winners who will tell you that all of our contests have been conducted in an absolutely fair and square manner.

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Our Special Offer

Help us to spread the gospel of better farming by placing the Farmers Mail and Breeze in the hands of your friends and neighbors who are not now readers of the paper.

We will send the Mail and Breeze to new subscribers in Kansas or Oklahoma ten weeks for ten cents. For your trouble you may keep the dime collected on each order secured. Just send us the names and addresses. They must be names of farmers who live in Kansas or Oklahoma. No others accepted.

If you will send us 10 ten-week subscriptions and the \$1.00 collected we will extend your own subscription one year from date it is now due to expire.

CROPS and FARM WORK

Summer Weather is Making Corn Hump and is Favorable for Hay Making and Wheat Harvesting—Threshing Has Begun in Oklahoma—Reports of Wheat Yields are Asked For—All Growing Crops Making Fine Progress

(Crop Reporting Service of Farmers Mail and Breeze.)

The last 10 days marked the first real summer weather of the season, but it was just the kind most needed at this time. It made the corn hump, was tip top haying weather, and came just right for early harvesting. Some wheat has been cut in all parts of Mail and Breeze territory south of Nebraska, but harvest will not be on in good earnest generally until next week. Wheat improved right up to the last minute and J. S. Skolout of Rawlins county, Kansas, notes that fields almost dry enough to burn before the rains have come out again and will still make a fair crop.

Second to nothing, not even politics, is the interest centered about probable wheat yields. Shock threshing will be on in Kansas within a few days and we ask all our crop correspondents and anyone else who cares to do so, to report threshing records in their respective vicinities. Reporter Munro of Tillman county, Oklahoma, writes that threshing is in progress down there and wheat yields are ranging from 15 to 30 bushels per acre, while oats are making 20 to 40 bushels. J. W. Lyon of Alfalfa county, Oklahoma, reports new wheat as having started at 90 cents.

Corn cultivation will interfere with harvest somewhat this year as corn is from two to three weeks behind the season. However, with a dry harvest this will not affect either very much. Pastures, meadows and feed crops have shown new life since the rains and if present prospects hold up another eight weeks no feed shortage need be looked for in the next 10 months.

Kansas Fruit Prospects.

The June report of Secretary Walter Wellhouse of the Kansas Horticultural society shows fruit prospects to be the best since 1909 on all fruit crops except blackberries. The following table shows the June condition of fruit for three years:

	June, 1912.	June, 1911.	June, 1910
Apples	71	33	51
Pears	63	27	31
Plums	53	10	50
Cherries	60	36	51
Grapes	73	69	60
Strawberries ..	68	37	40
Raspberries ..	54	46	39
Blackberries ..	46	54	51

KANSAS.

Comanche County—Harvest began under favorable conditions and crop is promising. Kafir acreage increased about 30 per cent over normal. Corn shows a condition of 100 per cent.—S. D. Delair, June 22.

Ford County—Harvest will probably begin July 5. Some wheat shows rust. Spring crops doing fine but Kafir and milo need cultivation. Second alfalfa harvest will start next week.—G. D. Noel, June 22.

Kingman County—Harvest has begun and wheat will make a good yield. Corn rather late but promises a good crop if weather continues favorable. Oats will do better than expected.—E. C. Dafforn, June 23.

Seward County—Average rainfall over this county for June was 6 inches. Crops were never better but wheat blades are beginning to show rust. Harvest will begin about July 1. Grass is extra good and stock doing fine.—J. W. Rosson, June 22.

Harvey County—Recent rains have been good for oats as they would have been too short to bind otherwise. Corn shows a good color and stand of about 85 per cent. Fields are generally clean and bugs doing no damage.—H. W. Prouty, June 22.

Ness County—Weather the last two weeks has been ideal for small grain. Oats and barley are good and wheat is promising in south part of county but poor in north part. Harvest will be later than usual. Big feed crop out.—C. D. Foster, June 22.

Brown County—Oats are looking good and corn growing fine. Wheat is left looking well and harvest time is nearly here. Hogs are scarce here and not many spring pigs raised. Potatoes \$1.80, wheat 98 cents, corn 70, oats 50.—A. C. Dannenberg, June 22.

Stevens County—Owing to late rains wheat is not ripe yet and none will be harvested before the Fourth. Heads are filling out nicely. Crops are looking fine but some fields are getting grassy. Planting not finished yet. Eggs 11 cents, butter fat 22.—Monroe Traver, June 23.

Edwards County—Plenty of moisture and good crop growing weather. Harvest is on in river bottoms and wheat is good. On hard land cutting will not begin until after the Fourth. Corn and potatoes doing well. Feed crops good and oats and barley show a 100 per cent crop.—J. A. Baxter, June 23.

Pawnee County—Fine wheat weather but harvest is late. Ground is getting dry on hard land. Corn and Kafir making a good growth. Pastures and hay doing well. Alfalfa is very heavy. Hoppers are thick in young alfalfa. Wheat \$1.66, corn 82 cents, eggs 16, butter 20.—P. G. Haney, June 23.

Graham County—Crops are looking fine and wheat is about ready to harvest. About 65 per cent of acreage sown will average 10 bushels per acre. Corn doing well and potatoes are much better than usual. Shortage of cattle is noticeable in empty pastures. Grass is good and stock looks well.—C. L. Kohler, June 23.

Wyandotte County—Fine corn weather and the crop looks splendid. Harvest just starting with a good outlook for wheat. Potatoes show best prospects in years. Pears and plums will make a full crop and apples are good but no peaches this year. Small crop of raspberries and blackberries.—G. F. Esplenlaub, June 23.

Phillips County—Wheat keeps on improving and it is hard to tell what the harvest will be. The last two weeks have made such a change that people think we will still have a bumper crop. Corn prospects are good. The plants are small yet but show good color and fields are clean.—N. E. Schneider, June 25.

Finney County—Crops are growing fine since the rains through the middle of June. Irrigated wheat looks fine and some north-west of Garden City will make 30 to 35 bushels. The sugar company thinks beets show the best prospect in year. Range is better than for some years and stock is doing fine. Butter 20 cents, eggs 14.—Frank Coen, June 24.

Rawlins County—Rains of the last two weeks brought wheat out wonderfully. Fields that were almost dry enough to burn will still make a fair crop. Barley and oats are excellent. Corn growing fine. Hay making is the order now. Potatoes look extra good. North part of Rawlins county will need about 1,000 harvest hands.—J. S. Skolout, June 23.

Woodson County—Crop prospects are good at this date but behind in season. Wheat well filled and looks the best in years. A shower will soon be needed. Pastures fine and cattle doing well. Prairie will make heavy hay crop. Some hay presses already started. Hay \$10 to \$12 but coming down every day. New potatoes \$1.75.—E. F. Opperman, June 23.

Morris County—Corn has been growing rapidly but is still small for the time of year. Not much will be laid by before the Fourth. More Kafir and cane and less corn planted this year. Second crop is good. Wheat has been damaged some by bugs which are now going into adjoining crops. Good many cows planted this year.—J. B. Henry, June 23.

McPherson County—Wheat harvest began this week. The crop is very spotted. Second alfalfa crop being harvested is not quite so good as the first. Corn backward but exceptionally clean. Pastures good and prairie meadows promising. Some complaints of bugs. Oats are promising. Hog cholera reported from near Lindsay. Some broom-corn planted.—John Ostling, Jr., June 26.

Neosho County—Wheat harvest almost over but yields will be light on account of chinch bug damage. Corn small for the time of year but is clean and looking well. Oats and flax look like good crops.—E. W. A. Coen, June 23.

Nemaha County—Wheat harvest will begin here July 2 and promises about half a crop in quantity but will be of good quality. Corn small but clean and has a good color. Moisture is needed for corn, oats, and potatoes. Second alfalfa harvest will begin next and will make a fair crop.—C. W. Ridgway, July 1.

OKLAHOMA.

Rogers County—Fine growing weather. Corn is laid by but lots of it still small. Plenty of moisture now but before the big rain last week gardens and potatoes had suffered.—A. Cochran, June 23.

Alfalfa County—Harvest is in full blast and wheat is good. Oats filling well but straw is short. Corn and Kafir doing well. Stock doing well on pasture. Hogs scarce and high. New wheat started at 90 cents.—J. W. Lyon, June 27.

Tillman County—Wheat threshing is the order of the day and yields range from 15 to 30 bushels. Oats are making 20 to 40 bushels. Second alfalfa crop was good. Peaches are abundant and selling at 50 cents per bushel. Wheat 90 cents, oats 38.—D. B. Munro, June 23.

Woodward County—Crops are in fine shape and have an abundance of moisture in the soil. Harvest is on but has been delayed by frequent showers. Some wheat fields fine but others on stalk ground are poor. Straw is short.—Geo. L. Boswell, Jr., June 24.

Lincoln County—Weather hot but plenty of moisture in the ground. Much of second cutting of alfalfa was damaged by rain. Wheat good but oats are short. Early corn has roasting ears and will make bumper crop. Large acreage of Kafir and milo out. Peaches and apples plentiful.—J. B. Pomerooy, June 23.

OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 25 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 4 of these trial orders and the \$1.00 collected we will extend your time 1 year.

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For revision of taxes downward—on city, county and township as well as state taxes.

For the strictest economy in public expenditure—a dollar's worth of service for every dollar of the people's money.

For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give jobs to political leeches and grafters.

For the civil service and merit system in the transaction of all business of the state.

For consolidation of boards and other public offices wherever possible.

For salaries for county officials instead of the present fee-grabbing system.

For a more efficient primary law, including a presidential preference, and the fullest publicity to campaign expenses and contributions, and the elimination of the slush-fund in politics.

For government by the people and not the bosses, the politicians and favored special interests.

For the election of state and county officers for a term of four years, subject to recall, and making state officers ineligible for more than one term.

For the election of United States senators and all officials by direct vote of the people, for the non-partisan election of judicial officers and for the equal suffrage amendment now before the voters.

For abolition of life terms of office of federal judges and substitution thereof of limited terms.

For an amendment to the present inheritance tax law, exempting all direct heirs for at least \$25,000.

For the state publication of school books and distribution to patrons at actual cost.

For the Initiative, Referendum and Recall.

For a practical, sensible good roads law, that will do away with the wastefulness and inefficiency of the present system.

For the assessment of real estate every four years, and abolishment of the office of county assessor, except in counties where the office is created by vote of the people.

For less technicality and speedier justice in courts.

For legislation to increase the efficiency of the rural and grade schools.

I am opposed to the resubmission of the prohibitory amendment and am for the strict and impartial enforcement of the prohibitory law and all the laws of the state without fear or favor, for rich and poor alike.

For a law to give to a convict's dependent family a portion of his earnings while in the penitentiary.

For more farmers and business men and fewer lawyers and politicians for legislative work.

There are too many useless and foolish laws in this state. I favor their repeal or revision.

I favor prison for the big thieves as well as the small ones, and am opposed to paroles for bankers.

For substantial tariff reductions to the lowest basis that will support the American standard of wages.

For a law that will effectively stamp out the white slave traffic.

For public officials who respect their oath of office and who regard their campaign promises as a binding agreement with the people who elect them.

If you believe this is a platform farmers should vote for and support I shall be glad to have you mark it or clip it from the paper and hand it to your neighbor.

Arthur Capper



Dairy Farming

CONDUCTED FOR FARMERS MAIL AND BREEZE BY A. G. KITTELL.

This department aims to be a free-for-all experience exchange for our folks who keep milk cows. We are glad to hear from you often. A Mail and Breeze subscription and other prizes awarded each week for helpful or interesting letters or bits of dairy news.

Separating cold milk means a loss of cream.

When cream appears moldy on the surface it is overripe.

In hard times or prosperous years the man with a few good cows is well insured.

Guessing at the quantity of salt to put in butter is a little risky. An ounce to the pound is about the right proportion.

Strips of cane sown at intervals, near the cow lot, will come in handy when pastures fail in early fall.

There is still time to put out a crop of roots for cow feed next winter. Rich light soil is the best place for them.

From 10 to 50 per cent of cream is lost by "setting" milk in pans, say the experimenters.

Get a die and stamp your initials on the cream or milk cans. Paint will rub off in time.

A good cream separator with several good cows will soon abolish a mortgage. —A. B. Long, Toronto, Kan.

Butter for market wrapped in paper will always get the edge in price and the expense is trifling. A quarter buys a big batch of butter paper.

To cure scours, I hold the calf's mouth open and break an egg in it, allowing it to run down its throat. I usually give two eggs in the morning and one at night, for two or three days. —S. B. Shelley.

Iowa Dairy Show for 1912.

This year's Iowa Dairy Show will again be held at Waterloo. Indications are that the show will become a fixture at Waterloo where \$25,000 has been raised for permanent grounds and buildings to house it. The show will be held during the week of October 14. The convention of the Iowa State Dairy association will be held at the same time and the show will be conducted under the auspices and with the co-operation of the association. Hugh G. Van Pelt of Waterloo is secretary of the show.

Preventives for Calf Scours.

[Prize Letter.]

Mr. Editor—Why let the normal calf get the scours? There are many causes which may easily be avoided. Let any change of feed be gradual and do not let the milk vessels become sour or unclean. It is best to use seamless vessels and to clean them thoroughly after each feed. Sunshine is a great cleanser. Too much feed is another cause of scours and it is better to give the same amount of feed oftener. Study each calf as one may need a great deal more feed than another.

Irregular feeding and carelessness as to the temperature of the milk also cause trouble. Better to have the milk a little warmer than normal than feed it too cold. Clean quarters with plenty of exercise in the sunshine and fresh air go a long way toward keeping calves in

good condition. We must not forget that the calf is a baby. It should therefore be treated kindly and not kicked and cuffed about because it is awkward.

Our calves seldom have trouble with scours. We try to prevent scours rather than cure them by giving a raw egg in the milk now and then or occasionally bringing the milk to a boil and stirring in some flour. We don't wait until the calves are sick before using these preventives. Harry Ferguson.

R. 5, Winfield, Kan.

Two Seasons With a Silo.

[Prize Letter.]

Mr. Editor—I have had a silo for two years and I can't, for the life of me, see why farmers should want to feed cattle, especially dairy cattle, without them. In 1910 I put 12 acres of heavy bottom land corn into mine and we started to feed silage November 1. We then had 15 head of cattle to feed and later in January as high as 23 head. From the time we began feeding them not one of them missed a feed until the middle of last August.

I have a 150-ton silo and last year it took 20 acres to fill it as the corn was not as good as usual. This season we have been feeding 20 head of registered Holstein cattle and they get all the silage they want. During January last we sold cream to the amount of \$65 besides making butter for our own use and using cream on the table. We were milking 10 cows then.

Besides feeding silage to brood sows and chickens we gave it to our horses and mules. After wheat seeding last fall our horses were very thin from hard work. We turned them into the lot, fed them silage, and in about three weeks they had put on about 50 to 75 pounds of weight each. Their coats became nice and smooth meanwhile. The

Hands are only worth an ordinary day's wage, but there is no limit whatever to the value of a real, nice, smooth-working thinking apparatus. —Joe Waters.

only objection was that they appeared a little soft when working them.

In addition to the silage we fed our cows 5 pounds of corn chop each per day and a little timothy hay. Our silo was the biggest help on the place last winter. While neighbors had to go out and pull fodder from the snow with the temperature at 15 below zero, we could go into the silo and do our feeding in 20 minutes. Ben Schneider.

Nortonville, Kan.

Why the Fall Fresh Cow?

[Prize Letter.]

Mr. Editor—There are several reasons why cows should be bred to have them come fresh in the fall or early winter. Farmers then have the time to give cows and calves the proper care. During the winter time both butter and butter fat are higher and are more easily handled than in summer. That is the time it will pay best to have the cow at a maximum flow and by the time she begins to decline spring and fresh grass will stimulate her production again. The calves also fare better. Grass in spring comes just as they are ready for a rapid growth and by fall they will be just as good as those allowed to run with their dams all summer. This way of doing also gives relief to the cows when most needed since they will be dry when pastures usually are short and flies at their worst. Arnold Schuetz.

R. 5, Humboldt, Neb.

Organizing for More Profit.

Cow testing associations are increasing in number each year as their benefits become more generally known. There are now 85 of these associations in 20 states. Their work was recently investigated by the government and the resulting report given out was very flattering to them. In one association the profits of the members had been doubled four years after organizing. The first month of keeping records in this association showed one man with eight cows that he was losing 5½ cents per cow per month on an average. Three months after making this discovery his profits had reached \$32 per month for the herd and at the end of the year this had been increased to \$50. This increase was due largely to the sale of five of the poorest

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SAVE MUCH TIME AND LABOR IN SUMMER

Besides their great increase in quantity and improvement in quality of cream and butter DE LAVAL cream separators save a great deal of time and labor.

This great saving of time and labor counts for more in summer than at any other season and often alone saves the cost of a separator, aside from all its other advantages.

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As compared with other separators the DE LAVAL saves much time and labor by its greater capacity, easier running, easier handling, easier cleaning and freedom from need of adjustment or repair.

These are merely some of the advantages which make a DE LAVAL cream separator the best of all summer farm investments, as every DE LAVAL agent will be glad to explain and demonstrate to anyone at all interested.

See the nearest DE LAVAL agent at once or if you do not know him write us direct for any desired information.

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cows for which he substituted better producers. Changes in feeding methods also were responsible for the change.

Each of these associations engages a man who knows his business to visit each member's herd at stated intervals, to test the cows for production and advise with the owner as to best methods of feeding and care. The tester keeps a full record and is prepared to tell what each individual in a herd is doing. The use of purebred dairy bulls is encouraged and often three or four members will co-operate in securing a good sire for their several herds. Then by exchanging bulls with other members too much inbreeding is prevented.

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The Farmers Mail and Breeze Until January 1, 1913, for Only 25 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 25 cents in stamps and get the big farm paper every week from the time your order reaches us until January 1, next. Regular price \$1.00 per year. Tell your friends about this special subscription offer. If you send in a list of four, with a remittance of \$1.00, we will give you your own subscription for your trouble. Send at once and get the full benefit of this special low offer.

The Great Guernsey "MARION OF THE GLEN" and Her Twin Calves.



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The full pan contains the disks taken from one of the thousands of separators which have been replaced by Tubulars. They tire a woman and try her patience; they rust, wear loose, eventually give cream a metallic or disky flavor, and waste cream in the skimmed milk.

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What a difference! Take your choice, of course, but remember that mistakes are unpleasant and costly and must eventually be corrected. Why not ask those who have discarded other separators for Tubulars? Their advice is valuable; they have paid good money for experience—they know the difference.

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Poultry Keeping

CONDUCTED FOR FARMERS MAIL AND BREEZE BY REESE V. HICKS, PRES. AMERICAN POULTRY ASSOCIATION.

We want you to talk chicken with us. Good short letters on poultry matters especially welcome. A year's subscription to Farmers Mail and Breeze is awarded each week for the most helpful bit of poultry experience and for second and third best contributions subscriptions to other useful publications.

Milk and corn meal makes a fine forcing feed for fies.

A good time to cull out inferior birds is when the market is up.

When chicks stand around listlessly and peep, lice are very often to blame.

Wet mashers are better for fattening fowls because they are more easily digested than dry feeds.

The work of lice is often mistaken for disease. When a fowl seems to be ailing look for lice first.

Less corn or Kafir in the feed as the weather gets warmer will keep hens from getting fat and lazy.

Chicks at 10 weeks old are ready for the broiler market and they ought to weigh 2 pounds by that time.

A good grain mixture for chicks is made up of 2 parts cracked corn, 2 parts wheat, 2 parts Kafir and 1 part millet.

Crude Oil Is Hard on Lice.

[Prize Suggestion.]

Mr. Editor—We buy crude oil at the gas works for 10 cents a gallon which we have found very effective for lice as well as roup. We clean the house out thoroughly then use an old paint brush to paint roosts and walls with the oil and also sprinkle it on the floor. When there is roup in the flock we go over the house in this way once or twice a week, but for lice alone once or twice a month is sufficient. This remedy is an old standby with us.

Mrs. J. H. Benson.

Castleton, Kan.

Feeding to Avoid Bowel Ills.

[Prize Letter.]

Mr. Editor—I think I have at last found a way to prevent bowel trouble or white diarrhea in chicks. I never feed them until 48 hours old then I give them some prepared chick food for their first meal, as much as they will clean up. Then I give them milk or water in which rice has been boiled, but no clear water. Every other day I sprinkle a little nutmeg on the rice water. I wash the vessels before using them every time. They are given dry feed five times a day. I continue this method of feeding until the chicks are about 2 weeks old.

J. A. Davis.

R. 5, Ft. Scott, Kan.

FREE TO POULTRY RAISERS.

Great Book of Money-Making Poultry Secrets—Given to Mail and Breeze Readers.

The well-known poultry authority, Mr. Reese V. Hicks, has written an intensely interesting and practical book that should be in the hands of every person interested in raising poultry for profit.

This book is "Tricks of the Poultry Trade"—the one different, desirable poultry book of the year. Among the many valuable secrets found only in this book are the following: Three methods of selecting the laying hen; A sure and certain method of selecting eggs for hatching; How to raise 500 chickens on a lot 30 by 40 feet; How to build a natural hen incubator; How to build feed hoppers and fireless brooders; How to make feed at 10 cents a bushel; How to make winter egg ration, poultry feeds and tonics, egg preserver, louse killers; How to grow pullets that lay young and make a large egg yield; How to handle incubators to best advantage; The trick of securing more pullets than cockerels; How to tell age of eggs and fowls; How to prevent lopped combs.

All these and many more subjects—too numerous to mention here—are fully covered in this great book. It is big value for two dollars of anybody's money—but we're giving them away FREE on this plan: We will give you one year's subscription to Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best poultry journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Arthur Capper, Publisher, Topeka, Kan.

Big Land Opening, Kentwood, Louisiana, Sept. 20, 1912

THE SOUTH CALLS FOR MORE MEN!

The richest and most productive section of America offers amazing opportunities to the Northern farmer—a better reward than your father ever enjoyed. Do you want a productive farm in the high, well-drained Ozark Belt of Louisiana, where two and three crops can be raised a year?

THE BROOKS-SCANLON LUMBER COMPANY and the KENTWOOD AND EASTERN RAILWAY will open up 10,000 acres of their range land holdings for settlement September 20 on the easiest terms ever offered the farmer.

This land will produce big crops of Corn, Oats, Hay, Grass, Vegetables, Berries and Fruit.

We are lumbermen and railroad men and anybody familiar with the lumber industry knows that immense tracts of land with the growing timber must be bought years in advance of the sawing. We not only own a large body of land in Louisiana, but we own bodies of timber and land in Florida, Oregon, Minnesota, British Columbia and the Bahama Islands, and our interests extend to many parts of the world.

We are absolutely responsible and our interests are worth millions of dollars, as you can ascertain through any channel to which you may seek to apply.

In transporting the timbers from the forests to Kentwood mills it was necessary for us to build 59 miles of railroad. Twenty-seven miles of the Kentwood & Eastern is standard gauge railroad and operates passenger and freight trains twice a day in each direction, and it is our purpose to increase the value of the railroad by actual colonists as much as to sell the land that we are making this extraordinary offer.

What we need now is the man that needs a home, and is not afraid of work. We have ample capital and can carry the payments and give an opportunity to the man who has but very little cash but plenty of ambition and energy. We will positively, under no circumstances, allow anyone to secure a tract of land in this first allotment who will not agree to settle on or work the land within one year from date of purchase.



We raise corn here that will make you open your eyes, John H. Henry, Jr., Monroe, La., raised 150% bu. of corn to the acre. Can you beat it?

NO SWAMPS FLOODS MALARIA MOSQUITOES

HERE IS THE BEST PLACE IN AMERICA FOR A POOR MAN TO GET A FARM. KENTWOOD, LOUISIANA.



We Guarantee These Lands. Your Money Back if You Cannot Make It Go.

And now for the Gulf Coast of Louisiana, the last and best farming country of them all, where two and three crops can be realized a year, where mild winters and enjoyable summers obtain, where a poor man stands a show, where the thousands of farmers will come in the near future.

Make up your mind to come to this opening—10,000 acres of guaranteed land, as fine as lays out of doors to be settled by actual farmers on terms never before offered in this country.

No need to rent any more—here's your opportunity for a real farm in a real country. We will run our own special train September 17th. Remember this is great corn, oats, hay, vegetable and fruit lands. If you are willing to work you can be independent in a short time if you get one of these farms.

Write for Booklets, Maps, Photos, etc., to
C. H. MCNE,
Land Commissioner
Brooks-Scanlon Company,
Kentwood & Eastern Railway,
KENTWOOD, LOUISIANA

EXCURSION SEPTEMBER 17.

What we will do for our settlers. We furnish a demonstration farm and an expert Southern farmer who will plant any variety of crop that you may designate as an experiment; who will give you expert advice at any time free of charge.

We will furnish you lumber for building material right from our mill on the ground at wholesale prices. If you fall ill or something goes wrong, we will extend your payments.

In case of death after one-half of the payment has been made on the property, we will give a warranty deed without further payments to your heirs.

We will guarantee that your crops will make you a profit in twelve months' time if worked under the directions of our expert or refund you every penny you have paid us on your farm, plus six per cent interest.

This in itself shows that we have the greatest confidence in the world in our land.

We know it will yield almost any crop that can be grown in a semi-tropical country, that the land is rich and that the average farmer cannot fail if he will use his head and his hands.

We could not afford to put a guarantee of this kind behind our proposition if we did not know the great majority of American farmers could more than make good. You cannot lose. We take all the risk.

CUT OUT THIS COUPON.

Mr. C. H. McNe, Kentwood, La.
Please reserve space for me on your special train Sept. 17, 1912.

Name.....

Rural Route.....

City..... State.....

Reliable Poultry Breeders

PLYMOUTH ROCKS.

THIRTY EGGS five dollars. Duff's Barred Rocks, Larned, Kan.

BUFF ROCKS—Write me today for list. William A. Hess, Humboldt, Kan.

BUFF ROCKS hens for sale. Must have more room for my growing stock. Young hens \$1.00 up. William A. Hess, Humboldt, Kan.

BARRED ROCK bargains for two weeks. Eggs, 15, \$1.00; 60, \$3.25; 100, \$5.00. Babies, 12, \$2.00. Breeders, either sex, \$1.00 each and up. Mrs. D. M. Gillespie, Clay Center, Kan.

LEGHORNS.

PURE Brown Rose Comb Leghorns. Eggs 3 1/2 cents each. Laura A. Hazen, Hollis, Kan.

GUARANTEED thoroughbred pure white S. C. Leghorn hens \$10.00 per doz. Cock birds at reasonable prices. J. A. Blunn, Sta. A, Wichita.

WYANDOTTES.

BUFF WYANDOTTES—Eggs and baby chicks from the finest lot of breeding stock we have ever mated. Mating list furnished on application. Baby chicks, \$3.00 a doz., eggs, \$2.50 per 15. Two sittings \$4.00. Prices cut in half after April 20. Wheeler and Wylie, Manhattan, Kan.

RHODE ISLAND REDS.

ROSE COMB RHODE ISLAND REDS—My 2 pens next 60 days reduced to \$1.00 15 eggs. Frank Tuttle, R. 2, Chanute, Kan.

LANGSHANS.

BLACK LANGSHANS—Eggs from pens scored cockerels \$1.50-\$2.00; range \$1.00. John Bolte, Axtell, Kan.

DUCKS.

INDIAN RUNNER duck eggs, \$1.00 per thirteen. G. Richmond, Alma, Kan.

SEVERAL VARIETIES.

THOROUGHBRED hens, cockerels, Runner ducks. Dollar each. Jordan Poultry Farm, Coffeyville, Kan.

43 VARIETIES, poultry, pigeons; cut prices on stock and eggs. Catalogue 3 cents. Missouri Squab Co., St. Louis.



This is the Elburn H-2 The Best Piano Value Ever Known for Only \$225 \$6 Monthly

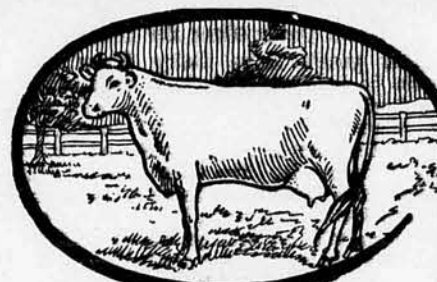
Stover, Mo., March 23, 1912.
Gentlemen—The Elburn received today. I wish to thank you for extraordinary treatment.

The piano far exceeds my expectations. This is the second piano I have purchased from the Jenkins Music Co., and I am extra well pleased.

Wishing you success, I am,
(Signed) LUTHER W. TAYLOR.

Remember we always have on hand many bargains in Used Pianos of famous makes. Write today.

J.W. JENKINS SONS' MUSIC CO., KANSAS CITY, MO.



Any Ordinary Cow Can Earn \$6 a Month, the Amount It Would Take to Buy This Magnificent Piano.

Just think, only one of your cows would furnish the small sum required to buy an Elburn. Practically no sacrifice at all. And the pleasure the piano would bring into your home would be worth twenty times this insignificant sum. Let us send you an Elburn on free trial. You won't need to pay a cent unless you are entirely satisfied with it. If all of your friends don't say it is one of the handsomest pianos they ever saw and is worth every cent we ask you can send it back. We'll stand all of the expense.

We have hundreds of letters like the one quoted in this advertisement. Piano experts all over the country have congratulated us on being able to sell such a piano for so little.

Remember we always have on hand many bargains in Used Pianos of famous makes. Write today.

\$29 50 Buys This Elegant Top Buggy.

Retail Price \$60.00. Buggies, Surreys, Spring Wagons, Farm Wagons. We have cut out our Jobbers, our Wholesalers and our Retailers and offer YOU their profit. Write today for our

Free Catalog and Delivered Prices.

Mutual Carriage & Harness Mfg. Co.
Station 38M, East St. Louis, Ill.



VETERINARY ADVICE

Conducted for Farmers Mail and Breeze
BY DR. F. S. SCHOENLEBER,
Professor of Veterinary Science
Kansas Agricultural College.

Our readers are invited to consult Dr. Schoenleber in an advisory way in case of trouble with livestock. Be sure to state the history of the case, location of the disease and the conditions under which animal has been kept. If a horse state weight. Also write across the top of your letter to be answered in Farmers Mail and Breeze and always sign name in full. Unsigned inquiries will not be answered. Answers will be published in turn.

Frozen Hog Dip.

I had 5 gallons of Columbia hog dip freeze for me last winter. Will this damage it for use?—W. G. V., Vesper, Kan.

Freezing should not injure this material.

Healthy Milk.

I have a fine milk cow that had a lump form on her jaw and I had the veterinarian cut it out as soon as noticed. It is healing up and will soon be well. Would you advise using her milk when she is fresh?—W. B. D., Lamar, Mo.

If the cow is otherwise healthy, I see no reason why her milk would not be wholesome.

Barren Heifer.

I have a heifer that will be 2 years old in May that comes in heat at 14 days regularly. Have bred her several times but can't get her with calf. Have been told she is a barren calf. What is your advice?—C. L. S., Atchison, Kan.

In all probability there is a diseased condition of the genital organs present, which I doubt can be cured.

Skin Disease or Parasites.

I have some shoats that are about 6 months old that seem to be stiff in all their joints, their skin is sore and scabby, and they just lay around and won't eat. They get poor and die in three or four weeks. When dead they have spots on their bodies that appear bloodshot. What is this disease and how can I cure it?—A. C. T., Renfrow, Okla.

Would by all means dip these pigs two or three times about 10 days apart. Would also thoroughly disinfect the pens. If possible would change the feed somewhat but it looks like a skin disease and probably nothing short of dipping would help them out a great deal. Would also examine some of these post mortem and find out whether they have any internal parasites.

Gelding Out of Condition.

I have a horse, 5 years old and weighing 1,200, that lies down at night much more than is necessary. He does not masticate his food thoroughly and I think he has indigestion. During the past winter he got very thin, so had his teeth filed out. That helped him to eat better but did not improve his condition. What would you advise?—R. C. P., Pleasanton, Kan.

Would give this horse 1 teaspoonful of tincture of nux vomica once per day for about 10 days, then give a teaspoonful of powdered nitrate of potash in his feed for another two weeks. It might be well to have a veterinarian examine him at once to see exactly where the trouble might be, as it might be a cause of saving the life of the animal. There is no doubt but what there is considerable infection present.

Ailing Brood Sow.

I have a year old sow that had 5 pigs February 28. She was fed dry corn, wheat shorts and slop from the house. When the pigs were 5 weeks old she acted as though she was foundered. She would lie on her belly with feet under her all the time. She gradually grew better in her front feet but her hind feet are about useless. Am now feeding alfalfa, a little soaked corn, and slop from the house. What is your advice on this case?—C. H. W., Lyons, Kan.

The trouble no doubt was originally caused from indigestion although it may be that the nervous system is affected and this may be the result of tuberculosis or some parasitic trouble. Would feed about 1/2 teaspoonful of powdered sulphate of copper in the swill about once per day to each of these grown animals and would scatter quite a little air slaked lime around in the pens and encourage the animals to eat some of this.

Naval Infection.

I had a colt foaled in February that never seemed right and when 7 days old it developed naval infection. It settled in both hind legs and the swelling has not gone down very much yet. I thoroughly disinfected the stable after that but another colt foaled in the stable and two in the pasture, all took it. I corded the navel of the last colt and painted it with iodine but it did no good. The mares were in good shape and I

keep stables as clean as possible. I lost a colt with this trouble two years ago and last year another had the disease. Is there any way of preventing this infection?—E. M. B., Clearwater, Kan.

It looks as though where this disease has gained such a foothold that it cannot be eradicated without treating the mares before foaling and possibly the colts when very young. It seems that you did all that can be done in this case and I would suggest that another year you take the matter up with your veterinarian early in the winter in order that he may make arrangements to use some bacterin made especially for this trouble.

Running Sore.

I have a mare with a sore on her leg since last July. It is just above the knee and as big around as a quart can. It runs awhile then heals up and leaves a greasy place. The discharge is a yellowish matter. What is it and what can be done for it?—N. S., Zenda, Kan.

Would give this mare in her feed 1/2 ounce of Fowler's solution of arsenic once per day for about 10 days then increase the dose gradually for another 10 days up to an ounce. Would then give an ounce of it every day for about 3 days and gradually reduce the dose again to 1/2 ounce at the same ratio. Would not feed this longer than about 5 weeks from the first dose. At the same time would moisten the sores once per day with a little pure fluid extract of echinacea. Would see that she was kept out of bad weather and dust and that her bowels and kidneys are kept in good condition.

Joint Troubles or Kidneys.

I have a pony mare that became lame in the hind legs about two months ago. The hock joints were swollen but that soon went down. She is now drawn up in the back part of the abdomen, much more so on the left than the right side. There is no soreness anywhere. I fed her alfalfa hay during the winter. She eats fairly well but stands around most of the time. What can be done for her?—J. K., Smith Center, Kan.

You are not specific enough in your description but if the trouble was in the hock joints a little stimulating liniment could be rubbed in around these joints but if the trouble was primarily in the kidneys caused from feeding too much alfalfa hay of course the treatment should be directed to this. If the kidneys were over stimulated and there is still some congestion present, about 1/2 ounce of liquor citrate of potash given once a day for a week or 10 days should help relieve this trouble. If the animal is valuable, a good suggestion would be to consult your local veterinarian.

Defects At Birth.

I have an 8-year-old mare that has lost her colts the last two years, one living 4 days and the other 2. They were mature and able to get up and drink but they never lived up and seemed sluggish. They appeared to be bound up in the bowels and their urine was bloody. This mare had two colts before which were well and strong and one of them was from the same jack as the two that died. All were male colts. —W. A. W., Denison, Kan.

Very frequently in such cases the colt is not normally developed. The trouble may be in the bowels not being properly united to the rectum, or it may be that the bowels don't act as they should, in which case the injections of raw linseed oil or castor oil, to which has been ad-

ded say a tablespoonful of pure glycerine alternating this with soap suds, should help. This should be given every 4 to 6 hours until conditions are natural. If the bladder is at fault sometimes we find that the natural channel is not open and that the urine will pass out through the navel, in which case it may or may not contain blood. Treatment for this would depend entirely upon the exact trouble. If the mare were properly fed beforehand, and given regular exercise, there is no reason why she should not breed regularly and raise her colts.

VACATION EMPLOYMENT

Money-Making Work for Teachers, Students and Others During the Summer.

If you are hunting something to do this summer that will mean money-making employment, let us tell you about the \$5,000 cash salary contest open to all readers of this paper. It is an unequalled opportunity for school teachers and students to earn from \$300 to \$500 or more during summer vacation. Also to participate in a grand free prize distribution—piano, gold watch, diamond ring, etc., in addition to big cash salary.

This contest is open to all who read this announcement and it is our plan to award \$5,000 in cash salaries to be distributed among all contestants. We will give four grand prizes, consisting of a \$350 piano, a \$100 diamond ring, a \$50 talking machine, and a \$25 gold watch. Also many special prizes to those not receiving highest votes.

The awarding of these prizes does not interfere in any way with the cash salary paid to each contestant. You may be the winner of largest cash salary prize and you may also be the winner of the first grand prize—the \$350 piano.

You do not risk one cent. We furnish full particulars and detailed information absolutely free and every prize we offer will be positively awarded at the close of the contest on September 15, 1912.

The contest is just now starting and every one has an equal chance. If you want to know the full details send your name and address at once. Contest Manager, Mail and Breeze, 11 Copper Building, Topeka, Kan.

SAVE-THE-HORSE

(Trade Mark Registered.)



Put Horse to Work and Cure Him

WE Originated the Plan of Treating Horses by Milk-Shake. Signed Contract to Return Money if Remedy Fails. OUR CHARGES ARE MODERATE. But first write describing your case, and we will send you—BOOK—Sample Contract, and Advice—ALL FREE to Horse Owners and Managers.

Write—so there is nothing so costly as delay.

TRY CHEMICAL CO., 15 Commercial Ave., Manhattan, N.Y. Druggists Everywhere sell Save-The-Horse with contract, or sent by us Express Prepaid.

Shoo-Fly

Keeps flies and other insect pests off of animals—in barn or pasture—longer than any baiting. Used and endorsed since 1885 by leading dairymen and farmers.

\$1 worth saves \$20.00 in milk and flesh on each cow in a single season. Heals sores, stops itching and prevents infection. Nothing better for galls. Kills lice and mites in poultry houses.

SEND \$1, enough Shoo-Fly to protect 200 cows, and our 3-tube gravity sprayer without extra charge. Money back if not satisfactory. Write for booklet, FREE. Special terms to agents. Shoo-Fly Mfg. Co., Dept. N, 1310 N. 10th St., Minn.

Editor knows from experience that Shoo-Fly is O.K.

Hay Stacker Buyers

If you want the strongest, most practical machine on the market, write us today. We can save you money. SUNFLOWER MFG. Co., Box M, Manhattan, Kans.

48-Inch BLUE BEAD CHAIN 2c

We have purchased a very large quantity of beautiful Blue Bead Chains which we are giving away to the readers of this paper. The chain is 48 inches (4 feet) long, is decorated with two claspers of large beads in three colors and has spring clasp for attaching watch, fan, purse or locket. We will send one of these chains free and postpaid to all who send 2c for postage and 10c additional to pay for a three month subscription to our big fancy work, home and action magazine. Send your name and address with 12 cents. Address Household Magazine, Dept. BC-13, Topeka, Kan.

Kansas and Oklahoma Farm Bargain. William Godby of Arkansas City, Kan., dealer in southern Kansas and Oklahoma farm lands, has an advertisement in this issue under Kansas lands that is certainly a bargain. Considering the fact that farm lands in this section are continually on the increase the 408 acres described at \$55.00 per acre is a bargain. Mr. Godby refers to any of the four banks in Arkansas City as reference for fair dealing. Write for complete list of bargains.

HOOSIER GRAIN DRILLS

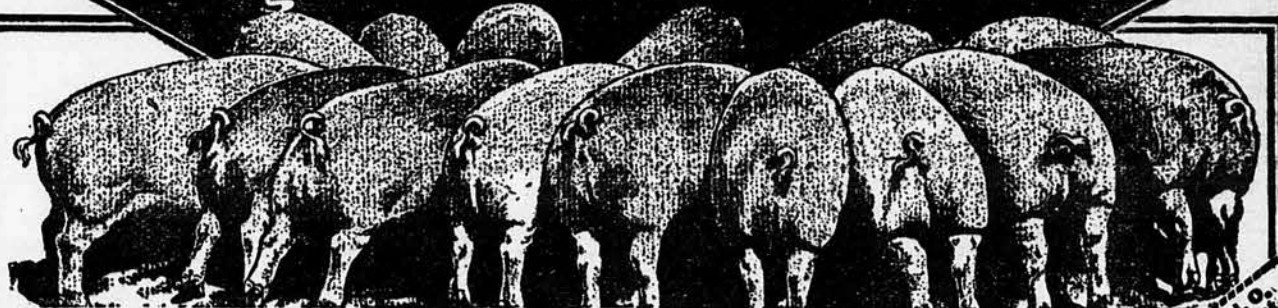
"Use the HOOSIER when you Plant—Find a better Drill; you can't."

There's a heap of truth in that statement. Take the long record of uninterrupted successful manufacture extending over a period of more than a half century, and the tens of thousands of satisfied users in all parts of the world. Then take the increased number of machines manufactured and sold every year. Surely Hoosier Drills are right.

Hoosier Drills are made in every style and size—Single and Double Disk, Hoc and Shoe, Plain and Fertilizer. They have absolute Force Feeds—machines for every grain-growing country in the world. Sold under a warranty that protects the purchaser. Send for Catalogue. Then go to your dealer and insist on seeing the Hoosier Drill.

The American Seeding Machine Co.
INCORPORATED
Richmond Indiana U. S. A.

Pigs Without Worms



I'll Stop Your Losses from Worms—I'll Prove It 60 Days Before You Pay

Little pigs only a few weeks old are often found loaded with worms. Hogs of all ages suffer from these deadly parasites. Then cholera, swine plague and other contagious diseases get in their destructive work. Stock troubled with worms don't thrive; they cough, have fever, act dull, and don't gain a pound. Your feed is wasted; your profits are stolen. Your animals frequently die, causing total loss of many dollars. I'll stop all this quick with Sal-Vet, the great worm destroyer and conditioner. I have done it for thousands of others. I'll do it for you, before you pay me a penny, if you will just send me the coupon.

Prices 40 lbs. \$2.25, 100 lbs. \$5.00, 200 lbs. \$9.00, 300 lbs. \$13.00, 500 lbs. \$21.00. No order filled less than 40 lbs.

S. R. Fell, Pres. THE S. R. FELL CO., Dept. F M B Cleveland, Ohio

Read This Letter:

"Have fed Sal-Vet to my hogs and lost none. Neighbors both sides of me, east and west, have had cholera bad. One west of me, on adjoining farm, lost about forty hogs and pigs with cholera; the one east, on adjoining farm, lost all he had, excepting four."

A. J. HOFFMAN, Leipsie, Ohio.

Send No Money—Just the Coupon

If you will fill out the coupon—tell me how many head of stock you have—mail it to me, I'll ship enough Sal-Vet to last them 60 days. You simply pay the small freight charge when it arrives, and when the 60 days are up report results. If it does not rid all your stock of the deadly stomach and free intestinal worms, I'll cancel the charge—you won't owe me a cent.

173

Sal-Vet
Name _____
Address _____
City _____
State _____
P. O. _____
Shipping Sta. _____
Shops _____
County _____
Zip _____
173

The WOMEN

Conducted by



FOLKS

Mabel E. Graves

We want this department to be of practical use to the women who read Farmers Mail and Breeze. If you have any favorite recipe, any helpful hint, whether it concerns the family, the kitchen, the children, the house; or if you have anything to say which would be of interest to another woman, send it to the Home Department editor. Prizes for the three best suggestions received each week will be, respectively, a set of triple-plated teaspoons in the beautiful Narcissus design, a year's subscription to the Household magazine, and a year's subscription to the Poultry Culture magazine.

The corn needs the hot weather, but most of us are too badly spoiled to enjoy it.

The woman who has a fireless cooker just now is happy. The woman who hasn't will save herself much weariness and vexation of spirit if she hurries and gets one.

A certain writer of athletic rules says: "The person who can maintain deep, full, rhythmical breathing cannot be angry, cannot worry, and cannot lose his self control." It sounds as if it might be worth trying.

Mrs. C. W. McG., of Lincoln, Kan., asks, "Will you please publish a recipe for cooking the large green artichoke as a vegetable?" This editor never has seen a recipe for artichokes. Can some one help us out?

For the sake of future health, as well as comfort and good looks, the teeth should be well cared for. They should never fail to have at least one brushing a day, and if they have only one brushing that should be after supper, before going to bed.

Rule For Canning Vegetables.

Some months ago I saw a recipe in Mail and Breeze for canning vegetables by cooking three successive days. I misplaced it in moving. Will someone please give it to me?—Mrs. O. L. D., Winfield, Kan.

If you will write to the United States Department of Agriculture, Washington, D. C., for Farmers' Bulletin No. 359 on "Canning Vegetables in the Home" you will find exactly what you are looking for. The bulletin is free for the asking.

Good Cornbread.

One quart sour milk, 1 scant pint flour, 2 eggs, 1 teaspoon salt, 2 tablespoons sugar, 1 teaspoon soda, 1 teaspoon baking powder, 1 pint cornmeal, 1 heaping tablespoon lard or butter. Put a teaspoonful of lard in a baking pan; when smoking hot pour in the batter and bake 40 minutes. Mrs. Elmer Million. R. 3, Pond Creek, Okla.

Snow Pudding.

[Prize Recipe.]

Half a package of gelatine, whites of 3 eggs, 1 cup sugar, juice of 3 lemons. Soak the gelatine in 1 cup of cold water 1 hour, add 1½ cups of boiling water, then the sugar. Beat the whites to a stiff froth, pour all together, turn into a mold and let cool. Make a custard of the yolks of 3 eggs and 1 pint of milk, sugar to taste, and pour over the pudding. Pittsfield, Mass. Helen A. Syman.

Nut Filling For Cake.

We like the Mail and Breeze. Mrs. Martha Sewell's recipe for buns published in a recent issue is worth the price of a year's subscription. Here's my favorite recipe for cake filling. Everyone who has eaten it praises it highly.

Nut Filling—One egg beaten, ½ cup sugar, 1 heaping tablespoon cornstarch, ½ cup chopped English walnut meats, 1 cup milk. Beat egg, sugar, starch and nuts together and stir into the boiling milk. Stir and cook till thick.

Mrs. G. A. King.

Hutchinson, Kan.

Blackberry Rolypoly.

[Prize Recipe.]

Cook 1 quart blackberries with ½ cup water, then press through a sieve to exclude the seeds. To the pulp add 1½ cups sugar and let simmer until well reduced. Keep part of it hot for a sauce, and let the rest cool. Sift together three times 3 cups flour, 3 level teaspoons baking powder, ½ teaspoon salt. Work in ½ cup of shortening, then mix to a dough with milk or water added to the beaten yolk of 1 egg. Knead slightly and roll into a sheet ¼ inch thick. Cut into eight or ten oblong

pieces, spread these with the cold blackberry mixture and roll over and over. Brush the top of each with the white of an egg slightly beaten, and dredge thickly with sugar. Bake about half an hour. Serve hot with the blackberry sauce. Oakley, Kan. Mrs. Anna Habiger.

No Blue Monday For Her.

[Prize Letter.]

Instead of following the time honored custom of washing on Monday I find it much better to get ready on Monday to wash the next day. Monday morning I put the house in order, plan for Tuesday's meals, and do some baking if necessary so there will be no extra cooking the next day. I gather up and sort the soiled clothes, mend any that are better mended before washing and remove any stains there may be. The clothes I intend to put through the washing machine first I wring out of warm water, soap the worst soiled places and put in the machine ready for the hot suds next morning. The worst soiled clothes I have to soak over night. In this way washing is easier, and I do not have to plan for it on Sunday.

Another plan I have found very good is to shrink and set colors in all colored wash goods before making up. I take warm water enough to wet the goods thoroughly, put in enough salt to make it slightly salty, then let goods stand in it for an hour and hang out without wringing. When almost dry I take it down and iron. No one could ever tell it had ever been wet, and garments made from it do not shrink. With careful washing the colors will last as long as the goods. Mrs. C. E. Scott. Tescott, Kan.

This Trap Catches The Flies.

[Prize Letter.]

After many efforts I rid the house and porch of flies. A large trap finally did the work. To make such a trap take 1¼ yards of 28-inch window screening and a board 12 inches square. Saw a round hole in the board 6 inches across, and use the board for the bottom. To make the frame take four pieces 1 inch wide, 1 inch thick and 12 inches long and

four pieces of the same size 14 inches long. Take the 12-inch pieces for the top and fasten together with wire shingle nails. Fit the four side pieces to the bottom, then fasten on the top and the frame is made. Tack your screen wire on with carpet tacks, putting the tacks close together. Fit the screen wire on top, cutting it 2 inches at each corner and lapping it over ½ inch to form a roof.

Make a cone of screen wire 6 inches high and sew together. Cut a small hole in the top of cone, then push cone up through the hole at the bottom until it fits close. Fasten with tacks so the flies can't get out at the bottom, but leave loose so you can remove the tacks and take out the dead flies when needed. Drive in four nails for legs, so the trap will stand 1½ inches from floor. Under the hole set a flat plate with shorts and sour milk, and you will soon have a lot of flies. Mrs. C. B. Corbin. Hartford, Kan.

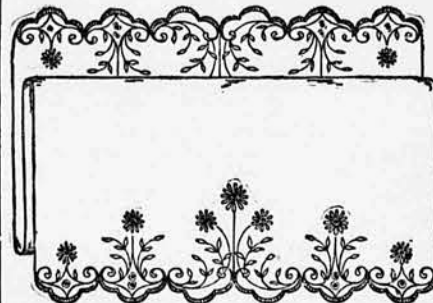
Planning For Winter Flowers.

One of the most desirable plants for winter blooming is the Vernon begonia. The plants should be started about the first of July. Tomato cans are the correct size for pots. Prepare the soil by adding sand and pulverized charcoal to good garden soil. After plants have made a good start set cans in a sheltered

place outdoors. A protected porch is a good place until the nights begin to get cool, when they should be removed to a sunny window and watered often. With this treatment they should bloom freely all winter. Pearl Chenoweth. Jennings, Kan.

Daisy Design For Scarf.

Two ends of this beautiful daisy scarf, Priscilla design No. 11-7-27, are shown. For a table scarf it could be stamped on heavy ecru linen, the daisies worked a rather light brown with yellow centers,



11-7-27—SCARF ENDS.

the leaves in two or three shades of green and the border in a dark brown. For a dresser scarf the work could be outlined and the sides narrowly hemmed. The transfer pattern for this scarf with directions for using, may be obtained from the Mail and Breeze Pattern Department, Topeka, Kan., price 10 cents.

The Knack of Canning Things

FOR WINTER EATING.

[The following three recipes were submitted in the canning contest. The prizes have not yet been awarded.—Editor.]

If you want to put up beet pickles cut the beet tops off not too close; don't cut or bleed them at any time. Boil until done, slip off the skins and slice into boiling cider vinegar sweetened to taste. Bring to the boiling point and can the same as fruit. These keep their beautiful color, and taste as fresh in a year. Mrs. A. O. Barnes. Hepler, Kan.

Canned String Beans.

Pick beans the same day they are to be canned if possible, prepare as for immediate use and cook 30 to 40 minutes. Allow about 1 teaspoonful of salt to each 2 quarts of beans. Have the jars ready and fill them to within an inch of the top with the beans. Have ready some good vinegar boiling hot and finish filling jars with the vinegar. Seal, put jars in paper bags and set away till wanted for use. When opened turn off the water that is on them, finish cooking and season as you would fresh beans. I canned several quarts this way last year, and we really could not have told them from fresh picked beans. Mrs. G. H. Smith. Sexton, Kan.

Cucumber Pickles.

As I have splendid success with putting up cucumbers and have been asked repeatedly for my recipe I will give Mail and Breeze readers the benefit of my experience. I pick the cucumbers in the cool of the day, morning or evening. For canning I select small, firm ones of a uniform size, remove the blossom and wash. Then I pour over them boiling water sufficient to cover, to which has been added ½ cup salt to every gallon of water used. I let them remain in this brine for 24 hours, then drain and rinse, put the cucumbers in a granite or porcelain kettle and pour on enough good cider vinegar to nearly cover. I add a teaspoonful of sugar and a tablespoonful of mixed spices to every quart of vinegar used. Slowly heat to the boiling point and can, pouring in enough of the hot vinegar to fill the jar to overflowing. Seal and set away in a cool, dark place. Canned this way they are of good color, crisp and appetizing. Fowler, Kan. Mrs. C. K. Turner.

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Words and music to "Meet Me Tonight in Dreamland," (the great \$7000 song sensation). Has Anybody Gota Kiss To Spare? "That Dreamy Rag," "Grand Baby, or a Baby Grand," "In The Spring I'll Bring a Ring Around to Rosy," "Moon-Talk," "I'll Be with You in Honey Suckle Time," "A Little Twig of Shamrock," "Drifting," "Hurricane," etc., WORDS and MUSIC to all the above—the latest popular hits being whistled and sung all over the country—music that would cost you DOLLARS if bought from music stores in sheet music form. Also prize collection of 160 Cracker-Jack Conundrums. All these beautiful songs are published in one large, attractively bound volume, pages full sheet music size, and the entire collection is now offered FREE for a short time to further introduce our big home monthly, THE HOUSEHOLD MAGAZINE. Send just 10c TODAY and we'll send this interesting magazine three months and will also send you, as a FREE premium the big song collection described above. Send at once. Address, Household S. B. Co., Dept. E, Topeka, Kan.

HOME DRESSMAKING

These patterns may be had at 10 cents each from Farmers Mail and Breeze.



- 5430—Boys' Blouse, body and sleeves in one, 4 sizes, 4 to 10 yrs.
 4640—Ladies' Dress, 6 sizes, 32 to 42 bust.
 5811—Four-Gore Skirt, 5 sizes, 22 to 30 waist.
 5836—Waist, with fichu, 6 sizes, 32 to 42 bust.
 5130—One-Piece Apron, 5 sizes, 2 to 10 yrs.
 5834—Ladies' Waist, closed in back, 6 sizes, 32 to 42 bust.
 5663—Ladies' Waist, 7 sizes, 32 to 44 bust.
 5247—Eight-Gore Skirt, empire or regulation waist line, 6 sizes, 22 to 32 waist.
 5513—Four-Gore Skirt, 5 sizes, 22 to 30 waist.
 5728—Child's Dress, 4 sizes, 6 to 12 yrs.
 4615—One-Piece Apron, 5 sizes, 4 to 12 yrs.
 4855—Seven-Gore Skirt, 6 sizes, 22 to 32 waist.
 5637—Ladies' Dress, with five-gore skirt, 6 sizes, 32 to 42 bust.
 5150—Child's Dress, sizes 1/2, 1, 3, 5 yrs.
 5174—Gibson Shirtwaist, 6 sizes, 32 to 42 bust.
 5700—Night Gown, 6 sizes, 2 to 12 yrs.

When the Threshers Come.

(Prize Letter.)

If one is to have threshers only a short time she can easily arrange the work so as to have nothing extra to do those days. Bread and pies may be baked the day before. Lemon pies are good and most men like them, but fruit pies are less trouble and are just as good. Canned fruit can be used for them if one hasn't fresh, or hasn't time to prepare it. Prepare things early in the day so you may have some rest in the heat of the morning. Prepare several cold dishes such as potato salad or salmon salad. Cake isn't good for hard working men and many do not care for it at all. Get your vegetables early in the morning, prepare them and put them in water till time to put on the stove. If you can do so get a nice roast of beef or a boil with plenty of meat on, so you may have it hot for dinner and enough left to slice cold for supper. If you cannot get beef, roast or boil chickens with dressing or dumplings. Don't fry young chickens; it takes so much time to prepare enough. Above all have plenty of everything, especially meat. The men have worked hard in the boiling hot sun and deserve plenty of good nourishing food. Have hot coffee and cold tea or lemonade. Have a variety and plenty of it.
 Mrs. Ethel Hammons.
 Bronson, Kan.

Is Prosperity to Blame?

I want to tell "Lonesome" that I have moved around in Kansas a good deal and have noticed the same conditions that she complains of—lack of hospitality—to a marked degree in many neighborhoods. And they always are found where the country is most prosperous and houses and barns the best. In my own county (Wilson) she can find the finest people on the globe, and this applies to all, from bankers and merchants in town to the humblest tenant farmer. If she will come to live at my town she will have to go home with some one to dinner the first Sunday she goes to Sunday school, and if some of the family get sick she will have neighbors right there to help with the work. There are lots of neighborhoods in our state just as good, but none better. And I can say to Mrs. L. that she isn't very apt to find a locality where the people are sociable and pleasant to live with if she stays in the belt where they have silos and big red barns and fine houses.
 Mrs. J. G. Mitchell.
 Buxton, Kan.

Make Your Own Fly Paper.

(Prize Letter.)

Boil 1 pound rosin and 1 pint castor oil to a mass. While warm apply on a double newspaper with a common paint brush as much as you intend to use at one time. Warm the paste each time as often as the application is repeated. When preparing these ingredients a vessel with a solid bottom must be used. This makes a sticky fly paper equal to any on the market.

Mrs. Jacob M. Friesen.

R. 2, Jansen, Neb.

The Invisible Slop Pail.

Find a box large enough for your slop pail, make a top of boards to fit it and fasten on neatly with leather or steel hinges. Nail a strip of leather on front of lid to raise it by, paint or paper the box and set your pail in. It is so handy to have the slop pail inside the house that I hit on this scheme of keeping it out of sight, and where it will not draw the flies.
 Mrs. F. A. Myers.
 R. 8, Guymon, Okla.

USE THIS COUPON FOR PATTERN ORDERS.

Farmers Mail and Breeze, Pattern Department,
 Topeka, Kan.
 Dear Sir—Enclosed find cents, for which send me the following patterns:

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Pattern No. Size

Pattern No. Size

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BE SURE TO GIVE NUMBER AND SIZE.

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Silver Tablespoons FREE

To Match Our Teaspoons

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To Mail and Breeze Readers!

Here is a chance for every housewife who reads the Mail and Breeze to secure absolutely free a set of 6 of our famous Narcissus Silver Plated Table Spoons. During the past 5 years we have given away thousands of sets of these beautiful table spoons, but never before have we been in a position to make such an attractive offer as we are now making to the women folks who read the Mail and Breeze.

Owing to our large purchases we have secured a price on these spoons which we believe is about one-fourth the price any local dealer would ask for the same grade of goods.

We have searched through the silver plate markets of the world and have never been able to find, at anything near the same cost, goods of such remarkable wearing qualities and of such beautiful design as this justly famous Narcissus set.

Full Standard Length and Weight

These are not small sized dessert spoons which are usually offered as premiums. These spoons are all full standard table spoon size, 8 1/4 inches long—handle 5 1/4 inches long, bowl 3 inches long and 1 1/4 inches wide. They are silver plated and hand-somely engraved and embossed in the beautiful Narcissus design, same as the Narcissus teaspoons which we have been giving away for more than two years. Bowl is highly polished and the handle finished in the popular French gray style. The Narcissus design extends the full length of the handle on both sides. The gray finish of the handle contrasts with the bright polished bowl and produces an effect that is decidedly pleasing.

We could send you hundreds of enthusiastic letters from those of our readers who have received these spoons on other offers we have made in the past. We know they will please you, too—and if they don't you can send them back within 5 days and we will cheerfully refund every penny of your money.

Here Is Our Offer:

For the next 20 days, or as long as our supply lasts, we will give one set of 6 Narcissus Table Spoons free and postpaid to all who fill out the coupon printed below and send \$2 to pay for a three-year new, renewal or extension subscription to Farmers Mail and Breeze.

We will send one set free and postpaid for three one-year subscriptions to the Mail and Breeze at our regular rate of \$1 per year. One of these subscriptions may be your own renewal, but the other two must be new subscriptions.

If you want to be sure of securing one of these beautiful sets before our offer is withdrawn clip out the coupon and send it in today. Address

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I am enclosing herewith \$2 to pay in advance for a three-year subscription to Farmers Mail and Breeze. You are to send me as a free premium, postpaid, one set of 6 full size Narcissus Silver Plated Table Spoons.

This is a (new) (renewal) (extension) subscription.

Name

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(If you send 3 one-year subscriptions use a separate sheet of paper for the 3 names.)



MARKET PROBABILITIES

Buyers Will Work Hard to Depress Grass Fat Cattle But No Big Break Is Looked For—Hogs Barely Holding Their Own And Sheep are Falling Off—Grain Is Up Due To Unfavorable Weather Conditions In Northwest

[Written Specially for the Farmers Mail and Breeze.]

Owing to moderate receipts of the medium and plain steers, the kind that declined the most last week, and a holiday coming which increased prospects for light supplies later, the cattle market strengthened on Monday, though opening prices were barely steady. A new high record of \$9.55 was made in Kansas City but other markets reported nothing above last week's tops. The trading was not especially active.

The mid-summer spread in prices of cattle is at hand. The stretch in prices will be controlled by the number of grass fat cattle marketed each week. Fed cattle, especially those with finish, will remain stationary or show a moderate advance, but the grassers will be subjected to all the skill buyers can command to depress prices. Broadening range is usual at this time of the year, but it is quite improbable that any gluttings or big breaks will occur in a short period of time. Even marketing will be the rule, but pasture men are in a strong position to hold and nurse the market. Everything so far has been in favor of a long grazing season. The grass is good, flies have been rather scarce, and have not worried the cattle, the weather though fairly warm the past few days was not oppressive, and cattle have browsed well and made good gains. Any one of these factors is small, but in the aggregate they are conditions that pasture men enjoy. As to the market last week: The supply from below the quarantine line in Kansas City and St. Louis was liberal. The run of plain half fat native grades increased and the high prices drew a fairly large supply of good, seasonably fat fed steers. Prices for the best fed steers were quoted firm. The top price in St. Louis and Kansas City was \$9.50, in Chicago \$9.60, and at other points \$9.25 to \$9.40. Cattle that sold below \$8.50 and down to \$8 were 10 to 15 cents lower, and below \$8 some were off 40 to 50 cents. In the lower grades it was an uneven deal, with buyers going the limit according to supply. Wintered Greenwood county, Kansas, steers sold at \$8 to \$8.65. No Colorado steers were offered, and some old Mexico steers brought \$5.25. Some quarantine cattle sold at \$8.65, the highest price ever paid for Texas steers.

Notwithstanding the unprecedented prices prevailing demand for beef continues fairly good. The light cuts of beef are the most popular, but there is such a scarcity of heavy beef that demand is more than equal to the supply.

Fancy Prices for Heifers.

The heifer market last week showed up new high prices, heifers selling up to \$8.90 and steers and heifers mixed up to \$9.25. Of course such cattle are the dry lot product and have been fed since calves, prevailing age now being fourteen to sixteen months and average weight 725 to 825 pounds. Another week will practically clean up the best, and packers are anxious to get the final shipments. Plain and medium cows declined about as much as the corresponding grades of steers. The supply was some larger than in the preceding week, and was augmented by several good sized bunches of range cows that brought \$4.25 to \$4.75. Veal calves weakened for a time, but later regained the loss. Bulls and stags, if good are wanted but there is small inquiry for the plain kinds.

Readjustment in Stocker Market.

Prices for stockers and feeders were down 25 to 50 cents and there was little urgency to the demand at the lower figures. Lower prices are in keeping with the season of the year, though at the decline prices are 50 cents to \$1 higher than a year ago. In most instances the quality has been plain. The range stockers and feeders have not begun to move, and corn belt feeders are waiting for that supply.

Recovery Follows Break for Hogs.

Medium and light weight hogs took precedent over heavy grades the first of this week, but otherwise there was no important change in prices.

Medium grades are quoted at \$7.40 to \$7.65, light weights \$7.35 to \$7.62½, and heavies \$7.40 to \$7.70. The top price in St. Louis Monday was \$7.70; in Chicago, St. Joseph and Kansas City \$7.65, and Omaha \$7.55.

Last week prices for hogs went down and then came up again but the up shoot was not as large as the down move,

leaving prices Saturday about 10 cents under the close of the preceding week. The prevailing top price Saturday was \$7.70, compared with \$7.80 a week ago. The first three days last week prices were off 20 to 25 cents and the subsequent rise amounted to about 15 cents. The market last week however added nothing new to the general market alignment, except that medium and light weight hogs are being regarded with more favor, and heavy hogs though selling at a premium, are beginning to fall back to a proper mid-summer position. All the markets will be closed Thursday, July 4. This practically cuts the week in two, and increases the probability for very light supplies. Harvest is well under way in Kansas and that will be another factor in cutting down receipts.

Another Decline for Sheep.

A 50-cent decline was quoted for lambs, on Monday taking prevailing quotations down to \$7.25 to \$8. Sheep were off 10 to 15 cents. Liberal receipts was the depressing influence.

Sagging prices seem to be the style at the sheep pens. Receipts were not heavy, mutton is relatively lower than pork or beef, but demand for some unexplainable reason does not rise to the occasion. Prices for lambs have been rather high to start in the mid-summer season, but sheep are relatively too low. Packers have been taking a good many light weight wethers and ewes, or as the trade calls them, "breakers," that is the kind that can be procured at sheep prices and disposed of at lamb weight prices. This branch of the trade is being pursued rather vigorously but owing to the small number of proper weights there is no big volume of trade. Practically all the offerings carry grass fat. The spring lambs are in good condition and most of the native sheep show seasonable fat. Texas sheep are about all in. A few are coming from New Mexico and some from Arizona, but it will be late August before the big movement from the West and Northwest is large. Native grades will be the prevailing supply through July and early August.

The following table shows a comparison in prices on best offerings of livestock at Kansas City and Chicago for this date and one year ago:

	Cattle	Hogs	Sheep
Per 100 lbs. 1912 1911	1912 1911	1912 1911	1912 1911
Chicago...	\$9.60 \$8.00	\$7.65 \$6.95	\$6.70 \$7.60
Kan. City...	9.55 7.00	7.65 6.75	6.00 7.25

Horse Buyers Rather Scarce.

This is the vacation season for horse and mule buyers, and the market is having to look to a scattering demand from unexpected sources, to keep going. This is not unusual for this season of the year and with receipts very light nearly steady prices have been maintained. Dealers expect improving demand by the latter part of August. Feeders are picking up some of the thinnest horses offered and sending them to pastures or feed barns.

Grain Higher—Hay Steady.

With very little new wheat available, and traders feeling anxious over the spring wheat in the Northwest, on account of high temperatures and lack of moisture prices were advanced several cents last week. The volume of trade was small. Corn and oats followed the lead of wheat, and receipts were comparatively small. A slight advance was quoted on alfalfa last week, but other grades, either sold slowly or lower. The market is not in a very strong position owing to the large supplies in sight.

The following prices prevail for grain in Kansas City and St. Louis:

	Wheat—	Kansas City	St. Louis
Soft No. 2...	\$1.11	@ 1.12	\$1.11
Hard No. 2...	1.14½	@ 1.15½	1.11
Corn—			
White No. 2...	.81	@ .82	.81
Mixed corn...	.77	@ .77½	.78½
Oats—			
No. 2 white...	.53	@ .53½	.53½
No. 2 mixed...	.49	@ .49½	.50

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1912 1911	1912 1911	1912 1911	1912 1911
Chicago...	\$1.16 \$.92	79 59½	52½ 53½
Kan. City...	1.15 .90	79 63	54½ 57½

Carlot Grain Receipts.

The following table shows the receipts of grain for the week at the three prin-

cipal grain markets, together with the receipts for the corresponding week one year ago and those of last week:

	Wheat	Corn	Oats
In Kansas City—			
This week	81	215	15
One year ago	534	163	42
In Chicago—			
This week	91	1750	898
One year ago	108	1201	509
In St. Louis—			
This week	77	233	135
One year ago	352	288	206

Does Away With All Scooping.

Modern farmers are eliminating back-breaking work in handling and cribbing wheat, oats, barley, ear and shelled corn with the Little Giant Portable Grain Elevator—the "Green Machine." Scooping is a thing of the past with this wonderful little worker. Drive load right on the wagon dump or jack, throw clutch in gear, start horse-power or engine, then you rest. The grain goes up to any height and the biggest load is all stored in a few minutes. Cribbs can be built twice as high—save roofing, flooring and space. One man operates the "Green Machine." Drive up from either side. Has only half the working parts of others. Power applied to elevator or to Wagon Pump Jack. There's a tight bottom so corn or grain carried back is all saved. Overhead jack furnished if desired. Valuable book of crib plans sent free. Shows you how to actually save \$100 to \$500 on a new crib or granary. Contains nine different plans of granaries and cribs with amount of material needed and costs figured out so you can't go wrong. Send today to the Portable Elevator Mfg. Co., 120 McClum street, Bloomington, Ill. for this free plan book, their free catalog and low prices. See ad on page 24.

Concrete Silo Success.

One of the first men in Kansas to take up the silo in connection with his breeding and feeding establishment was C. S. Nevius, Chiles, Kan., owner of Glenwood Shorthorns. Mr. Nevius has contributed to Farmers Mail and Breeze some of the best silo literature that has been published in the agricultural press this season. Mr. Nevius writes from actual experience. He has an advertisement elsewhere in this issue in which he offers to build a few silos. In this connection he writes as follows: "At this writing people in the country are so crowded with farm work that they really have no time to listen or think about matters of the future but we must come face to face with the time of the year and the work it brings. August is soon here, then the rush to get the silo up, but it must be remembered that it takes a little time to put up a good silo of any kind. Since writing the short articles in your paper about silos where we tried to speak only words of truth about the concrete silo we have received dozens of letters asking more about them. After building the three we have we were forced to build for our neighbors something like a dozen. The demand of our neighbors to build for them has put us in the notion of building still more. We have all forms and appliances to put up 14 or 16 foot silos as high as you like. We put on concrete chute. We would be pleased to figure with anyone interested in a concrete silo that keeps silage as well as any other silo, does not crack or blow down. Yours truly, C. S. Nevius, Chiles, Kan."

The Best and Cheapest Spraying Mixture.

With so many spraying mixtures on the market, each loudly claiming to be the "best," it is a difficult matter for the average fruit grower to select the one which is best adapted for his particular needs. Many such mixtures really do more harm than good because, while they unquestionably kill the insect pests, they also sear and blight the buds and leaves. No such injurious effects as these are possible when a spraying mixture made of one can of Merry War Pow-Lye to 15 gallons of water is used. Many of the most successful and practical fruit growers declare this to be the ideal spraying mixture. It means instantaneous death to every form of insect pests, cannot injure the buds or foliage no matter how freely it may be used and has additional advantage in that the drippings around the roots of the trees enrich the soil. This solution will prevent and destroy San Jose scale, this mixture is equally effective for fruit trees, or for garden vegetables, grape vines, etc. If the solution is made a little stronger, in the proportion of one can of Merry War Powdered Lye to about 10 or 12 gallons of water, it makes a most effective exterminator of borers. For this purpose it should be applied plentifully around the mouths of the burrows with a brush, so that it will trickle down into the burrows. Merry War Lye is manufactured by the E. Myers Lye Company, of St. Louis, who have just issued a most interesting booklet, telling of the many practical uses for Merry War Lye on the farm and in the home. A copy will be sent free to anyone writing the E. Myers Lye Company, Dept. 10, St. Louis, Mo., telling them they saw their offer in Farmers Mail and Breeze.

Two Prices For Prison Twine

Within the last week or two Farmers Mail and Breeze has received several letters from readers relative to the prices at which binder twine is sold from the Kansas state penitentiary at Lansing. It has been the custom of the penitentiary officials to sell the twine to dealers at 1 cent less per pound than to individual farmers and this is the situation that has provoked the following letters of inquiry:

I see the state penitentiary is selling binder twine cheaper to the local dealers than to farmers or farmers' unions. I cannot understand why the state cannot sell just as cheaply to a farmers' union in quantities as it does to dealers. Our union has a membership of 70 farmers.

HERMAN LICKTEIG,
President Local Union American Society of Equity,
Richmond, Kan.

Why do the penitentiary authorities sell twine at 1 cent less to dealers than they do to farmers? Is the dealer's money better than the farmer's?
ALEX. BELTZ,
La Crosse, Kan.

A third letter from R. A. Lough, state business agent of the Farmers' Educational and Co-operative union explains the situation fully and will answer both the foregoing inquiries:

We are getting twine shipped to our members in any part of the state and as an association we are getting it at the regular wholesale price. There was a little misunderstanding about selling to us at points where we had no regular retail business unless we paid 1 cent in advance over the wholesale price.

The officers of the twine plant were not altogether to blame for this as they tried selling direct to farmers but could not get the twine out that way as a farmer does not order his twine until he needs it. Then it is too late and he will get it from the dealer. Then if he has any left he wants to bring it back and he is not always in a position to pay for it before harvest. The result was the twine plant was loaded up and they had to go to the dealers to get it distributed.

Of course with our organization it is different as the members get together and order this twine and we can carry them until threshing is over if necessary. When I went before the board of directors of the penitentiary and explained our position, they were as fair as I could ask in the matter and were ready to do anything that was reasonable.
R. A. LOUGH,
Osborne, Kan.

ALL FOR \$1.10

The Biggest Half-Price Club Offer of the Season.

Here is the banner clubbing offer. It gives your family the choicest collection of newspapers and magazines at a price which is a very great bargain. You get all these four papers one year for only \$1.10.

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Dear Sir—Enclosed find 25 cents for which send the Farmers Mail and Breeze until January 1, 1913, according to your special trial offer to the following address. This is a new subscription.

Name

Postoffice

R. F. D., or Street or Box No.....

State Date.....

Dealers Would Inspect Grain

Some Kansas grain dealers and Kansas City commission men are manifesting an entire willingness to supplant state inspection of grain in Kansas with a board of trade inspection system of their own. It is a question whether it would be a good thing to let the buyer do the grading, for that would be what it would amount to. Whether it was done fairly or not there would always be a suspicion that it was "not." The Kansas courts recently upheld the state grain inspection law, but declared inspection not compulsory except for grain going in and out of public warehouses. As state grain inspection is done on the fee system, if sampling departments are established by the grain dealers at the various grain markets in the state, it will be apt to deprive the department of revenue and force it out of business. Then we may wish it hadn't.

Cement Will Cost More Money

You will soon be due to pay from 10 to 12½ cents more per hundred pounds for cement, which will make some difference if it is a silo you are building. The interstate commerce commission has approved this advance in the freight rates on cement from points in Kansas to destinations outside the state. As the cement industry has become well trusted, in order to make the price as "uniform" as possible, the Kansas consumer will be assessed the same price for his cement as if he did not live in the cement belt. You have one alternative if you don't like it—make your own cement.

Only One of Its Kind.

Mr. Editor—I am a reader of Farmers Mail and Breeze and think it is the only farm paper. I wish Mr. Capper success in his campaign. J. P. Lillibridge. Waterville, Kan., June 10, 1912.

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ALFALFA SEED—Offer extra quality alfalfa seed, non-irrigated, \$9.00 bu., delivered any station in state Kan. Sack free. Sample sent on request. L. A. Jordan, Winona, Kan.

FOR SALE.

FOR SALE—Twenty-five thousand hedge posts. H. W. Porth, Winfield, Kan.

THREE GREAT PIANOS—Steinway, Steck, Vose. Write for prices. Jenkins Music Co., Kansas City, Mo.

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RETAIL lumber yard investment. Write us how much stock you can take in the retail lumber business. Safest and most respectable, permanent and profitable business; fully established; satisfied stockholders. Address Lumber, 1001 Waldheim Bldg., Kansas City, Mo.

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WANT TO EXCHANGE equity in 1 1/4 acres and house at Topeka for equipment of small farm in N. E. Kansas. Prepared farm to be leased to me for term of years. Am experienced, 36 years of age, lived in Nebraska and Kansas. Jno. Walter Mills, Gravette, Ark.

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SALE—EXCHANGE—Farms, ranches, merchandise, properties; anywhere. Description first letter. J. S. McBrayer, McCook, Neb.

FOR SALE OR EXCHANGE—Mills, elevators, farms, etc. Write for our list. Iowa Mill & Elevator Brokers, Independence, Iowa.

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LANDS.

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CENTRAL MISSOURI farm bargain—Grains, grasses, fruit, timber, good water. Write Geo. R. Cleveland, Mokane, Mo.

FARM—320-acre improved farm to trade for good clean merchandise; mortgage \$4,500; price \$75 per acre. Bronston, Garnett, Kan.

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FOR SALE—Lonoke county farms, truck growing, stock raising, corn, fruit and berries. Climate mild and healthy. Write R. E. Bradford, Lonoke, Arkansas, for information.

OTTAWA county farms make best agricultural showing. Prices low, soil fertile, good water and perfect titles. Write O. B. Ballard, Miami, Okla., for pamphlets and full information.

800 ACRES good farm land, fair improvements, all fenced. 130 a. broke, all tillable. Stock, tools, etc. \$20 per acre. Part time. Full description, address Owner, Box 57, Hanston, Kan.

160 ACRES fine corn and bluegrass farm in Crawford county, Kansas. New five room dwelling, two barns, cribs, hog houses, small creek, no overflow. \$65 per acre. B. V. Gill, Chillicothe, Mo.

ARKANSAS land for sale or exchange—160, 400, 640, 1,680 acre farms and stock ranches. Not a hill or rock. Price \$15.00 to \$35.00. Map and booklet free. Geo. R. Lochrie, Gifford, Ark.

NEAR HOUSTON—\$8 river ranch. 1,600 acres at \$8. No overflow. Richest soil. Unimproved. Four million feet timber and forty thousand cords wood. Hurry. Box 58, Mountain View, Oklahoma.

640 ACRES Hodgeman Co., Kansas. Smooth dark loam, 15 feet to water, one mile to German church. \$15 per acre. \$4,000 cash, balance 5 years 6 per cent. Box 38, Mount Hope, Kan.

STOCK FARMS and small ranch tracts. We will sell from the famous Spur Ranch (Texas) tracts from one section upward, ideal cattle region, with enough fine farming land to raise winter feed. Are also offering straight farming lands beside the combination with grazing. For full particulars, address Chas. A. Jones, Manager for S. M. Swenson & Sons, Spur, Dickens county, Texas.

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LANDS.

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I OWN 320 acres of good corn, clover and bluegrass land in Linn county, (north) Missouri, near Brookfield, fine for general farming, improved. Price \$55.00 per acre, \$6,000 cash will handle. Owner, John Billington, Meadville, Mo.

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FOX TERRIER pups for sale. Good stock. Address Ginnette & Ginnette, Florence, Kan.

CHOICE collie puppies; ready now; catalog free. Lawndale Kennels, Hiawatha, Kan.

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GOVERNMENT farmers wanted. \$60 monthly. Free living quarters. Write today. Ozment, 38 F. St. Louis.

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WANTED—Active man in every lodge. To join this Society. Carry its sick, accident, death benefits. Get friends to join. Spare time. \$50 to \$150 a month. Write for particulars. Box BQ-293, Covington, Ky.

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500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$60 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F. care of Mail and Breeze.

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WOMEN AND GIRLS wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$6 a day in spare time; no talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka.

HELP WANTED.

WANTED; MEN AND WOMEN; for Government positions. \$80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept D 55, Rochester, N. Y.

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WANTED—Men in every town in Mo., Kan., Ill., Neb., Okla., Ark., to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

WANTED—Five general agents in the state of Oklahoma. Mail application giving detailed information concerning past record with one bank reference. Circulation Department, Farmers Mail and Breeze, Topeka, Kansas.

WANTED.

E. R. BOYNTON HAY CO., Kansas City, Mo. Receivers and shippers. Try us.

WANTED—Names of parties growing Pearl or Cat Tail Millet, Beardless Barley, Popcorn, Alfalfa Seed and other items of interest to Seedsmen. There is money in this for you as our purpose is to buy. Address Box 2, care Mail and Breeze.

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OLIVER VISIBLE TYPEWRITER for sale cheap. Perfect condition and does splendid writing. Could send on trial. Charles B. Rickart, Route 5, Rosedale, Kan.

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POST CARDS of Irish farmhouse, Irish scenery, Irish life. Catalog and sample card for 5 cents, stamps. Lighthouse Mission, Dept. F, Belfast, Ireland.

MAKE fashionable hammocks for home, sale, church fairs, etc. Home town material 20c each. Learn in 20 minutes. \$2000 per day. Instructions 50c. No other cost. Hammock Co., Emporia, Kan.

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IF YOU WANT to send a Kansas paper to your friends, subscribe for the Kansas Weekly Capital—a whole year for only 25 cents. All the Kansas and Topeka news of the Daily Capital boiled down. The best weekly newspaper in the U. S. for the money. Address Kansas Weekly Capital, Dept. 14, Topeka, Kan.

Couldn't Drown This Alfalfa. [Prize Letter.]

Mr. Editor—Possibly my experience with a field of alfalfa under water might be useful to S. P., Wewoka, Okla., and others similarly situated. Our big "sprinkle" last July raised the Big Blue some 20 feet in a few hours and put some year-old alfalfa of mine under 1 to 6 feet of muddy water from dawn Sunday until Tuesday noon. The receding

waters left from 1 to 2 inches of mud on the surface but not an alfalfa plant seemed injured except some in a depression where the water could not escape. The next cutting averaged something like 1 1/2 tons per acre. This year, from the morning of March 20 to the morning of April 1 except for an interval of 5 hours, the backwater from the Blue covered a patch of alfalfa seeded last August. This time a 3-inch deposit of mud was left and we gave up all hope of

seeing this alfalfa again. But later we found the plants coming up through the cracks in the mud and examination showed that the plants would grow along under the layer of mud until they found a crack through which to come up. On June 10 this field averaged around 2 1/2 tons of hay per acre. I am mailing you a sample plant of it which measures 56 inches long. Hereafter we don't intend to lose any more 100-bushel corn crops on our bot-

tom land while alfalfa remains at a good price. J. H. Tubbs.

A high grade, guaranteed durable live rich red barn paint is sold by the Sunflower Paint & Varnish Co. of Ft. Scott, Kansas, direct to the consumer at only 85c per gallon in 5 gal. cans, freight prepaid. This is a paint proposition worth considering by every farmer. This is a reliable company and now is paint season. Try this paint.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FARMERS.

A. B. Hunter, Kansas and Oklahoma, 419 East Williams street, Wichita, Kan.
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.
C. H. Walker, Kansas, Missouri and Nebraska, 1815 Central, Kansas City, Mo.
Geo. W. Berry, E. Kansas and southern Missouri, Copper Bldg., Topeka, Kan.
Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
G. M. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Durham Hogs.

Aug. 27—J. T. Beyer & Sons, Yates Center, Kan.

Poland China Hogs.

Aug. 5—A. J. Podeworf and Frank Rainier, Logan, Ia.
Aug. 6—John B. Lawson, Clarinda, Ia.
Aug. 7—J. W. Pfander & Sons, Clarinda, Ia.
Aug. 8—L. R. McLernon, and J. O. James, Bradyville, Iowa.
Aug. 28—A. B. Campbell, Geary, Okla.
Oct. 8—J. D. Spangler, Sharon, Kan.
Oct. 9—Herman Groninger & Sons, Bendena, Kan.
Oct. 16—H. C. Granger, Lancaster, Kan.
Oct. 18—H. B. Walter, Effingham, Kan.
Oct. 18—Harry Wages, Peculiar, Mo.
Oct. 18—W. E. Long, Meriden, Kan.
Oct. 19—C. L. Branic, Hiawatha, Kan.
Oct. 23—J. W. Noll, Winchester, Kan.
Oct. 23—W. E. Epley, Diller, Neb.
Oct. 24—L. E. Kline, Zeandale, Kan.
Oct. 24—J. R. Mingle, Anthony, Kan.
Oct. 25—J. Hartman, Elmo, Kan.
Oct. 26—R. B. Davis, Hiawatha, Kan.
Nov. 1—Walter Hildwein, Fairview, Kan.
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 9—A. C. Lobough, Washington, Kan.
Nov. 13—Herman Groninger & Sons, Bendena, Kan.
Nov. 15—W. M. Watt & Sons, Green City, Mo.
Jan. 30—C. W. Holmes, Solomon, Kan.
Feb. 15—L. E. Jones, Bloomington, Neb.
Feb. 18—J. H. Harter, Westmoreland, Kan.

Duroc Jersey Hogs.

Aug. 2—R. J. Harding, at Carson, Ia.
Aug. 12—F. C. Crocker, Filley, Neb.
Aug. 31—J. R. Blackshere, Elmdale, Kan.
Sept. 4—W. R. Huston, Americus, Kan.
Oct. 19—H. B. Miner, "e Rock, Neb.
Oct. 22—P. H. Pagett, Beloit, Kan.
Oct. 26—E. M. Myers, Burr Oak, Kan.
Oct. 28—W. W. Bales & Sons, Manhattan, Kan.
Oct. 30—Thompson Bros., Garrison, Kan.
Nov. 12—Lant Bros., Dennis, Kan.
Jan. 22—Thompson Bros., Garrison, Kan.
Jan. 25—Glenn Keesecker, Washington, Kan.
Jan. 31—W. H. Seddon, Persia, Ia.
Feb. 5—Samuelson Bros., Clarinda, Kan.
Feb. 6—Samuelson Bros., Clarinda, Kan.
Feb. 7—A. T. Cross, Guide Rock, Neb.
Feb. 11—E. H. Garrett, Bloomington, Neb.
Feb. 11—H. H. Shaw, Hebron, Neb.
Feb. 20—Geo. W. Schwab, Clay Center, Neb.
Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

O. I. C. Swine.

Oct. 24—R. W. Gage, Garnett, Kan.
Feb. 6—H. L. Bode, Friend, Neb.
Feb. 7—Chas. H. Murray, Friend, Neb.

Shorthorns.

Nov. 15—W. M. Watt & Sons, Green City, Mo.

Kansas and Oklahoma.

BY A. B. HUNTER.

Frizzell's Purebred Cattle.

D. E. Frizzell, Larned, Kan., has two excellent herds of purebred cattle; one of Galloways, the other Red Poll. He is at

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Yours here concerning the ad. I believe that you better go back to the Macineso ad as I think by the time this appears another time I will surely be fixed. I have received more answers now than I can take care of. Let this one stand for one more time and then go back to the Mexico ad.

J. M. MASON,
Real Estate Dealer.
Columbus, Kan., June 6, 1912.

Farmers Mail and Breeze, Topeka, Kan. Inclosed find check as per bill received for sale advertising. Please send my copy of the paper to me at Colorado Springs, Colo., P. O. Box 215, until September 1.

The sale was very satisfactory to both Dr. Axtell and myself, the average being considerably higher than we expected as most of the consignment was very young and unbroken. Thanking you, I am,

Yours truly,
J. C. ROBISON,
Importer and Breeder of Percheron Horses.
Towanda, Kan., June 1, 1912.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

present offering registered bulls, 20 Galloways and 20 Red Polls, 15 to 20 months old. Mr. Frizzell is pricing these bulls where they will sell. Call and see them or write him about what you want.

Mingle's Fall Date.

J. R. Mingle, Anthony, Kan., has decided to hold his annual Poland China sale Thursday, October 24. Mr. Mingle has been in the hog business several years and has developed a splendid herd. They are mostly the large type and close attention has always been given to quality. At the head of this herd is I. R. S. Hadley, a splendid breeding son of famous Big Hadley. Watch these columns for further notice.

Oklahoma State Fair Winners.

W. A. Williams, Marlow, Okla., won with his Duroc-Jersey show herd last season more Duroc prizes than any other Duroc exhibitor at the Oklahoma State Fair. Mr. Williams is a consistent swine breeder and the reason he wins is no accident. He starts with good foundation stock and with proper selection, mating and feeding has perhaps the best herd of Durocs to be found in Oklahoma or the whole Southwest. He can fit you out with the kind that can win and produce winners. Write him, mentioning Farmers Mail and Breeze.

Kansas and Nebraska.

BY J. W. JOHNSON.

Good Pigs by Jewell's Col.

E. M. Myers, Burr Oak, Kan., breeder of Duroc-Jerseys, was visited last Monday. Mr. Myers has claimed October 28 for the date of his boar and gilt sale. In this sale Mr. Myers will sell about 15 September and October gilts and a fine lot of spring pigs. Everything including some choice spring

Choice. He is out of a dam by Brandywine. The pigs by these sows are out of sows by Big Bill Taft, Famous Chief Hadley, Expansion's Son, Improver, Brandywine and Clipper. The Langford herd is in fine shape and Mr. Langford is in a position now to give top values. He is booking orders now and at prices that will suit. He guarantees satisfaction, so those who buy are bound to get what they want. Look up his advertisement in this and subsequent issues and write him for further prices and particulars of the stock he has for sale. Kindly mention this paper when writing him.

W. M. Watt's Sale November 15.

November 15 is the date selected by W. M. Watt & Sons of Green City, Mo., for their public sale of Poland Chinas instead of October 24 as announced in last week's issue. On November 15 the breeders of the country will have a chance to select from one of the top offerings of the year. The Watt herd of Poland Chinas is one of the evenly balanced good herds of the state and the breeding represented in the herds and the sows is of the very best. The herds represented in the herd and which are the sires of the pigs to be sold are Long Surprise, Dodo's Giant, Watt's King and Big Bone. Long Surprise is by Surprise, Tecumseh; Dodo's Giant is by King Dodo 2d, out of a dam by Pawnee Giant; Watt's King is by Long King and out of a Red's Ten. It will be seen that these herds carry the top blood of the popular big type Polands and the pigs are out of sows equally as well bred along big type lines. The sale will include 50 head, 18 fall yearling gilts, five fall boars, 10 tried sows and yearlings and the balance spring boars and gilts. Messrs. Watt will also sell a few head of Shorthorns, which will include sons and daughters of Lord Champion. Some of these females were in the Purdy Bros. show herd of last year and are high class in every respect. We recommend this as one of the good sales of the year and urge those in the market for good stock to get in touch with Messrs. Watt for a catalog or any information desired. Kindly mention this paper when writing them.

H. B. Walter—Gold Metal.

When H. B. Walter, of Effingham, Kan., announced that he had secured the great boar, Gold Metal, to head his herd and

Remarkable Showing of Farmers Mail and Breeze as a Livestock Advertising Medium

Helton, Kan., June 29, 1912.

Farmers Mail and Breeze, Topeka, Kan.

My Dear Sir:—It is only once in a while possible to tell from just what source you get your returns in advertising, only a few mention the paper in which they saw the advertisement. For the past two years I have kept accurate account of this matter and find that from 454 letters that mention where they saw my advertisement 200 mention the Farmers Mail and Breeze—this is more than half, in fact a trifle more than 50 per cent, and during this time I carried more or less advertising in eight different papers. The next highest number was 187, but here the Mail and Breeze more than doubled its rival, giving me about 2 1/2 inquiries to one of the other.

On account of this indisputable proof of the value of advertising in the Farmers Mail and Breeze I do not expect ever to be without my regular card in its advertising columns. It appears to be read all over the country, as I not only receive inquiries from almost every state in the Union, but from different foreign countries, and have made sales to 23 different states very largely through the advertising medium of the Farmers Mail and Breeze, as is thoroughly proven by the above figures.

My stock business is carried on by means of accurate records, and as far as possible I know exactly what profit each advertising medium as well as each cow is making me.

Very truly yours,

(Signed) R. J. LINSBOTT.

boars was sired by Jewell's Col. by G. C.'s Kansas Col. The gilts will all be sold open and will afford an excellent opportunity for those desiring to buy a few gilts of high quality for their bred sow sales. The fall gilts will be handled so they will be in the pink of breeding condition and the boars, not a large number, but they will be good and are of early spring farrow. It is always a pleasure to tell of the merits of Mr. Myers's herd as it is one of the really good ones of northern Kansas and deserving of really more attention than it has got in the past. The offering that will be made from this herd October 26 will be one of the highest quality. This will be a good place to buy the kind that will add strength to your herd. Mr. Myers's farm is three miles east of Burr Oak and visitors are always welcome.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Langford's Poland Chinas.

One of the best bunches of spring pigs the writer has had the pleasure of looking at this spring is owned by T. T. Langford, of Jamesport, Mo. Mr. Langford has been breeding the big kind for a long time, but this spring has brought out the best lot and one of the largest in numbers he has yet raised. He has close to 100 head and with a big per cent of them of March farrow. Practically all of them came in March and April and as a result he has them large and growthy. Mr. Langford seldom holds a public sale, always having enough orders to move them at private treaty. He breeds both the big type blacks and the spotted Polands. They are not mixed, however, and he can supply the trade with either kind. This spring crop is sired by his three herd boars, Pastime King 2d, C Wonder and Spotted King. Pastime King 2d is by Pastime King, by King Blain and is out of a dam by Big Bill Taft, the great breeding boar of Messrs. Gildow. This boar is a wonderfully smooth fellow with the points that go to make up a great boar and he is siring a highly desirable lot of stock. C Wonder is by B Wonder and he by the great A Wonder. He is a boar of great scale and bone and while not as smooth or as good a breeder of hog as Pastime King is a breeder of the big stretchy, big boned kind that has proven a top cross with the first named boar. Spotted King comes from the same line of old fashioned breeding that produced the great boar, Clipper, by Moore's

to follow the work done in the herd by the late Expansive, it meant a great deal more than the addition of a great boar to a great herd. It is just another instance which goes to prove that Mr. Walter is a constructive breeder and that he never loses sight of an opportunity to better his herd and to make stronger his position as one of the leading breeders of big type Poland Chinas of the country. The breeding of Poland Chinas is a business with Mr. Walter, though the pecuniary gain is by no means the only incentive. He takes a great pride in producing the very best and the satisfaction of being able to improve his herd each year means as much

LIVESTOCK AUCTIONEERS

Col. S. B. Young, Glasco, Kan.
Livestock Auctioneer. Write for dates.

SAM W. KIDD, Live Stock Auctioneer
Kansas City, Mo.
"A rising star," Col. F. M. Woods, 1903.

JOHN D. SNYDER HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

COL. L. R. BRADY LIVESTOCK AUCTIONEER
Manhattan, Kan. Write or wire for dates.

Col. H. S. HOYT, Mankato, Kansas,
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reeble, Emporia, Kan.
Pure Bred Live Stock and Real Estate Auctioneer. Speaks German. Write or wire for dates.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE FOR DATES.

JAS. W. SPARKS Live Stock Auctioneer
MARSHALL, MO.

Col. J. R. LOYD, ATHOL, KANSAS.
LIVESTOCK AUCTIONEER.
Write for terms and dates, and reference.

COL. FRANK REGAN,
ESBON, KANSAS.
Livestock Auctioneer. Write for open dates.

W. H. Tresper, Auctioneer
Livestock and Farm Sales my Specialty.
FRANKFORD, KAN. Write for Dates.

LAFE BURGER
LIVE STOCK AND REAL ESTATE
AUCTIONEER
Wellington, - - - Kansas

COL. RAY PAGE
FRIEND, NEB.
Livestock Auctioneer. Write for Dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER
Independence, Mo.
Bell Phone 675 Indp.
"GET ZAUN. HE KNOWS HOW."

Oklahoma Auction School

Col. O. R. Liley, President.
Best in World. CATALOGUE FREE.
Next Term Opens August 5, 1912. Address, GUTHRIE, OKLA.

Col. Oscar H. Roahman
Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

THREE first class JENNETS in foal for sale.
A. B. C. Duback, R.R. No. 4, Williams, Kan.

Bergner & Sons' Coach Horses

65 HEAD  **65 HEAD**
What do you know about the Coach Horse? Do you want to know more about the Coach Horse?

German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Nephisteles 421. Call on or write, J. C. Bergner & Sons, "Waldock Ranch," Pratt, Kan.

The Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$850 at my stable doors. A. LATIMER WILSON, CRESTON, IOWA.

Belgian and Percheron Stallions and Mares

Imported and Home-Bred.
For Sale at Attractive Prices.
Blue Valley Stock Farm
Blue Mound, Linn Co., Kan.

OIL - OIL - OIL

WHOLESALE PRICE TO CONSUMERS—Combining best quality with low price. NO WATER IN MY KEROSENE OR GASOLINE.

XXX 46 gravity water white kerosene.....\$5.50 for 52 gal. bbl.
XXX 42 gravity kerosene (the kind usually sold).....\$4.50 for 52 gal. bbl.
XXX 64 gravity gasoline.....\$7.50 for 52 gal. bbl.
1 case graphite axle grease (2 doz. 3 pound pails).....\$3.50
40 gravity prime white stove distillate.....\$4.00 for 52 gal. bbl.
38 gravity stove distillate.....\$3.75 for 52 gal. bbl.
60 gallon (26 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home.....\$3.60
Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools.....\$3.50 for 52 gal. bbl.
STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits).....\$5.00 for 52 gal. bbl.
I also carry a full line of lubricating oils.
I pay \$1.25 each for all barrels returned to me at refinery in good order, freight prepaid. Send the money with your order.
C. A. STANNARD, BOX M, EMPORIA, KAN.

SHORTHORNS.

Milk and Beef Combination. Hornless Shorthorn Cattle, Oxford Down Sheep, Bourbon Red Turkeys. J. H. WALKER, LATHROP, MO.

JOHNSON'S Shorthorns 50 HEAD including 6 good young bulls. Also young jacks. Farmers' prices. T. F. JOHNSON, GARFIELD, KANSAS

SHORTHORN CATTLE POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable. Thos. B. Murphy & Sons, Corbin, Ks.

Valley View Shorthorn Cattle

25 cows and heifers bred to Orange Major 264704, 10 bulls of different ages sired by Major of Valley View 266325. Prices right. Breeding and individuals right. Address ADAM H. ANDREW, GIRARD, KANSAS.

True Coods 337574

by Fair Goods, dam Rosie 17th by Standard Bearer, second dam Imp. Rosie 17th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale. T. J. BLAKE, HIAWATHA, KANSAS.

SCOTCH AND SCOTCH TOPS.

FOUR BULLS 10 TO 18 MONTHS OLD—ALSO SOME GOOD COWS AND HEIFERS. S. B. AMCOATS, CLAY CENTER, KAN.

SHORTHORNS

5 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, L. M. NOFFSINGER, OSBORNE, KAN.

Lookabaugh's Shorthorns

Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants. H. C. Lookabaugh, WATONGA, OKLAHOMA

Pearl Herd of Shorthorns

I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P., A. T. & S. F., U. P., and Mo. Pac. Address

C. W. TAYLOR
R. R. No. 2, Enterprise, Kan.

HEREFORDS.

MATHEWS HEREFORDS

Big, strong yearling bulls, also extra good cows and heifers, strong in Anxiety 4th blood. Special prices on ear lots. Write today. FRED MATHEWS & SONS, Kinsley, Kan.

Modern Herefords

ROBT. H. HAZLETT

Hazford Place
Eldorado, Kansas

GALLOWAYS.

G. E. CLARK. W. W. DUNHAM. CAPITAL VIEW GALLOWAYS. 12 Miles West of Topeka.

A choice lot of bulls 10 to 20 months old, by Imported and American bred sires. They will please you. Address CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd

40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS. 10 to 20 months old. Priced to sell. E. E. FRIZELL, LARNED, KANSAS

POLLED DURHAMS.

Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale. C. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams

Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Minn. a Bravith Bud and a Necklace, two roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write C. J. WOODS, CHILES, KANSAS.

Brown Swiss Calves For Sale. E. Bourquin, Bartlett, Kan.

We Make Cuts!

The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings and is prepared to fill all orders. Particular attention given to general newspaper illustrations. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work. THE MAIL AND BREEZE, Topeka, Kan.

to him as does the commercial end. He does not hesitate to take chances where there is the possibility of advancement and oftentimes his experiments have cost him heavy, but the end justifies the means with him and the result is that he has built up a herd which takes rank with the best. Expansive was a great sire. He is almost universally acknowledged as being one of the strongest breeding boars of the past decade and he has left a wonderfully good lot of sows in the herd. After Expansive's death it was up to his owner to secure a boar that would follow the good work done in the herd by this boar. Being a progressive, Mr. Walter was not satisfied with "just as good" but if possible wanted to show an improvement. Gold Metal a boar he had had in mind for some time, he thought was a boar to do the work. Gold Metal comes to his herd with a strong record as an individual and as a sire and under the careful mating and handling he will undoubtedly receive, this breeder and this herd and this boar bid fair to make a record. Old and new customers of this herd will profit by this and on October 15 breeders will have an opportunity to make selections from one of the best offerings ever sold by Mr. Walter.

Kansas and Missouri

GEO. W. BERRY.

Sutton Berkshires.

Sutton Farms, Lawrence, Kan., announce a special offering of Berkshires, including spring pigs and bred sows. E. E. Sutton, manager of Sutton Farms, writes that he has weighed a bunch of spring pigs which averaged exactly three-fourths of a pound per day in age. While this may not be exceptional weight for an individual, yet it is unusual for a whole bunch of pigs. These pigs were got by Judge Robinson, the great breeding son of Berryton Duke Jr., a noted Berkshire sire. Attention is directed to the change in the advertisement elsewhere in this paper.

F. S. Cowles's Poland Chinas.

F. S. Cowles, of Lawrence, Kan., advertises a special offering of Poland China pigs at low prices during July. These pigs were sired by a 11th bred Expansion hog, Expansion Too 59484, a boar of correct type, combining great scale, fleshing qualities, symmetry and the evidences of a good sire. The dams of the pigs offered for sale represent such sires as Cowles's Tecumseh, a son of the noted boar Mogul, Blaine's Last Hadley, by Big Hadley, and Big Smoke, by the great show boar Colossus. Mr. Cowles has met with remarkable success in the business of breeding Poland Chinas in late years and many new herds owe their origin to his herd. He is a careful, conscientious breeder and buyers can order with confidence.

Valley View Shorthorns Selling.

Adam H. Andrew, owner of Valley View Shorthorns, Girard, Kan., recently sold a fine roan yearling bull to S. J. Toonly, of Baxter Springs, Kan. This calf was sired by the good Scotch bull Major of Valley View and out of a grand daughter of Lavender King 4th. This is a good calf—the kind that farmers should buy to improve their herds. Mr. Toonly is a reader of Farmers Mail and Breeze and bought this calf through Mr. Andrew's ad carried in this paper. Mr. Andrew offers 15 or 20 good, useful females. They are by 4th Pride of Vinewood, by Lavender King 4th and Mayor of Valley View, by the great Scotch sire, Lord Mayor. These cows and heifers are in calf to, or have calves at foot by the present Valley View herd bull, Orange Major. This is a very richly bred Scotch bull, a prize winner at the American Royal, as a calf, and a rare one of his sort. Mr. Andrew also has some nice young bulls for sale at very moderate prices. Two of these will be yearlings in August, both are red and come from a line of cows that produce red calves. He has one red and one roan suckler, by Mayor of Valley View and out of 4th Pride of Vinewood dams. Both extra good. Write about these, mentioning Farmers Mail and Breeze.

Linscott Jerseys.

The genuine and well deserved success attained by R. J. Linscott, breeder of registered Jersey cattle, Holton, Kan., is among the remarkable achievements of improved stock breeders in late years. It is safe to say that the number of transfers of Jerseys by Mr. Linscott during the last four years exceeds the record of any other breeder of registered cattle in the West. Linscott Jerseys have a national reputation and foundation stock from this herd has been supplied to many of the good herds in different sections of the United States. The Linscott herd is the oldest herd, perhaps, in Kansas and is the only register of merit herd in the state. The herd was established by Mr. Linscott's father in 1878. Among the records made can be mentioned the butter records, three generations: 14 pounds 3 ounces; 15 pounds 2 ounces; 22 pounds 7 ounces. Superior sires are the keynote of success in the Linscott herd of Jerseys. One of the trio of herd bulls at present is Flora's Golden Fern, who has the distinction of being a son of Golden Fern's Lad, the most popular sire living or dead and the ancestor of most all the great Jerseys of the world. Flora's Golden Fern was bred by T. S. Cooper and from one of that breeder's favorite tested cows, Flora Rex Carlo 2d, a grand daughter of Farmer's Glory, a great bull in his day. Imported Oakland's Sultan is being used in the Linscott herd with most satisfactory results. With four of his daughters in milk, two have already qualified for register of merit and the third has almost passed the test. Oakland's Sultan was bred by W. P. Jean, Island of Jersey. His sire is Sultan of Oaklands, the most distinguished sire of his age of any period and having a great prize record to credit of himself and his get. Imported Oakland's Sultan now has 16 daughters and one grand daughter in the Linscott herd. Breeders will be interested in knowing that Mr. Linscott has 15 cows with calves to the service of the famous bull Gamboge's Knight, who was the winner, in 1911, at the National show, first prize, get of one sire, also progeny of one cow, and four cows in milk. He was got by Agatha's Flying Fox, who is the sire of Sultan of Oaklands and the grand sire of the Linscott bull, Imported Oakland's Sultan. His dam is Gamboge's Pride 4th, the dam of three public tested daughters and sold for \$2,500. Twenty-eight head of the get of Gamboge's

DAIRY CATTLE.

TWIN JERSEY HEIFERS, ¾ BLOOD, \$60. MRS. MOLLE McBRIE, MANKATO, KANS.

Dutch Belted and Holstein male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.

HOLSTEINS —CHOICE BULL CALVES. H. B. COWLES, TOPEKA, KANSAS.

LINSOTT JERSEYS

Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices. R. J. LINSOTT, HOLTON, KANSAS

Holsteins For Sale!

Am making special price on 12 head of milkers from two to eight years old. All milking now except one. She will be fresh soon. All good young stuff and a bargain at \$75. Don't wait to write but come and get them if you want them. Offer good to July 10. IRA ROMIG, Station B, TOPEKA, KANSAS.

Choice Jersey Bulls

I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars. W. N. BANKS, INDEPENDENCE, KANSAS.

ABERDEEN-ANGUS.

RIDGE PRAIRIE ABERDEEN ANGUS. Rutger Heatherson 3d 118104, a choicely bred Heatherbloom, in service. The best families represented. A few choice cows, brood, and open heifers for sale. Prices right, satisfaction guaranteed. W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs. SUTTON FARMS, LAWRENCE, KANSAS.

MULE-FOOTED HOGS.

Mule Foot Hogs Bred sows and pigs in pairs, not related. Pedigree furnished. ZENE G. HADLEY, WILMINGTON, OHIO

O. I. C. SWINE.

O. I. C. HERD BOARS OR BRED SOWS By O. K. Winner, winner of 12 firsts, 4 champion and 4 grand champion ribbons in 20 shows, and Chickasaw Model, second prize winner at Lincoln. Sows bred to these boars and Keep On Winner. Priced for quick sale. H. L. BODE, FRIEND, NEBRASKA.

O. I. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's boars and bred and open gilts; spring pigs mated, no kin. HENRY MURR, Tonganoxie, Kansas.

HAVE YOUR IDEAS about the O. I. C. hogs been correct? Send for my circular telling all about it. R. W. Gage, Garnett, Kan.

O. I. C's—the right kind. Bred right and fed right. Choice pigs for sale. W. P. DOOLITTLE, WOODLAND, MO.

O. I. C. Swine Best of breeding. Stock for sale of both sexes. Satisfaction guaranteed. F. C. GOOKIN, RUSSELL, KANSAS.

STAR HERD O. I. C's.

Breeding stock of various ages, either sex. Best breeding represented in this herd. Write your wants. ANDREW KOSAR, GLASCO, KANSAS.

Burr Oak O. I. C. Hogs

28 last September, October and November boars for sale. Best of backs, feet and lots of scale. Prices right. Charles H. Murray, Friend, Nebr.

10 O. I. C. Fall Boars

August farrow, by Boxer 20787; also spring boars, by Boxer and St. Croix 21907, by the champion Combination. Stock and prices right. Write today. Address J. G. JORGENSEN, Box 6, Kimballton, Ia.

Neef's O. I. C's

"The easy feeding big kind." Special offer on 15 yearlings by O. K. Perfection bred for September litters. Also 7 winter boars and 15 open winter gilts for sale. Booking orders now for spring pigs, either sex. Can furnish pairs or trios not akin. Can supply new blood to old customers. Description and prices on request. RIVERSIDE FARMS, J. H. NEEF, Prop., BOONVILLE, MISSOURI

Herd Established Over 25 Years

Evergreen Crest Galloways Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205 and Sally's Othello 33696, both sired by Imp. champion bulls, in service. Five top yearling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.



H. S. DUNCAN, Live Stock Auctioneer, Clearfield, Ia.

AUCTIONEERS MAKE BIG MONEY!

How would you like to be one of them and make from \$10 to \$100 per day? Terms open August 5, at Trenton, and October 7, 14 and Grand Ave., K. C.

MISSOURI AUCTION SCHOOL (Largest in World) W. B. Carpenter, Pres. Trenton, Mo., Kansas City and Oklahoma City.

RED POLLED CATTLE.

Foster's Red Polls Write for prices on breeding stock. C. E. FOSTER, R. R. 4, El Dorado, Kansas

RED POLLED BULLS

and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come. CHAS. MORRISON & SON, Phillipsburg, Kan.

HAMPSHIRE.

Registered Hampshire Hogs Either sex, all ages and priced to sell. W. C. STENZEL, ELMDALE, KANSAS

Wittorff's Hampshires Best blood lines, bred sows and gilts, spring pigs, pairs and trios unrelated. Descriptions guaranteed. F. C. Wittorff, Medora, Ks.

Pure Bred Hampshires

Inspect our herd or write for prices. Our motto is to please. ALVIN LONG, Lyons, Kansas.

HAMPSHIRE HOGS

30 tried sows and GLITS bred for Spring Farrow, including my SHOW HERD. Also Boars ready for service and spring pigs not akin. C. W. Weisenbaum, Altamont, Kan.



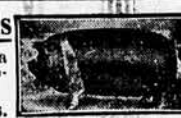
15 Yearlings

and a few sows bred for August and September litters to Corrector 8913. Special prices taken at once. Also Indian Runner Duck Eggs for sale. J. R. Lawson, Ravenwood, Mo.



Try The White Belts

Cloverdale Farm offers a number of extra nice Hampshire boars for sale. T. W. Lavelock, Princeton, Kas.



WRITE J. F. PRICE, Medora, Kans.

For prices on Pedigreed HAMPSHIRE HOGS. S. C. B. Leghorn eggs.

DUROC-JERSEYS.

WALNUT GROVE FARM. Boars and gilts, sired by B. & C's Col. and R. C's Buddy. Also spring pigs. R. C. WATSON, ALTOONA, KANSAS.

Crimson Wonder, Ohio Chief Blood Lines

Fall boars and March pigs for sale at a very reasonable price. P. C. GARRETT & SON, Farm 2, BLOOMINGTON, NEBRASKA.

Saline Valley Stock Farm

Am booking orders for spring pigs, either sex; also a few choice fall boars and gilts. Pairs and trios not related. J. LEE DUNN, RUSSELL, KANSAS.

W. T. HUTCHISON, CLEVELAND, MO. Duroc Jerseys.

Special offering, 5 extra fall boars ready for service, for quick sale; also, choice pigs, either sex, pairs and trios. Order now for choice. I can please you.

BUY CHAPIN'S DUROCS

25 tried sows, bred for Sept. farrow, \$35 to \$50. 7 summer gilts, bred for Sept. farrow, \$25. 30 spring pigs, \$15 for one, \$25 for two, 5 or more \$10 each. 3 fall boars, \$25 each. Chapin's Wonder and King's Col. herd boars, \$50 each. Have sold my farm and implement business, hence these prices. GRANT CHAPIN, GREEN, KANSAS.

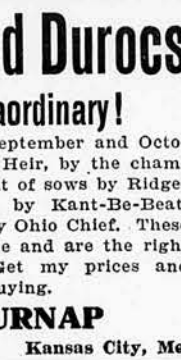
Ridgewood Durocs

Offer Extraordinary!

Ten boars, August, September and October farrow by Minor Heir, by the champion, Inventor and out of sows by Ridgewood Kant-Be-Beat, by Kant-Be-Beat, out of Vall's Pride, by Ohio Chief. These are bred in the purple and are the right kind individually. Get my prices and description before buying.

F. P. BURNAP

107 West 10th St. Kansas City, Mo.



DUROC-JERSEYS.

FASHIONABLE BRED DUROCS
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.
Royal Scion Stock Farm, Winfield, Kan.

CRIMSON WONDER AGAIN BOARS.
1 yearling dam by W. L. A.'s Choice Goods, a herd header and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars.
L. R. VAN NICE, RUSSELL, IOWA.

BEAVER VALLEY HERD DUROCS.
Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

TAYLOR'S DUROCS Booking orders spring pigs, over 100 head to select from, sired by Col. Wonder 112385 and Mo. Climax 112386, being fitted for fall shows. Prices right. Chas. L. Taylor, Olean, Mo.

HEBRON FARM DUROCS
Some good fall boars for quick sale. Also a few good sows.
H. H. SHAW, - HEBRON, NEBRASKA.

BRED DUROC GILTS FOR SALE!
Fall boars, 2 yearlings, April pigs at weaning time. One extra good yearling herd boar. Write for prices and state your wants to J. E. WELER, FAUCETT, MO.

COLLEGE HILL HERD DUROC JERSEYS.

March and April pigs priced at three months old. Tatarax, G. M.'s Col. and Carl's Critic Breeding. State Fair winners. Write for prices.
W. W. Bales & Sons, Manhattan, Kansas.

BUDDY K IV, and B. & C's COL.
Boars and gilts by these great sires and sows and gilts bred to B. & C's Col. For sale at reasonable prices. For full particulars write
J. J. BAKER, INDEPENDENCE, KANSAS.

Fisher's Durocs Herd boars, Graduate Col. 28278a, Crimson Prince 93527, Reby's Chief 104417, King's Col. 28283. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay.
H. E. FISHER, Danville, Harper Co., Kansas.

Spring Boars Ready to Ship
Unexcelled in breeding and quality. A few from State Fair prize winners. Order while young and save express. For prices on young stock address
C. O. ANDERSON, MANHATTAN, KANSAS

DUROCS

Great crop of spring pigs. Tried sows for August and September farrow, bred to our great boar, Good E. Nutt Again King.
W. W. Otey & Sons, Winfield, Kan.,
"The Men With the Guarantee."

DUROCS FROM PAWNEE VALLEY
Three yearling boars, herd headers. Some gilts, same age and breeding. Also 17-months old herd boar, Ohio Chief strain. Also fall males. All immunized from cholera. Prices reasonable.
JUDAH BROS., HIATTVILLE, KANSAS.

Ticer's Durocs Am offering a few good young Valley B. and B. & C's Col. boars, worth the money; also a few bred sows. Will book orders for spring pigs.
C. L. TICER, HARRAH, OKLAHOMA.

Perfection Stock Farm
Nov. boars and gilts, also 80 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants.
Geo. M. Glaser, Union City, Okla.

CLOVER DALE DUROCS
Herd boar, Western Wonder Again No. 106067, by The Western Wonder, dam, Lady Silkworm, 160 gets him. September boars \$20, September gilts \$15 and \$20.00. Sows bred for July farrow, \$35 to \$50.
L. T. SPELLMAN, R. R. No. 8, Paola, Kas.

SCHWAB'S DUROC - JERSEYS!
A choice lot of big, husky spring boars at \$25, if taken soon. Also young sows bred for April, May and June farrow, priced right.
GEO. W. SCHWAB, CLAY CENTER, NEB.

Star Breeding Farm
Herefords and Durocs

Bulls, 15 to 30 months, single or carlots; also, females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale.
SAM'L DRYBREAD, ELK CITY, KANSAS.

Bancroft's Durocs.

We hold no public sales. Nothing but the best offered as breeding stock. Choice Sept. boars, tried sows and September gilts, open or bred to order, for fall farrow. 80 Feb. and March pigs, either sex. Pairs and trios not akin. Prices right. Customers in six states satisfied. Describe what you want. We have it.
D. O. BANCROFT, OSBORNE, KAN.

BERKSHIRES.

WAITE'S BERKSHIRES.
Choice young Boars and Gilts, also tried sows. Best farnest. Robustness. We guarantee satisfaction. Call or write
LEON A. WAITE, WINFIELD, KAN.

FOR SALE—50 BERKSHIRES OF QUALITY
40 March and April pigs by Second Masterpiece, 30 at \$15 each or \$25 per pair. Balance show prospects, \$150 per five; some thing fancy. A few gilts and two October boars at \$25 each. Two October boars by Second Masterpiece, and one by B. D.'s Centerpiece, fancy herd headers, at \$50 each. Yearling boars at from \$25 to \$50 each, also a few gilts bred to farrow in May and June at reasonable prices.
J. T. BAYER & SONS, Yates Center, Kansas.

Knight sold in the 1911 Cooper sale at an average of \$556.88, and in his 1910 auction, seven head of the get of this bull averaged \$1,750. A number of heifer calves by Gamboge's Knight have been dropped at the Linscott farm. The future breeding of Gamboge's Knight and Oakland's Sultan blood will be awaited with the confident expectation of the very best results. Mr. Linscott is enjoying an extensive trade in purebred Jerseys and credits a large share of his sales to the advertisement in Farmers Mail and Breeze.

Iowa**GRANT GAINES.**

W. H. Seddon—Col. Gano.

W. H. Seddon, Persia, Iowa, is a breeder of Durocs that has come into the limelight through the sale of Col. Gano last winter. Mr. Seddon is one of the hog breeders who has arrived. He is not a "coming man," nor one who "has been." He knows hogs and their needs and has as fine a lot of spring pigs as this writer has seen this year. Many are by Col. Gano. Mr. Seddon bought Col. Gano as a pig and developed him into a boar the "talent" all declare is one of the outstanding boars of the breed. Col. Gano is by King the Col., by King of Cols., by Prince of Cols. For size, smoothness, scale, style, few boars have ever equaled him and in the opinion of this writer none has excelled him. We will have more to say later about this good herd.

R. J. Harding—Col. Gano.

On August 2, at Carson, Iowa, Mr. R. J. Harding, Macedonia, Iowa, will sell a select lot of Duroc-Jersey sows and boars. The boars are a high class lot of herd header material and the fact that they have been reserved for this sale gives them an endorsement that ought to be acceptable to the best breeders. In the sow line, Mr. Harding has a surprise for all. There will be about 15 sows bred to Col. Gano. Col. Gano is the newest candidate for high honors in the Duroc world. This hog was "discovered" last winter when Mr. Harding bought one-half interest in him of Mr. W. H. Seddon, Persia, Iowa, at auction for a long price. Col. Gano is the ideal hog, or as near as this writer has discovered. Col. Gano weighed 900 pounds on June 1, and he is not a fat hog at that. He belongs to the half-ton class, and he breeds the same big scale and smoothness with good colors. Keep Mr. Harding's sale in mind and listen for a noise by Col. Gano at Des Moines state fair.

Editorial News Notes.

The Oswego College, Oswego, Kan., a progressive school for young women is located in the extreme southeastern section of Kansas near the borders of Missouri and Oklahoma. Attractive homelike surroundings, fine equipment offer special training for young women fitting them for the home and for any career in life which they may choose. Write for illustrated catalog which gives full information, price of tuition and other particulars. Kindly mention this paper.

Mr. J. L. Clark of Ashland, Ohio, of the well known firm of Dr. Hess and Clark, has built the Samaritan Hospital at Ashland at a cost of \$85,000. It was dedicated in the presence of an immense audience May 28, according to the Ashland Press. This paper refers to Mr. Clark as "Ashland's leading citizen." The firm of Dr. Hess and Clark has built up an enormous business during the past decade. It is pleasing to see some of the profits go to such a worthy cause as this hospital.

Cover Your Alfalfa Hay.

If you want to stack your hay so it will thoroughly cure and not spoil or show musty in the bale, if you prefer to stack your hay in order to save the cost of baling you can do so and at no risk of having it spoil if properly stacked if you use Equity Metal Stack Covers. They last for years and will not rust. Can be adjusted to any size stack, will save its cost very likely the first season. They are becoming very popular throughout the alfalfa territory. For prices and full particulars write Kansas Metal Granary Co., 434 N. Wichita St., Wichita, Kan. Please mention this paper.

Kansas Man Likes Hart-Parr Engine.

In regard to the gasoline-kerosene engine on the farm, I have a tractor built by the Hart-Parr Co., of Charles City, Iowa, which was purchased in 1908, and have plowed about 2,000 acres of sod and old ground, and have put on \$30 worth of cog wheels and consider the engine as good as new. We pull seven 14-inch sod plows or 12 disk plows, in tough buffalo sod, also have a 36x55-inch Case separator with all attachments which the engine handles with ease. These engines will burn kerosene or gasoline, but seem to develop the most power from cheap kerosene, which costs us 5 cents a gallon at Coldwater and we use 3 1/2 gallons to the acre in heavy plowing. In thrashing one man tends to the engine and separator, and pitches about one-half of the time, and in plowing one man with a 14-year-old boy to guide, runs the outfit. These engines are the biggest money savers ever produced and a man farming one-half section or more can soon make the engine pay for itself.—G. W. Dale, Coldwater, Kan.

How to Get Rid of Worms.

Stomach and free intestinal worms are, as every sheep owner knows, the bane of the business. Through them millions of dollars of profit are lost every year. The majority of the diseases with which sheep and other farm animals are afflicted can usually be traced to worms. There is no need to suffer such losses in sheep or other livestock if farmers will make it a point to use a worm preparation which has been to use a worm preparation which has been used and strongly endorsed by many agricultural colleges, breeders and feeders. Its efficacy has proven it is the most efficient treatment for these destructive pests on the market. We refer to "Sal Vet," a worm destroyer and conditioner manufactured by The S. R. Fell Co., Cleveland, Ohio, which is having a phenomenal sale. The makers of "Sal Vet" have such absolute confidence in its merit that they offer to feed any farmer's stock "Sal Vet" 60 days before you pay. If it fails to do what is claimed you pay no charge will be made. See page 13. Fill out coupon and mail to address given, mentioning Farmers Mail and Breeze.

BERKSHIRES.**BERKSHIRES, SHORT-HORNS and JERSEYS**

FOR SALE—25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. CRIST, -: OSAWKIE, KANSAS

WILDWOOD FARM BERKSHIRES

Headed by
SIR MASTERPIECE 2D AND WILDWOOD REVELATION 125617.

Pigs, March and April farrow, priced very reasonably. Get in your order early for choice pairs and trios. Choice gilts will be bred to Sir Masterpiece. Only the best shipped on order and all representations guaranteed.
Address
O. L. STEANSON, TROY, KANSAS.

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood).
E. D. KING, BURLINGTON, KANSAS.

POLAND CHINAS.**A Sketching Trip**

THROUGH MISSOURI, KANSAS AND OKLAHOMA

early in July. Write your wants at once. I sketch all kinds of livestock. Bred sow and show boar sale in August. Write for catalog.
HARRY SPURLING, TAYLORVILLE, ILL.

W.E. Epley's Polands

Some good October boars for sale. Strictly big type.
W. E. EPLEY, DILLER, NEBRASKA

Welch's Big Type Polands Large, growthy, good boars and gilts. A great bargain, also, in our herd boar by progression. Write for particulars.
L. H. WELCH, GARFIELD, KANSAS.

Fall and Spring Boars

I have 7 spring yearling boars and 5 Sept. fall boars for sale. Big, smooth boars of big type breeding. Priced right. A. L. Albright, Waterville, Kas.

HALF TON BOAR FOR SALE GIANT MONARCH

Also a few tried sows bred to this great boar. W. C. MILLIGAN, Clay Center, Kan.

HILDWEIN'S BIG POLANDS

Herd headed by a great son of Expansive. Spring pigs by the leading big type sires of the day. Choice stock for sale and satisfaction guaranteed. Big sale Nov. 1. Walter Hildwein, Fairview, Kans.

MAPLE GROVE HERD Big Type Poland Chinas

Herd headed by EXPANSION LOOK 61191. Best of big breeding and individuality represented in my sow herd. Fall sale October 26.
R. B. DAVIS, HIAWATHA, KANSAS.

Manderscheid's Polands.

Fashionable blood lines. High class individuals. Spring or fall boars; gilts, bred or open. Prices reasonable. Descriptions guaranteed. Write today.
E. J. MANDERSCHIED, St. John, Kansas.

Expansion Too 59484

Is the sire of my March gilts and boars. He is a line bred Expansion hog, being sired by Expansion Over and out of Pan's Perfection, by Pan Jr. His pigs from sows by Cowles's Tecumseh, Pawnee Price and Blain's Last Hadley are big type individually and in breeding. Low prices on gilts to buyers of several during July. Growthy boars for sale.
F. S. COWLES, R. R. No. 2, Lawrence, Kan.

Prairie Springs Big Type Poland Chinas.

O. K. Lad 59098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service. Choice stock by the leading big-type sires for sale. Fall sale October 18. Come or write.
C. L. BRANIC, HIAWATHA, KANSAS.

EXPANSIVE FALL BOARS FOR SALE!

I still have a few extra choice fall boars by Expansive, August and September, 1911, farrow, weighing 300 pounds and better. These are extra good in every respect and are the last sired by this great boar. To see them is to buy. I guarantee satisfaction. Write or call.
H. B. WALTER, EFFINGHAM, KANSAS

PFANDER'S KING 60262

by Long King, heads my herd of strictly big type sows including daughters of A Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale. Fall sale October 22.
JOHN W. NOLL, WINCHESTER, KANSAS.

ETTERVILLE BREEDING FARM

Devoted to the raising of the old original Big Banded Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and are priced right.
EDGAR DOOLEY, Owner, ETTERVILLE, MO.

Poland Chinas That Grow Big

Booking orders now for spring pigs—boars and gilts—by A Wonder, the 1,200-pound boar and out of 700 and 800-pound sows, some extra fine prospects. Also pigs sired by Big Joe and out of A Wonder sows. These are great. Get your order in early. They are going fast. Pigs shipped about 3 months of age. Write for my private sale catalog. It is a history of my herd, including the great A Wonder and his get.

HENRY FESSENMEYER, CLARINDA, IOWA

BERKSHIRES.

Jewell County Berkshires Fall gilts and yearling sows for sale, bred or open.
C. W. ELYEA, JEWELL CITY, KANS.

Sutton Farm Berkshires

We are offering selections from 100 spring pigs, mostly sired by Judge Robinhood, at very attractive prices. We are also booking orders now for some very nice gilts bred for early fall farrow. We will sell two tried sows bred for Sept. farrow.

Sutton Farms, Lawrence, Kansas.

Berryton Duke Jr.

POLAND CHINAS.**Tabor Valley Polands**

15 fall gilts bred for August and September farrow. Also 18 September boars for sale. Big, growthy stock. Priced to sell quick.
L. E. KLINE, - Zeandale, Kansas.

THE HOME OF CAPTAIN HUTCH.

I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 3d, Hutch Jr., Mow's Longfellow Price, Panoramble and A Wonder out of Long King's Equal sows and sows of the best big type breeding and immense individuals in size and quality. Order early and get first choice. Pigs shipped at three months old. Nothing but first class stuff shipped. Send for private sale catalog and prices. In buying at this age you save enormous express charges. C. W. JONES, SOLOMON, KAN.

Dean's Mastodon Polands

Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All

Immunized by Double Treatment

Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address
CLARENCE DEAN, WESTON, MISSOURI

Mammoth Poland Chinas

My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money.
F. P. ROBINSON, MARYVILLE, MISSOURI

POLAND CHINAS

40 SPRING BOARS
50 SPRING GILTS

Booking orders now for June delivery, 40 years' experience. Can furnish big, lusty fellows. Can furnish spotted if desired. Yours for hogs with stretch.
T. T. LANGFORD, Box M, JAMESPORT, MO.
Mention Mail and Breeze when writing.

Poland Chinas

Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions.
JOSEPH M. BAUER, ELMO, KANSAS.

BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

SNAP—Section, level wheat land at \$10.00, terms. Box 418, Hill City, Kansas. Owner.

320 A., 100 good alfalfa land, 160 natural hay land. Near station. \$30.00 per a., terms. Moore & Falls, Liberal, Kan.

240 ACRE creek bottom farm, fine alfalfa land, highly improved, near town; \$55 per acre. Write for list. T. B. Godsey, Emporia, Kan.

IMPROVED 160 a. near town, 80 a. in cult., 80 a. meadow, all tillable. \$40 per a. Land list and Kansas map free. Eberhard & Miller, Whitewater, Kan.

FOR BARGAINS in Marshall and Washington Cos., Kansas, land or any other county you want it, write PRALLE BROS. REALTY CO., Bremen, Kan.

WANT some cash buyers for Graham county land; good bargains and good terms. Good farm land \$20 and up. Pasture land \$10 and up. MEYER BROS., Morland, Kan.

FREE information about alfalfa, corn, Kafir and cane land; hogs, cattle and the best pasture land in the world. Cedarvale National Bank, Cedarvale, Kansas.

1,600 ACRES in one body, fenced, well watered, well located, all grass, 40 per cent smooth, in Morris Co., very easy terms. \$22.50 per a. Mott & Kohler, Herington, Kan.

FORD AND HODGEMAN Co., Kansas, wheat land making 15 to 30 bushel wheat to the acre. Black loam soil, 65 to 90 per cent level as a floor; from \$17.50 to \$35 per acre. Write or wire me to see the land. You will sure buy. W. A. STURGEON, Hutchinson, Kan.

270 ACRES of bottom alfalfa land. 12 to 14 feet to the best of sheet water. With in three miles of two R. R. towns, and with in ten miles of ten R. R. towns. 120 acres of wheat will pay one-half the price asked per acre for the land. 80 to 90 acres in corn. 15 to 20 acres of oats. \$55 per acre, easy terms. J. B. CRAMER, Wichita, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

BARGAIN: 80 acres, 68 a. cultivated, balance pasture, 10 a. alfalfa, 6 room house, good barn and outbuildings. Price \$4,500, \$1,500 cash. Write for free lists. W. G. STUDEBAKER, Salina, Kan.

90 A. 3 1/2 mi. from Ottawa; 7 r. house; small barn; hay lot; other outbuildings; 2 never failing wells; 25 a. bluegrass; 15 a. clover; 3 a. timber; remainder all in corn; 50 a. alfalfa land; price \$65 acre. Can buy with small payment down. MANSFIELD, Ottawa, Kansas.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$60. List free. LANE & KENT, 3rd St., Burlington, Kan.

SOUTHEASTERN KANSAS is the place to go for good homes, low prices and easy terms. Send for full information. Address THE ALLEN COUNTY INVESTMENT CO., Iola, Kan.

CHASE COUNTY RANCH. 1,460 acres, 150 acres under cultivation creek bottom, well improved; well watered, springs, wells and creek; 7 miles of town. Price \$23.50 per acre. Other farms. KLOTZ & HOEL, Cottonwood Falls, Kan.

BARGAIN—160 ACRES, WELL IMPROVED. 2 1/2 miles from town, good soil, all nice smooth, level land, all fenced, 40 acres pasture, balance in cultivation. Price \$7,000. Address GILE & BONSALE, South Haven, Sumner county, Kansas.

BUTLER COUNTY, KANSAS, 160 A. New buildings, 80 acres in cultivation, balance grass, good alfalfa land. \$6,000, terms. BEATTY REALTY CO., Wichita, Kan.

BARGAIN. 160 acres, good land, 8 room 2 story dwelling, good barn and outbuildings, well watered, shade trees, orchard, fine location, school across road, 3 miles from town, sure bargain at \$50.00 per acre. Send for list of bargains. F. C. LIBBY, Blue Mound, Linn Co., Kansas. J. L. Wilson, Salesman.

ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY

Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.

An Ideal Ranch

1,120 acres, 7 miles from Goodland, the county seat of Sherman county Kansas; two (2) good frame houses, splendid barn 42x10 feet, large cattle shed, two chicken houses, splendid well of water equipped with good wind mill; 200 acres in cultivation; 640 acres fenced with two wires; soil is a deep loam, suitable to all crops native to this zone. Every acre of this farm is smooth tillable soil; "no rough land"; shallow to water; irrigation can be established cheaply from the underflow.

This is certainly one of the most ideal farms in western Kansas.

Owners are old and wish to retire. Price, for immediate sale only, \$15.00 per acre.

Goodland is a thriving town of about 2,500 people, a division point on the Rock Island Ry., has fine schools and churches, where all of the environments of any eastern town are enjoyed.

E. W. SULLIVAN,
Box 777. Goodland, Kans.

CHEAP KANSAS AND OKLAHOMA FARMS 1,440 a. improved, Okla., price \$30, all on time. Howard, The Land Man, Wichita, Kan.

CATHOLIC FARMERS.

I have some of the best improved farms, near Scipio (in Catholic settlement), Anderson Co., Kansas, for sale at the owners' prices. Cash sales a specialty. Free lists. Address W. L. MORRIS, Owner's Agency, Garnett, Kan.

1,440 A. FINE ALFALFA FARM IN LOGAN COUNTY, KANSAS.

Good improvements, 20 ft. to soft water, creek, timber, etc. Sell part or all. A bargain. Easy terms, some trade. Address Owner, Box 162, Bloomington, Ill.

HASKELL COUNTY LANDS.

25-Quarter Section, 25. Located right along the line of our new railroad which is being built southwest from Dodge City, Kan., at the rate of a mile and a half per day. Some of these lands join the town sites of Sublette and Satanta. Prices \$12.50 to \$25.00 per acre. Good terms. Write me for particulars. Delays are dangerous, do it NOW. FRANK MCCOY, Santa Fe, Kan.

EASTERN KANSAS BARGAINS.

Improved stock and grain farms; \$30 to \$65 per acre; write for list free. J. E. CALVERT, Garnett, Kan.

FARM BARGAINS.

Choice wheat and alfalfa lands in famous Medicine and Sharon Valley, \$25 to \$50 per a. J. P. DUNCAN REALTY CO., 712 Beacon Bldg., Wichita, Kan.

LINN COUNTY FARMS.

Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$80. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. EBY BROTHERS & CADY, Pleasanton, Kan.

BUY NOW.

Fine level wheat lands in Meade Co., 2 to 10 miles of town, at \$12 to \$17 per acre. Easy payments. 80 to 640 acre tracts. Some good bargains in small ranches near town. MARRS & DAY, Meade, Kan.

25 BUSHEL WHEAT—HARPER COUNTY, KANSAS.

You should see it; best in Kansas. We have 160 acres, 1 1/2 miles to good trading point, every foot tillable, lays beautifully, fine wheat, corn and alfalfa soil; no rock, sand, gravel or gumbo; fine water, best young orchard and grove in southern Kansas, fair improvements, very best neighborhood. Price \$7,500. Can loan \$3,000 on it. Write us now. J. E. COUCH LAND COMPANY, Anthony, Kansas.

LAND! LAND! LAND!

In Okla., Gulf Coast country and Kan. Prices low; terms easy. Exchanges made. JABEZ F. BRADSHAW, Lenexa, Kan.

FOUND

A beautiful, smooth, level half section of land lying 9 miles from town that we can sell for \$3,600. The cheapest half section on the market; first class soil. No better proposition in the county. Who wants it? COONS & JACOBS, Plains, Meade Co., Kan.

408 Acres Fine Improved

5 miles to Arkansas City, Kan. 220 is fine bottom. Lots of fine alfalfa. If you want a good one ask about this, \$55 per acre. Can loan \$30 acre on this farm. WM. GODBY, Arkansas City, Kan.

Sedgwick County Farm Bargains

320 a. farm; best alfalfa, corn or wheat land; lays level; shallow to soft water; improved; \$65.00 per acre, half cash. 160 a. well improved; all hog fenced; \$50 per acre, half cash. 80 a. farm, valley land; good house, barn; 20 acres alfalfa; \$80 per a. terms. 160 a. alfalfa land improved; one mile R. R. station and fine Catholic church; \$80 per a. terms. 1,360 a. ranch improved. Living water; \$22.50 per acre. H. E. OSBURN, 227 East Douglas, Wichita, Kan.

\$40 PER ACRE

buys an improved 160 acres Montgomery county fine alfalfa land—nicely located—close by market. Write for free list of best bargains in S. E. Kansas. FOSTER BROS., Independence, Kan.

DON'T READ THIS

unless you want to make a good profit on a small investment. I have a proposition to offer that you cannot afford to let pass you. Level, well located residence and business lots in rapidly growing town. Prices \$12.50 to \$50, easy monthly payments. Write for particulars. JOHN W. BAUGHMAN, Desk "G," Plains, Kan.

160 Acres S. E. Kansas \$6,000

Choice tract, two miles from good town. 100 acres broke, 25 acres mow, 25 acres pasture, 10 acres timber on creek. Small improvements. Will make you a good home. 1/2 cash. Write owner.

GEO. N. UPHAM, Coffeyville, Kan.

Cattle Ranches

560 acres Greenwood Co., \$18.50 per a. 960 acres Greenwood Co., \$16.00 per a. 12,000 acres Mule creek bottom, Comanche Co., 10 per a. 3,000 acres, smooth, Comanche Co., \$10.00; terms on one-half. We have other bargains in ranches. The Leach Realty Co., Wichita, Kan.

OKLAHOMA.

BEST FARMS in Oklahoma \$20 to \$50 per a. Write C. A. West, Miami, Okla.

EASTERN Oklahoma Indian lands. List free. Write F. S. Ashleman, Nowata, Okla.

160 A. 4 ml. county seat, good improvements, 100 a. in cult., splendid water, price \$7,500. You can buy this place by paying \$1,000 cash and \$500 a year. J. H. FUSS, Medford, Okla.

OKLA. BARGAIN. Smooth, well imp. S. W. Oklahoma farm, 160 a., for sale short time at \$4,800. Terms. This is under the market, crops good. Values going up. Deal direct with owner, H. W. Bigham, Tulsa, Ok.

620 ACRES 5 miles city 5,000 this county. 450 acres smooth bottom and second bottom black limestone land without rock or overflow. Balance rough pasture. 300 acres in cultivation, 5 sets of improvements. \$18 per acre. All crops extra good here. Write us for information. SOUTHERN REALTY CO., McAlester, Okla.

FOR BEST FARM LANDS

In Payne and adjoining counties, \$20 to \$50, write Ira Stout, Farmer's State Bank, Cushing, Okla. Map and list free.

FOR IMPROVED FARMS

In the garden spot of Oklahoma, write JOE CAKE, Hunter, Okla.

POCKET MAP OF OKLAHOMA

for five names of persons in, ending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

TERMS TO SUIT.

160 a. 7 miles of Medford, 4 1/2 miles of R. R. town, 35 a. fenced with 3 ft. woven wire in pasture, balance in cult., good orchard, small fruit, fine water and mill, 4 room house, large barn and sheds, 2 miles of school, some wheat. Good loose loam soil, good ALFALFA land. Write us for trades. BATTEN REALTY CO., Medford, Okla.

All About Oklahoma

Send for my free book. PERRY DEFORD, Oakwood, Okla.

Oklahoma Wants You 500 choice farms for sale, for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

Indian Lands for sale, 300 choice farms, N. E. Okla., low prices. Easy terms. Perfect title. E. T. TETER & CO., NOWATA, OKLA.

Eastern Oklahoma

Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

GET A FARM ON PAYMENTS

Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.

Oklahoma, Arkansas and Louisiana Farms For Sale

farms for sale in 40 acre tracts and up, easy terms. Write for literature on state desired. We are owners, not agents. We have 15,000 acres in Okla.; 10,000 acres in Ark., and 4,000 acres of rich Red river bottom land in La. Tenants wanted who can farm 320 acres or more of our lands in La. Agents wanted. Address ALLEN & HART, 308 Commerce Bldg., Kansas City, Mo.

ARKANSAS.

LARGE LIST of N. W. Arkansas farms for sale. Write A. L. Trent, Fayetteville, Ark.

ARK. fruit farms, \$12.50 to \$40 a. Easy payments. Jesse A. Bell, Greenwood, Ark.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, Ark.

80 ACRES improved close to Bentonville. Price \$8,000, worth \$10,000. Easy terms. Write J. W. Grant, Bentonville, Ark.

BENTON CO., greatest fruit growing Co. on earth, 40 to 160 a. tracts. Write for list. C. R. Craig & Co., Bentonville, Ark.

80 ACRES improved, 50 fruit, bal. timber, near Rogers. Price \$1,600 for quick sale. Write E. W. Dawkins & Son, Rogers, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$80 per acre. List free. L. A. JUSTUS, Foreman, Ark.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

FOR FREE INFORMATION about Arkansas fruit and general farming land, at low prices, on liberal terms, write us. New list free. Griffin & Wassop, Gentry, Ark.

900 ACRES good farm land on railroad, rural route and phone line. Part cash, part trade. Price \$10.00 per acre. H. M. McIVER, Texarkana, Ark.

160 ACRE improved red-land farm; 80 cultivation; 18 hay meadow; 35 woodland pasture; lasting well and spring water; \$3,000. Terms easy. ROBERT SESSIONS, Winthrop, Ark.

DOLLARS don't grow on trees but they do grow when put in the cheap lands I have for sale. Any size improved or unimproved. Will ship several hundred cars alfalfa. Fruit and truck in July. Terms easy. L. B. ROBERTS, Blevins, Ark.

318 ACRES, 280 being very rich black river bottom land, 165 in cultivation. 17 acres upland. 100 bottom land practically cleared, has heavy growth cane. 4 tenant houses, barns, other outbuildings. One large barn 48x80 and a rent barn with wagon scales, shed, cribs, etc. This is undoubtedly one of the best tracts of land on Black river, 5 miles below Black Rock. \$37.50 per acre. For full particulars write J. L. McKAMEY, Imboden, Lawrence Co., Ark.

IF YOU WANT TO LIVE

come to Springdale; no malaria, mosquitoes, negroes or saloons. Bumper apple crop. 120 a. fenced, no buildings, \$1,800; 144 acres imp. \$3,000. City homes, 8 a. \$3,000; 17 a. \$3,500. List free. FREDRICKS REALTY CO., Springdale, Washington Co., Ark.

ARKANSAS LANDS.

For fruit or general farming at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

FARM AND FRUIT LANDS

In southwest Ark., ideal climate, abundant rainfall, bountiful crops; good homes and money-making investments. Lands \$150 to \$200 per a. LIST FREE. W. J. BARTON, (57 yrs. residence), Cove, Ark. (On K. C. S. Ry.)

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

BEAUTIFUL OZARKS OF ARKANSAS.

Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

A FARM FOR YOU IN ARKANSAS.

40 acres GOOD LAND \$600.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tracts proportionate terms.

Our sixteen years' experience is at your service in investigating Arkansas. Real Estate Department, TEXARKANA TRUST COMPANY, Texarkana, Arkansas, Map for 2c stamp.

For Sale in Southwest Arkansas

80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

Scott County, Arkansas

where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

Arkansas Farms

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

NEBRASKA.

HOMESTEAD—320 acres rich farm land for \$175, filing fees and all. No sand hills. J. A. Tracey, Kimball, Neb.

NEW MEXICO.

FOR SALE—Our entire real estate business, paying over \$5,000 per annum and owning townsite of prospective country seat on railroad; an excellent opportunity; or will sell managing interest. Write **MOSQUERO LAND CO.**, Mosquero, N. M.

FREE HOMESTEADS IN MOUNTAIN RAIN belt; rich, level land; shallow water; plenty of timber; near railroad town; the last chance of the homesteader; send quarter for full information. **MOSQUERO LAND CO.**, Desk D, Mosquero, N. M.

ARIZONA.

150,000 ACRES

in Colorado River Indian Reservation along Colorado River, at Parker, Ariz., to be opened soon. **RICHEST AND CHEAPEST LAND IN THE WEST.** Unlimited water for irrigation. Send \$1.00 for six-months' trial subscription and complete information of how to obtain at low cost some of this rich agricultural land when available. Good climate. **PARKER POST**, Parker, Arizona.

MISSOURI.

FINE Howard Co. farms. None better. List free. C. C. Furr, Fayette, Mo.

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

HEY, THERE! 80 a. 1 1/2 mi. out. Extra well imp. \$50.00 a. worth \$60.00. No trade. Baker Realty Co., Mountain Grove, Mo.

MISSOURI farm lands. No better grain and stock land anywhere. Write for list and prices. Fulton Real Estate Agency, Fulton, Mo.

CENTRAL MISSOURI FARMS. Write for list of 100 good grain and blue-grass farms described and priced. **HAMILTON & CRENSHAW**, Box 2, Fulton, Mo.

CALLAWAY COUNTY, MISSOURI. In the heart of the great grain and stock-raising section of the Mississippi Valley, offers fertile lands, good climate, ample, well distributed rainfall, reasonable prices. Write for 1912 catalog. **W. ED. JAMESON**, Box D, Fulton, Mo.

FREE "Homeseekers' Review" BEST LAND Many big bargains. **WEST PLAINS REAL ESTATE CO.**, West Plains, Howell County, Mo.

MISSOURI.

CARTER COUNTY BARGAIN. 150 acres of good unimproved farming land, located 9 miles of Van Buren, county seat of Carter Co. Fine pasture land, also fine for dairy and fruit farming; in fact you can raise almost everything raised in the North. Fine climate, good water, schools, churches. A bargain at \$10 per acre. Write **JOHN M. CARNAHAN**, Van Buren, Mo. (County Clerk and Recorder, Carter Co.)

COLORADO.

BEAUTIFUL irri. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Colo.

320 A. homestead relinquishments, a few choice ones, fine land, last chance. Write us. **National Inv. Ass'n.** Akron, Colo.

480 ACRES. BARGAIN. \$65 PER ACRE. North of Denver, close to railway. Improved, cultivated, fenced, irrigated, free water right. **L. A. COBB**, 242 Century Bldg., Denver, Colo.

CATTLE AND HORSES. 150 head fine cattle and calves; 14 head fine, well bred horses; some will weigh 1,700 lbs. All farm machinery and the best bargain you ever saw in a 900 acre irrigated ranch with abundance of water, 3 mi. from R. R. on the Western Slope in Colorado. The best bargain in the country. Ranch and stock can be bought at one-half what they are worth. Write for particulars. I have irrigated ranches which have yielded more than 20 per cent annually for the past seven years on the price asked for them. **CARL M. COOK**, Limon, Colo.

320 ACRE HOMESTEAD for 3 years' residence with annual leave of absence of 5 mo. granted. Relinquishments and choice deeded tracts for sale cheap. 24 years' residence. Write for folder, and copy of the new homestead law. **THE WESTERN REALTY CO.**, Eads, Colo.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$8 to \$25 per a. Write for full information. **Chas. M. Stark**, Eads, Colo.

A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. **SHIELDS-BEGGS LAND CO.**, Fort Morgan, Colo.

HIGHVIEW PARK. We have five acre tracts up to any number of acres you want; of irrigated land, so close to Denver that you can reach the city limits in a few moments' time and sell direct to the consumers. Every acre has a No. 1 water right under the Castlewood Reservoir. There is plenty of water in storage and you can have the moisture just when you need it and as much as you need. This land is splendid for orchard, general farming, truck gardening, poultry raising, and dairying. Price \$75 to \$125 per acre. Five to seven years' time on deferred payments. You can pay monthly, quarterly, semi-annually, or annually. Now is the time to see this land. Railroad rates from most of eastern Kansas points for the round trip to Denver, \$17.50. Write us today for further information. **Denver Suburban Homes and Water Company**, Denver, Colorado. **James Butler**, Eastern Representative, 1230 Fillmore St., Topeka, Kansas.

NEW HOMESTEAD LAW. Get a 320 acre claim; Government only requires 3 yrs. residence now, 5 mo. yearly leave of absence. Relinquishments \$1.00 per a. up. **LEPPERT LAND CO.**, Eads, Colo.

HIGH GRADE COLORADO FARM. 240 a., 150 a. cult., 70 a. fine fall wheat, 2 a. alfalfa, irri. for truck patch, farm timber on creek, fair impvts., pipes spg. water in house, 7 mi. R. R. town. Price \$25 an acre; take some cash, some loan and smaller place E. Nebraska or E. Kansas. **E. L. PALMER**, Laird, Colo.

Avoid Drouth and Floods

Constant sunshine, abundant water supply, fertile soil, in the Pueblo Irrigation District, which adjoins Pueblo. Land at present, \$30 per acre, on easy terms. Low cost of water, payable during twenty years, commencing year after delivery. This insures a good crop before any payment on water is due. Investigate now before prices advance. Write for circular and maps. **COBURN & MCCLINTOCK**, Box 797, Pueblo, Colo.

TEXAS.

FREE ILLUSTRATION describing land in the famous Texas mid-coast country. **Smith Diebel Land Co.**, Victoria, Tex.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. **Fidelity Immigration Co.**, Eagle Lake, Texas.

PROFITS IN GULF COAST LAND. Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write **THE ALLISON RICHIEY LAND CO.**, 2nd Floor Carter Bldg., Houston, Tex.

YOU CAN'T AFFORD TO MISS THIS ONE! A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. **J. C. SCHOFIELD**, Edna, Tex.

An Ideal Farm

640 acres, 600 acres good, black, tillable wheat land, 100 acres cultivation, 35 acres best of black sub-irrigated alfalfa bottom, large stream of water, all fenced and cross fenced, 5 room house, well of fine water, windmill, shed barns for 18 head stock, hog pens, corrals, etc. 5 miles county seat, best county in Texas Panhandle; 1/4 mile railroad. Irrigated section. Price for quick sale \$25 per acre. Terms. **A. S. GILLES**, Owner, Box 312, Edmond, Okla.

CANADA.

LAND—LAND—LAND—LAND Wheat Land—Ranch Land—Coal Land Unlimited in Quantity—Unequaled in Quality Raw and improved land at reasonable prices in Southern Alberta, cannot be beat for wheat or mixed farming. Opportunities for dairymen, poultrymen, truck gardeners. Town lots and business property for sale. Let me tell you about this country and its resources. **F. W. FORSTER**, Box F-1, Pincher Creek, Alberta, Canada.

MICHIGAN.

Michigan Farms

Have you heard about the rush for Michigan lands? The world is awakening to the great opportunity. It's a regular "Forty Niner." If you are looking for land, now is the time. Ask for my booklet that gives you the facts and list of bargains.

S. V. R. HAYES, Dept. D, Grand Rapids, Mich.

NEW YORK.

GREAT SACRIFICE! LOOK!

Farm of 130 acres, ten room house, two large barns, shop, sheds, fruit, 1 1/2 miles from railroad town, fifteen cows and heifers, mower, rake, sulky plow, corn planter, wagons, sleighs, all for \$3,200, \$1,500 cash, the balance five per cent. **HALL'S FARM AGENCY**, Elmira, New York.

MEXICO.

EVER HEAR OF MACINESO, Mexico? Place of FREE HOMES and perpetual income. Everything guaranteed. **J. M. Mason**, Columbus, Kan.

Get Tools Ready for Harvest.

These hot, growing days for crops should not be lazy days for the farmer. Right now is a good time to look over the tools you will be using the next few months. Get them into shape for use. See what you are needing in new tools, and then go to town and get them. Within a month you will be mighty busy and not have time to do so. There are not many farmers who put off the important things connected with running a farm. They will buy a reaper in plenty of time, but if they have one they don't always see to it that bolts are tight, gears in perfect condition, wheels oiled or knives sharp. The trifles seem so little that even the best of us are apt to overlook their importance or the expensive delays that a number of trifles can cause. Not long ago I heard the head of a department in a large manufacturing plant say: "Well, I haven't accomplished a thing today, and I have been busy every moment." He had been busy, he explained, straightening out trifles that had been overlooked by others. To mention some of these trifles—do you need corn knives, hay knives, hatchet, axe, hammer, tools for repair work or for new buildings, hay or header forks? Of course, one could easily make the list much longer but these will suggest others. A catalog of good tools is something that ought to be part of the working library of every farmer. One of the handiest that we have seen is the 104-page book of Keen Kutter goods made by the Simmons Hardware Company, Inc., St. Louis and New York. Your hardware dealer can probably supply you, but if he will not, write to the nearest address and one will be sent you. See ad on the back page. Write for the catalog.

Scientific Farm Management.

To the careful observer there can be no doubt that the era of scientific management is extending to every branch of industry, and that it has come to stay. Every type of industry, no matter how well known are its methods of procedure or how simple its operation, is concentrating all its energies on the saving of a cent here and there in its raw materials, in its methods of production, and in its means of distribution. There is a vast field for wise economy in the farm of today, and the progressive farmer is taking advantage of it, and slowly but surely is forging ahead of his "old-fashioned" neighbor. The mere temporary saving of money is not the aim of scientific management. It is the permanent saving that the shrewd one is looking out for. A farmer would not think of buying pitchforks merely because they were 10 cents cheaper than another brand, if the less expensive pitchforks broke under more than ordinary strain. What possible economy could there be in that? The progressive farmer has realized that he must take advantage of every real improvement. If he doesn't do it, some of his neighbors will, and he will be left behind. Take, for instance, the big item of roofing for all his buildings. He has found that the use of present-day short-lived shingles is little short of a sheer waste of money. So naturally he looks for roofing in keeping with the economy of the times. It is not surprising, therefore, that we find the progressive farmer using Genasco Ready Roofing. We learn that he adopts the "show me" attitude, and satisfies himself of the relative merits of various roofings before he makes a choice. When he discovers by means of the convincing "Good Roof Guide Book," issued gratuitously by the Barber Asphalt Paving Company, Philadelphia, that Genasco is made of Trinidad Lake asphalt, the lasting waterproofer of nature, it is not difficult to see why he decides that this is the roofing for him. He knows that it means absence of repairs, saving of time, and the stopping of money-leaks in covering his buildings. Thus, he is able to economize considerably on this one item alone. And this is only one illustration of the way the up-to-date farmer profits by scientific management.

Florida Lands For General Farming

We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

Howard-Packard Land Co., Sanford, Fla.

FOR SALE OR EXCHANGE

LIST your trades with Cassoday Realty Co., Cassoday, Butler Co., Kan.

GROCERIES and merchandise for farm. Other trades. **F. Gass**, Joplin, Mo.

BUY OR TRADE WITH US—Exchange book free. **Bersie Agency**, Eldorado, Kan.

WRITE FOR LISTS, sale or exchange. **The Eastern Kan. Land Co.**, Quenemo, Kan.

TEXAS LANDS and properties for ex. Ask for trade bulletin. **Deering & Neel**, Houston, Tex.

FARM BARGAINS. Sales, trades. Want Tex. land. Don't trifle. **Buckeye Agency**, Agricola, Kan.

160 A. improved, in Anderson county, Kansas, to trade for live stock. **Iler & Simmons**, Garnett, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get out fair plan of making quick square trades. **Graham Bros.**, Eldorado, Kan.

TO BUY or trade for wheat or alfalfa land at the lowest prices, write or see **Hogan & Keplinger**, Dodge City, Kan.

STATE UNIVERSITY. Buy house in Lawrence, Kan., while schooling your children. Large list, sale or ex. **Fugate Land Co.**

FARMS AND MERCHANDISE for sale or exchange. We match deals any size, any place. **United Land Co.**, Wichita, Kan.

160 A. 1st bot. land, best alf., corn or wheat land. 1 1/2 mi. good R. R. town. Fair impv.; \$75 a. Terms. **J. W. Sturgeon**, Eureka, Kan.

WANT FARMS, residence, stocks listed for exchange. I can help you. Ask for listing blank. **A. W. Bremyer**, McPherson, Kan.

FOR SALE OR EXCHANGE—Good wheat and corn lands. Describe and price your proposition. **Jess. Kinsner**, Garden City, Kan.

FOR SALE OR EXCHANGE—Irrigated or unirrigated eastern Colorado lands at reasonable prices. **Andrew Townsley**, Holly, Colo.

WE DO exchange property. Can do it for you. Bargains in farms and city property. Write for list. **Kuhlmann Realty Co.**, 331 East "D" St., Wichita, Kan.

WANT TO LIST your good trades? We can match them. Tell us what you have to trade and what you want. Write for our ex. list. **BUXTON BROS.**, Utica, Kan.

TO EXCHANGE for clear Western Kansas land, good farm land in South Central Kansas, 160 to 640 acres. Address owner, **H. C. Whalen**, 213 Bitting Bldg., Wichita, Kan.

175 a. farm, Howell Co., Mo., 90 a. in cult., al. good timber, good apple and peach orch., some berries, 4-rm house, other outbldgs. Plenty good water, 2 mi. town. Will sell \$50 a. if sold soon. Half in good rental property. Some cash, terms on bal. **IOWA, MISSOURI & KANSAS LAND CO.**, A. P. Cottrell, Mgr., Pomona, Mo.

FOR EXCHANGE—31 improved farms in Howell Co., Mo., all sizes. Write **OAKS**, Box 131, West Plains, Mo.

EASTERN KAN. farms. Write for free sale list. Also ex. list. Ex. a specialty. **RICE-DANIEL LAND CO.**, Garnett, Kan.

OR EXCHANGE—1,600 acres of land in Pittsburg county, Oklahoma. Good ranch and fruit land, part tillable, near coal, oil and gas fields. The owner would like to change for merchandise or income city property. \$12.50 per acre. **THE KANSAS INVESTMENT CO.**, 408 Barnes Bldg., Wichita, Kan.

SACRIFICE SALE. 160 acres 5 miles of Cherryvale, Kansas. First man with \$8,000 gets the bargain. Worth \$10,000.00. Must have the cash in sixty days. Now is the time to get busy if you want a bargain in this locality. We stake our reputation on this place being worthy of your consideration. **MIDDLE WEST EXCHANGE BUREAU**, Cherryvale, Kan.

FOR FARM LANDS AND EXCHANGES of all kinds address **John Capper**, Real Estate Agent, Lyndon, Kan.

FARMS FOR SALE or exchange, in the best part of Kansas, Dickinson, Morris, Marion and Butler counties. **J. W. BRADSHAW**, Herington, Kan.

SNAP FOR QUICK SALE. 320 acres 6 miles of town, well improved, 225 acres in wheat; an ideal home, price \$35 per acre, good terms. Also have land in western Kansas ranging from \$15 to \$25 per acre to trade for anything worth the money. **B. M. MURPHY & CO.**, Hutchinson, Kan.

WANT TO BUY EASTERN KANSAS FARM. Have 320 a. fine wheat land 6 mi. south Monument, Logan Co., Kan. 200 a. in cultivation, shallow water, small improvements. Price \$20 per acre. Must put in as part payment and will assume or pay cash difference. **IOLA LAND COMPANY**, Iola, Kansas.

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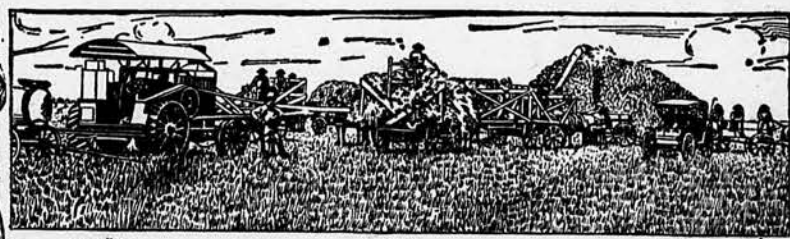
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