

May 29, 1915

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# FARMERS MAIL

## AND BREEZE



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The plow is the Emerson attached directly to the Big Four "20."

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**Plows  
Out the  
Corners—  
Doesn't Waste  
Room and  
Time in Turning**

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EMERSON Model L, 4 Cylinder, 2 Speed  
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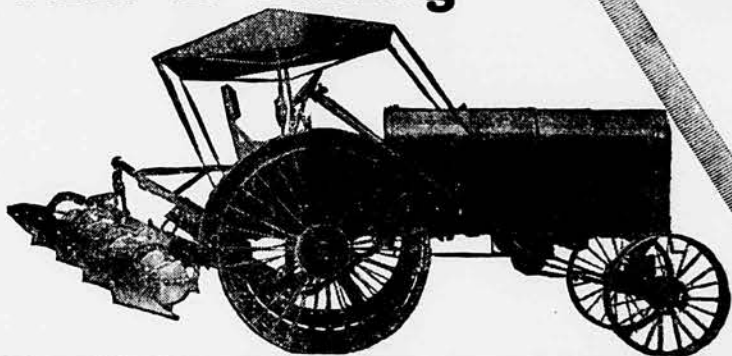
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"The Truth" by itself may be false because of what it leaves unsaid, or because while technically correct it is designed to mislead.

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It is the standard under which every reader of newspapers, magazines, outdoor signs, booklets, novelties—the printed or painted advertising message—has come to believe what he reads.

## Pointers For Tomato Clubs

BY M. F. AHERN,  
Kansas State Agricultural College.

The tomato is classed with warm weather vegetables and should not be transplanted to the field until all danger from frost is past. In Kansas the transplanting season lasts from early in April through the month of May.

The best success is obtained by growing the tomato in a flower or paper pot. It may then be set out in the open field with a ball of soil and there is less danger of breaking the feeding roots. Large plants should be set deeply, and if long and spindling a greater portion of the stem should be placed in the ground. Set the plant a little deeper in the soil than it previously stood. If water is used some loose soil should be pulled over the puddled portion to prevent evaporation. Medium sized plants apparently stand the hardship of transplanting better than small plants. Do not permit the roots to wilt as any check to their steady growth will cut down the yield. During hot, dry weather we have found it advisable to cover the plants with newspaper shaped like a cone. This method is only practicable on small plantations.

Large varieties should be set at least 4 feet apart each way. The smaller or tree tomatoes may be set 2 feet apart in the row and 3 feet between the rows.

Tomatoes usually are pruned to one, two or three stems. These plants are staked and tied with some thick material to prevent bruising the stems. This pruning usually begins when the plants are from 12 to 15 inches high. Experiments have been tried which would indicate a higher yield from plants so treated. Another and very important point is the length of the picking season. Pruning vines makes possible a much longer picking season.

Tomatoes grow well on almost any soil but a friable, rich, sandy loam is considered best for a heavy yield. These plants succeed, however, in a variety of soils.

Begin cultivating as soon as possible after the plants are set in the field and keep it up during the entire summer. Cultivate after every rain or after every irrigation. Provided there is a long dry spell, cultivate the soil often to conserve moisture. Cultivation should continue as long as one is able to run a cultivator between the rows without breaking the plants. Moisture is an important factor in the growing of tomatoes. It is claimed that water controls the blossom-end rot. This moisture may be secured by mulching and irrigation.

Two of the most destructive diseases are blossom-end rot and the so-called Mosaic disease. The former is said to be controlled by the use of water, keeping plenty of moisture in the soil. There is no practicable remedy for the latter.

Potato bugs and the cut worms often cause damage to the crop. For the potato beetle, spray with arsenate of lead or Paris green. Two pounds of arsenate of lead and 1/2-pound of Paris green to 50 gallons of water. This spray will also control the large green worm that attacks the foliage. For cut worms on small areas use a paper cuff around each plant, encircling the plant to a height of 4 inches. In large plots 1 teaspoonful of Paris green and 2 table-spoonfuls of sirup to 1 quart of bran. Make this mixture into a stiff dough with water and place a small portion of this near each plant. Spraying with Bordeaux helps to control late wilt and leaf spot.

### Lost: Three Months!

This is from an Oklahoma paper:

"How many unnecessary steps do you take every day in your routine of work? Just listen to this story of an Oklahoma farmer who lost more than three months in leading horses to water and then do a little figuring on your own part.

"In Hughes county, Oklahoma, a farmer watered his horses from a spring 200 yards from his barn. Every time his work horses got a drink the farmer and his horses walked 400 yards out of their way. One day the county agricultural agent, T. A. Miltstead, visited the farm and noticed that the farmer was taking many unnecessary steps. The agent suggested that a well be dug near the barn.

"The agent believed that water could be struck at 23 feet. The farmer doubted this but said he was willing to dig 50

feet if he could be assured of finding a plentiful water supply. Finally he proceeded to the digging of a well, and to the surprise alike of the farmer and the county agent a bountiful supply of water was struck at only 8 feet.

"Then the agent and the farmer got to figuring how much time was saved by the well. The farmer found that he spent 30 minutes on every trip to the spring and back. During the time he had lived on the farm he had spent 91 days of 10 hours a day leading horses to water. The time of the horses was also lost; so the farmer figured that his 8-foot well was about the biggest investment on his place."

## Get Ahead of the 'Hoppers

BY GEO. A. DEAN.

While there was no general infestation of grasshoppers in Kansas last year, there were several local infestations in different parts of the state, and during the late summer and early fall the grasshoppers were in sufficient numbers to seriously threaten the new alfalfa and the wheat. Conditions were favorable for the females to lay their eggs last fall and apparently a large percentage of the eggs passed the winter uninjured. Now, according to our field investigations and a number of reports from various parts of the state, large numbers have hatched out and it is very probable that the grasshoppers will do considerable damage to farm and garden crops, unless a prompt and vigorous effort is made to put into operation the method which is effective in destroying them.

During the last two years the poisoned bran mash flavored with fruit juice has been so thoroughly tested in this state as well as in other states and countries and has been so effective that the Kansas Experiment station does not hesitate in recommending it as the most effective and the most practical method of control. The bran mash is made as follows:

Bran .....	20 pounds
Paris green .....	1 pound
Sirup .....	2 quarts
Oranges or lemons .....	3
Water .....	3 1/2 gallons

In preparing the bran mash, mix the bran and Paris green thoroughly in a wash tub while dry. Squeeze the juice of the oranges or lemons into the water, and chop the remaining pulp and the peel to fine bits and add them to the water. Dissolve the sirup in the water and wet the bran and poison with the mixture, stirring at the same time to dampen the mash thoroughly.

The bait when flavored with oranges or lemons was found to be not only more attractive but was more appetizing and thus was eaten by more of the grasshoppers.

The damp mash or bait should be sown broadcast in the infested areas early in the morning, or about the time the grasshoppers are beginning to move about from their night's rest. It should be scattered in such a manner as to cover from 4 to 5 acres with the amount of bait made by using the quantities of ingredients given in the formula. Since very little of the bran mash is eaten after it becomes dry, scattering it broadcast in the morning, and very sparingly, places it where the largest number will find it in the shortest time. Sowing it in this manner also makes it impossible for birds, barnyard fowls, or livestock to get a sufficient amount of the poison to kill them. On alfalfa fields, in order to obtain the best results, the bait should be applied after a crop has been removed and before the new crop has started. If they are moving into the corn, alfalfa, new wheat, or garden, a strip of the poisoned bran mash should be scattered early in the morning along the edge of the crop into which they are moving. If they have already spread into the fields the bran mash should be spread over the infested portions. Inasmuch as the grasshoppers may keep coming into the crops from adjoining fields, it will be necessary in several cases to make a second and even a third application of the bait at intervals of from three to four days.

To make a successful fight against grasshoppers, too much emphasis cannot be laid upon the necessity of beginning promptly as soon as the insects are present in sufficient numbers to threaten the crops and continuing the work vigorously so long as the grasshoppers are present.

Measles often prepare the soil for consumption.





# THE FARMERS MAIL AND BREEZE

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## For More Plant Food

### The Wheat Plats at Manhattan Show the High Value of Deep, Early Preparation

By F. B. Nichols, Field Editor

**"P**LANT food is necessary if the wheat crop is to give the most profitable return. It takes much more than moisture and a good mechanical condition of the soil for the best wheat yields. These fields show the supreme value of preparing wheat land to produce conditions favorable for plant food formation. We have made a difference here in the yields of more than 30 bushels an acre in preparing the seedbed, and judging from the variation in the plats today the yields may be even more extreme this year."

We were walking over the wheat fields of the agronomy farm at Manhattan a few days ago as L. E. Call said this. Professor Call, who is the head of the agronomy department, started this work on the seedbed preparation for wheat six years ago. The remarkable results obtained have attracted attention in every state. An address delivered by Professor Call on this work last November was one of the features of the meetings of the American Society of Agronomy at Washington, D. C. If the principles of seedbed preparation which he has brought out in this work were carefully followed in preparing the fields in Kansas there would be an increase of millions of dollars in wheat crop profits.

Perhaps the most important thing shown in this work is the value of deep, early preparation of the wheat land. Yields as high as 40 bushels an acre have been obtained on land plowed 7 inches deep July 15, as compared with a yield of 6 bushels an acre on land prepared by disking just before the seed was sown, and a yield of 17 bushels on land plowed 3 inches deep in September. The soil on which this work is being done is a dark brown silt loam about 10 inches deep, with a clay loam subsoil. It is upland, and it is very uniform.

The high yields obtained on this proper seedbed preparation have come largely as a result of soil cultivation in mid-summer. The moisture supply also has been conserved, of course. If the wheat stubble field is left bare and hard in July and August, there is little chance for the plant food-forming agencies to do rapid work, and there is but little increase in the supply available for plant use. More than this, there is a rapid loss of moisture from the hard fields, which is lost right at a time when it is supremely important that it should be conserved.

There has been a great increase in the yields on the wheat plats disked in July and plowed in August over the plats which were plowed in August but not disked. In other words, it is necessary that some cultivation should be given just as early in the season as possible. This cultivation shows quite plainly, in the fall, to the chemist in the amount of nitrates, a plant food division that of-

fers a mighty good index to what the yields will be. For example, on the land plowed 7 inches deep in July there was 408 pounds of nitrates in the soil October 9, while on the 3-inch September plowing which produced 17 bushels of wheat there was only 77 pounds of nitrates at that time.

"The results of this work show quite clearly the error in supposing that a high yield of a crop always can be produced if plenty of moisture is available," Professor Call said. "In other words, crop yields do not depend alone on the moisture supply. Of course, plenty of rain is needed for the highest yields, but this is only one of the essentials—plenty of available plant food is just as necessary. This plant food can be obtained only by a due regard for the nature of plant food formation in the preparation of the wheat land. This means deep, early preparation."

Eleven methods of seedbed preparation have been used by Professor Call, which cover the ground all of the way from the

very best to the very inefficient systems. The complete results on all of these methods are available, and will be supplied by Professor Call on application. One of the especially interesting things shown in this work is the increase in wheat yields which can be obtained by merely changing crops. One series of the plats has been in wheat every year, while another series has been under a cropping system—you couldn't call it a rotation for there is no legume—of corn, oats and wheat. The yields have been much higher on the land where the crops have been changed.

Another interesting thing shown is that deep plowing, even if it is done only once every three years, will greatly increase the yields. There has been an especially great spread in the yields on the plats under the wheat-every-year system and the plats where the cropping system of corn, oats and wheat is used where the ground is plowed shallow for the wheat. In other words, it is important for the best results in crop pro-

duction in Kansas that the land should be plowed deeply from time to time. Where a rotation is used it is possible usually, to do this plowing, which should be at least 7 or 8 inches deep on average soil and perhaps deeper on some types, late in the fall, perhaps in preparation for a corn or sorghum crop. It is possible to do this late plowing much cheaper in the fall than in the summer.

All of the plats handled under these systems are growing side by side, and they offer a most valuable object lesson in wheat growing. Every man in Kansas interested in wheat production, ought to see them, for he can learn there just what the crop is doing on this series of fields which were planted the same day to the same variety and differ only in the way the soil has been handled. To aid in making this object lesson in better wheat growing more available, June 2 has been designated a special wheat day when farmers are especially invited to call at the college to inspect this work. It is expected, of course, that the larger number of the men who attend will be from Riley and the surrounding counties, but a cordial invitation is offered to the farmers in every county.

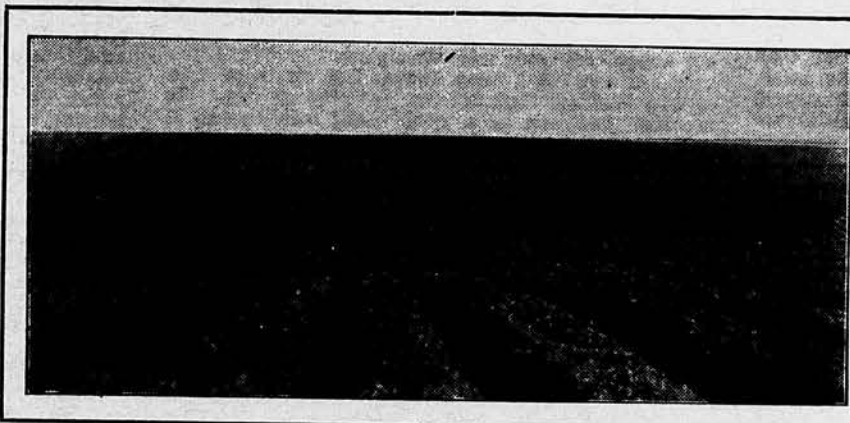
Many interesting results in cropping on the college farm are available just now. For example, there is a series of alfalfa plats, which show different methods of handling this crop, which have a supreme value for every man who is interested in increasing his alfalfa yields. Another interesting thing is a series of plats which show the relative growth of wheat, oats, corn and sorghums on kafir and corn land. It is intended to show just what the difference in the growth with these crops is, and to determine all of the causes. The wheat is doing much better on the land which was in corn last year than it is on the kafir ground, which probably is due quite largely to the higher percentage of available plant food on the corn land. Another very interesting thing to a visitor is

the disease and insect resistance of the different varieties and crops on the agronomy farm. A visit is well worth while for every farmer in Kansas.

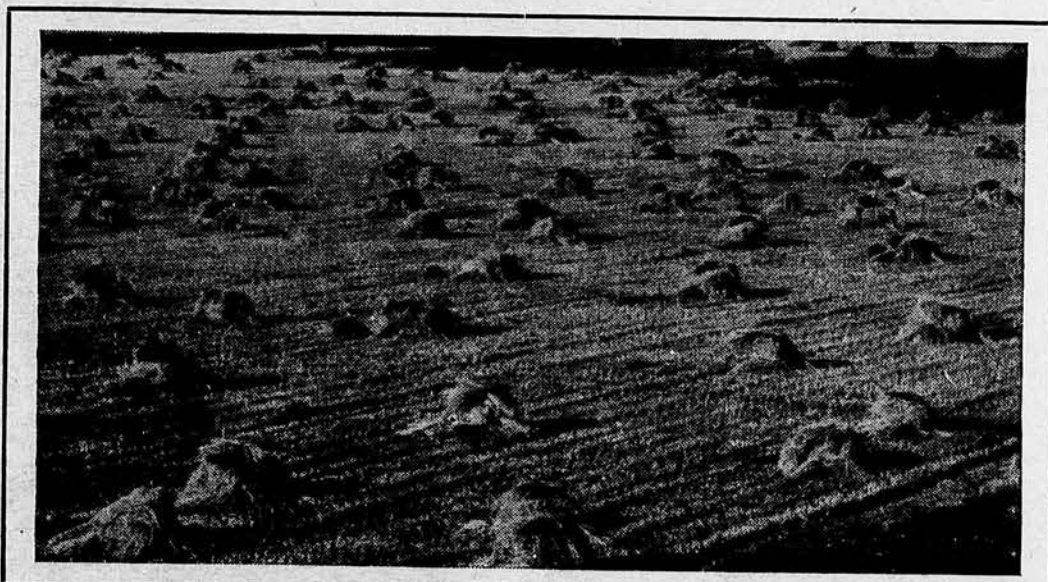
"What are some of the especially important things in wheat growing, which you have found as a result of your work?" I asked Professor Call as we were returning to the house from the wheat fields.

"A very vital need is to increase the average yield in Kansas and thus the profit," he replied. "To do this, more attention must be given to preparing the land, for this is the most important factor in growing a crop of wheat. An ideal seedbed for wheat is a firm, well-compacted soil, supplied with ample moisture and available plant food. It is the result of many days of settling, some good packing rains and frequent culti-

(Continued on Page 12.)



A Wheat Field in Western Kansas That Was Listed Early; Available Plant Food Is Forming and Moisture Is Being Conserved.



On the Wheat Fields of the Kansas State Agricultural College at Manhattan Where These Very Important Investigations in Wheat Growing Have Been Conducted.



**DEPARTMENT EDITORS**  
 Livestock Editor.....Turner Wright  
 Field Editor.....F. B. Nichols  
 Farm Doings.....Harley Hatch  
 Markets.....C. W. Metaker

Entered as second-class matter Feb. 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.

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# The Farmers Mail and Breeze

Member of Audit Bureau of Circulations.

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ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor.  
 CHARLES DILLON, Managing Editor. A. L. NICHOLS, Associate Editor.  
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## Passing Comment--By T. A. McNeal

### Chances the Farmer Has to Take 5/29/15

In a way there is no business—that is, legitimate business that is so much of a gamble as the farm. I do not want to discourage any person who wants to try farm life, for it is the most important business in this country. Despite the chances the farmer must take, if he is careful, diligent and possessed of good judgment, he can make a success of it. But in riding across the great state of Kansas the other day I was impressed with the fact that no farmer is certain of anything in the way of a reward for his labor until it actually has been turned into money.

Here is a spring which started out with perhaps the finest prospect for a wheat crop in the history of the state, barring perhaps the prospect in the early spring of last year. But as the season advanced it was noticed that the wheat in the best part of the wheat belt of the state was showing indications that something was wrong. A careful examination shows that the Hessian fly is responsible for most of the trouble.

Fortunately the condition is not widespread. There are, however, some of the best wheat counties in the state which probably will not have more than half a normal crop. Other counties are affected to perhaps 25 or 30 per cent of the crop. No one knows of course the extent of the damage but it is reasonably certain that it will amount to several million dollars. It will mean that a good many farmers instead of making a profit out of their wheat crop probably will lose money despite the fact that the price is almost certain to be good.

But the farmers whose fields are not affected with the fly are not out of danger by any means. If the sky had been clear during the last week instead of cloudy, it is almost certain that there would have been killing frosts that would have done immense damage to the crop. Such a frost may come even yet, although every night that passes without it lessens the danger from that source. A great deal of wheat is sown on low land. There is the possibility that between now and harvest a vast amount of this bottom land will be overflowed and the entire crop ruined.

If the crop escapes the flood there is the constant danger of hail storms. If corn is the farmer's long suit he has no certainty of a crop until nearly August 1. In the spring there are chinch bugs, cutworms, floods and later on there are the chances of drouth, hail storms and hot winds. Already much of the hay that has been cut is badly damaged by the rains and the coming crops have to run the risk of grasshoppers and other scourges.

If the farmer is a raiser of hogs he never knows at what minute the cholera may appear in his herd and clean out not only the hoped for profits but his capital as well. If he is a cattle raiser, there are no fewer than half a dozen calamities that may happen to his herd, any one of which will mean great financial loss and possible ruin to him.

Some persons who never had any experience on a farm labor under the delusion that while, perhaps, the farmer does not make so much money as men in some other lines of business, he has a sure thing, or at least takes fewer chances than men in other pursuits. Get that notion out of your heads if you are contemplating the rural life. Farming is a fine, healthy business, but it is one of the most uncertain gambles in the world.

### Possibilities of Motor Traction

The fact that the jitney has demonstrated its ability to compete on even terms with the street car and the further fact that there is much serious talk of organizing companies to build motor roads across the country out of either brick or concrete, raises an interesting question of the possibilities of future transportation.

It is estimated that a durable brick or concrete road can be built at an expense of \$10,000 a mile. This means a road that once built will cost next to nothing in the way of repairs. On such a road heavy loads could be hauled on motor trucks, it is believed, at an expense averaging less a ton each mile than the railroads are able to haul freight for under the present system. I do not know whether that is true. The average cost a mile for hauling freight seems low, but men who have given the matter careful study believe that with such roads as I have mentioned, the average cost could be reduced even below that figure. If this is true it

may revolutionize entirely the transportation business of this country.

Suppose for example, that the state or the government should construct an elaborate system of paved highways at an average cost we will say, of \$10,000 a mile. The total number of miles of railroad in the United States is 241,199. The government might construct a system of paved highways, practically indestructible, at a cost of approximately 9 billion dollars which would amount in mileage to three times the total number of miles of railroads in the country.

A graduated special tax might be levied on carriages, wagons, automobiles and motor trucks sufficient to pay the interest on the original cost at 2½ per cent, with the slight cost of keeping the roads in repair. This would eliminate the great overhead cost of railway companies, interstate and state railroad commissions and free the traffic of the country from corporate domination.

The ideal transportation system is one in which the road bed is owned by the public and is free to all persons who wish to use it for traffic purposes, just as the public roads are used at present.

### Wants a Vote Taken

"Kansas Mother" from Garden City wants a vote taken among the readers of the Farmers Mail and Breeze on the question as to whether they favor peace or war. The trouble about such a vote would be that it would not necessarily prove anything. Practically everybody would vote for peace. Even the persons who insist that we should have a vast standing army and a navy about three times as big as the one we have now, insist that they are for peace. They think the way to have peace is to be prepared constantly to fight. The fact that that doctrine has been knocked to smithereens by the war in Europe does not seem to affect them in the least, except that they are more clamorous for a big army and navy now than ever.

In all my life I have known but one man who openly declared that he was in favor of war. He insisted that war is a good thing and argued it publicly, and he wasn't a regular army man either. I always had a private opinion that he took that position because he wanted to be different from other people.

It is not much use to spend time in getting an expression from persons as to whether they want peace or war. The important question and the one on which persons widely differ is how peace can be maintained. I insist that we are very apt to get the thing we most earnestly and thoroughly prepare for, and therefore to prepare thoroughly for war means that sooner or later we will get war. If the nations of the world were to prepare as earnestly for peace as they have prepared for war, universal peace would not only be possible but it would be natural and logical.

### Public School Education

Mrs. R. Moore, of Circleville, has some original ideas concerning the kind of education the common schools and high schools should give.

In the first place she is in favor of state publication of school books and is opposed to frequent changes of such text books. In the second place she reasons, that as every citizen is supposed to know what the law is and as ignorance of it excuses no one, our laws should be taught in the schools. The text should be prepared in as simple a manner as possible so that the ordinary pupil can understand it. I have been advocating the same thing for a good while and believe it is a good idea.

Third, she would have the dictionary made a part of the course of study. This is done in all the better schools now, not that regular lessons are given in the dictionary but it is used constantly as a reference.

Fourth, she would have every pupil who expects to take up teaching as a profession or even as a temporary employment, take a training in self control and the development of the power to explain and impart what he knows to others.

Of course those things are taught in every well regulated school now, but why limit teaching the power of self control to those who expect to teach? Self control is just as necessary in other lines of business as in teaching school, although possibly the temptations to "blow up" occasionally are great-

er in school teaching than in most other lines of business. It is true that the teacher who does not possess the power of self control to a large degree will make a failure of the teaching business.

Fifth, she suggests that those who are preparing to teach be given the opportunity, required in fact, to teach at least one class a day. It is already the practice as I understand it, in all our normal training schools to give the students as much actual practice in teaching as possible. It would not be practicable, however, to give each student who is preparing to teach, the opportunity to teach a class each day. If that were done it would mean that all the other students would be practiced upon all the time by inexperienced teachers, which would not be fair to them.

### Wants Government Money

T. J. Quail, of Miller, Neb., writes me at some length in favor of money issued directly by the government to the people at a low rate of interest. He says that the supply of money is not equal to the demand.

I agree with Mr. Quail on the general proposition. However, I am of the opinion that there is a rather general misapprehension concerning the volume of currency required to transact the business of the country. With the proper system of exchange I think the volume of currency would not need to be particularly large. The trouble is that under our present system only a small part of the currency in existence gets into actual use. So long as the average interest charged for money is greater than the average rate of increase of wealth the volume of money in actual use must necessarily be restricted to a point below what the country actually needs.

Under a proper system of co-operation our ideas concerning money would change. All the country generally would need would be an exchange of credits and this system of exchange of credits should be conducted by the government. So far as the government itself is concerned if it were operated on a proper business basis its expenditures and outlays should balance each other. It should therefore issue its own notes bearing no interest in payment for its own obligations. These notes also should be receivable for all dues to the government and as fast as they are paid back into the treasury should be cancelled just as the individual cancels his note when it is paid, and new government notes should be issued to pay the next ensuing government obligations. The fact that these notes were receivable for all public dues and taxes would make them a circulating medium that would be acceptable. The government should issue no interest-bearing bonds but on the contrary, should take up every outstanding interest-bearing bond and cancel it.

As I have suggested, in case the governmental system of exchange of credits were put into operation through a system of government banks of both loan and deposit and exchange, the volume of currency needed would in all probability not increase and might even decrease.

### Knocks and Queries From Subscribers

Evidently the German sympathizing subscribers haven't all quit reading Passing Comment because I am receiving letters nearly every day telling me how little I know about this German question and how prejudiced I am, the inference being that I should be as fair minded and impartial as they are.

Here is one from my friend H. G. Richter, of Hillsboro, Kan., in which there is some mighty important information, if true. Mr. Richter tells me that the Lusitania was armed with twelve guns. A week or two ago a German reader informed me that there were four guns. I am rather expecting to be informed by next week that the Lusitania was really a first class battleship with heavy armorplate and supplied with a full equipment of 12-inch guns.

President Wilson's letter was based wholly on the assumption that the Lusitania was an unarmed passenger ship. If Mr. Richter is correct then the President either was totally lacking in information as to the real facts or he was deliberately misstating the facts. I wonder if Mr. Richter really believes that President Wilson was not informed as to the facts, or if he seriously believes that, knowing the facts, the President, after more than a week of deliberation, sent a letter to Germany



that was full of deliberate misstatements, knowing that he was likely to get his country into very serious trouble by so doing. I did not vote for Mr. Wilson, but I have the fullest confidence in his integrity and his earnest desire to keep the peace. Mr. Richter's statements are absurd.

### Some More Information

C. N. Tritz of Penasola, Kan., reads the riot act to me in an epistle covering six pages. He says that he wrote me one letter which never appeared in print and that he wants to see this one put in. I do not remember the previous letter but have no doubt that Mr. Tritz is right. I receive several hundred letters in the course of a few weeks for which I cannot possibly find space. Many of them are good letters, too.

Mr. Tritz also informs me that the Lusitania was armed with guns. Well, I will let him settle that with the President. Maybe Mr. Wilson didn't know what he was talking about and maybe Mr. Tritz does know what he is talking about. Mr. Tritz also gives some important information, if true, which even my friend Richter had not heard of, or at least does not mention, and that is that the Lusitania was flying the American flag when she was crossing the war zone. By the way, that would make the case a little worse for Germany, but how curious it is that President Wilson never got hold of the important information possessed by these two Kansas Germans! Before he makes any more breaks and shows his colossal ignorance he should call them into consultation.

### What the Press Should Do

Editor The Farmers Mail and Breeze—I am not German nor am I of German ancestry and what I say is not the result of partisan prejudice. I doubt whether the Germans are getting a fair deal. They are being blamed for not giving an armed merchant ship warning of their intentions (All the evidence adduced goes to show that the Lusitania was not armed). The President's note is based on the assumption that the ship was not armed) to sink her, when an effort to stop her for this purpose would have subjected them to the fire of the English ship.

As for the killing of non-combatants, that is terrible, but I fail to see a difference, or a very great one at least, between the killing of non-combatants and the killing of peasants and working men who are combatants only because the military regulations of their country compel them to be. We hold up our hands in horror at the sinking of an armed ship carrying passengers and contraband, when the officials of British ships make open boast of their efforts to sink German submarines.

I am not writing this to excuse the German military party. The business of the military parties of all countries is to do wrong. It seems to me that both sides do the things they think will bring the most advantage to them, regardless of the loss of life or the suffering. Our own country is drifting rapidly into war with Germany for the avowed purpose of maintaining the honor, dignity and integrity of the United States. National honor, diplomatic insults and all such stuff is bosh, so far as the farmer and wage worker are concerned. It works very well to trick them into following the flag, and that is why we hear so much of it. How does it sound after you read of the Ludlow massacre, of Lawson, sentenced to life imprisonment for a crime with which he admittedly had no connection? How does it sound along with the finding of the Industrial Relations committee which investigated the tenantry in the South?

The press of this country should stand squarely against war. What business has this country to spend the bread of hungry millions in order to shoot respect for us into Germany? We maintained it at Vera Cruz but that did not feed the hungry mothers and children among the southern tenants. It did not dry the tears at Ludlow. We killed some Mexicans, and some of our own boys were killed. We got nothing except tears for our pains.

Let the editors of this country rally to the cause of peace. Let them demand that we sever all commercial relations with the nations at war and refuse to supply them with munitions of war. You have a greater influence than any other man among the rural population of this state. For the love of your fellow man do not consent to war. Stand squarely for peace. The press of this country can make war impossible and I know you will do your part.

LeRoy, Kan.

RAY WARD.

Probably Mr. Ward is too radical in his views, but there is a good deal of truth in what he says concerning nationalism. It is natural and proper for men and women to love their native land and also it is right and proper that they should love and be loyal to the land of their adoption, but extreme nationalism has been productive of much harm. It does, as Mr. Ward says, play into the hands of militarists. They want to inculcate the spirit of being for their own nation against everybody else. But when you come to think it over, why should the people of one nation be against the people of another nation? Antagonism to persons simply because they happen to have been born under some other government than your own is both unreasonable and productive of great harm.

This thing of continually teaching the doctrine that your nation is superior to all other nations begets, after awhile, an abnormal national egotism which in turn breeds trouble. The people afflicted with this brand of national egotism firmly believe that all other peoples of all other nations are jealous of them and their superlative greatness and culture. Of course having once imbibed that notion it is easy to conclude that these other jealous nations are conspiring to crush this great and superior nation, therefore it is necessary that they not only be prepared to fight all the time but it is their duty to nip the conspiracy before it goes too far. The logical conclusion of that national state of mind is war.

All nations are afflicted perhaps to some extent with this exaggerated national egotism. The two

most pronounced cases are Germany and Japan. The average Englishman also has a good deal of it in his system though this war ought to jar some of that out of him. The average Frenchman, so far as I have come in contact with him, loves his native land but does not show this national egotism to the same extent that some of his neighbors do.

I never could get enthusiastic over that saying, "My country, may she always be right, but right or wrong my country." I do not know any more reason why a man should condone and defend a wrong done by a nation than that he should condone and defend a wrong done by an individual. I might be compelled to go out and fight for my country when she is wrong, but I would do it only on compulsion, because I could not help myself.

There have been a great many terrible crimes committed in the name of patriotism. A few national leaders, or in some cases a single national leader, has committed his government to the perpetration of a crime and depended on the general spirit of patriotism, the feeling that it is their duty to fight for their country under any and all circumstances which prevails among the masses, to carry out his wicked purpose. A discriminating patriotism is a splendid thing, just as a discriminating affection for your home and family is a noble thing, but an indiscriminating patriotism which stands ready to defend all acts done by your country is just as unreasonable as to defend all the acts of members of your own family, regardless of whether they are right.

### Philippine Independence

Editor The Farmers Mail and Breeze—I am interested in the subject for debate, "Resolved that the Philippines should be given their independence." Any help you would give me on this subject would be greatly appreciated.

Iola, Kan.

M. E. J.

As stated above the question is decidedly indefinite. I presume that there are comparatively few persons in the United States who are not in favor of giving the people of the Philippine Islands their independence whenever it is reasonably certain that they are fitted to assume the responsibilities and burdens of self-government, but on the other hand there is a grave doubt to say the least, in the minds of the majority of the people of this country, about the wisdom of giving them complete independence at this time.

When the present administration came into power the Filipinos understood that it meant immediate independence for them. It is now evident that the members of the administration do not believe it is wise to grant such independence. I have the first person to talk with yet, who has visited the Philippine Islands, no matter what his politics may be, who believes it would be wise to grant immediate independence to the Philippine Islands.

The reasons for this are evident. The Philippine Islands are peopled with a great number of different tribes, made up of different races and with little or nothing in common. Some of these tribes are sunk in the lowest savagery, some are even cannibals. Only one tribe has attained to a moderate degree of civilization and culture. If immediate independence were granted it is the judgment of all those who have visited the islands, with whom I have talked, that it would result almost immediately in a condition of political chaos similar to the condition of Mexico today and that order would be restored only when some other nation stepped in and took control of affairs.

A gentleman who has spent several years in the islands and who has had large opportunity to study the situation tells me that it is the wish of the Filipinos to have immediate independence but at the same time protection of the United States. This would be much better for the inhabitants of the islands than independence without protection, but it would increase the risk of trouble for the United States. We would in that event become responsible for the conduct of the Filipinos without the right to interfere in their conduct of affairs. In other words, we would take all the risk without any chance for advantage to ourselves.

Personally I always have been in favor of making an arrangement with Japan to look after the islands and cutting loose entirely. If that cannot be done we should, at least for the present and I think for a good many years to come, hold the control ourselves.

### Service of Summons

Editor The Farmers Mail and Breeze—A's cattle destroy the crop belonging to B. B then brings suit in justice court to recover damages from A. A is not a resident of the county in which the suit was brought. When the constable went to serve the summons he went to the place where A was staying and left the summons with his hired man, who gave it to A on his return one hour later. The constable made his return as having served the summons by leaving a copy at the usual residence of the defendant. At the trial A did not appear. Judgment was taken against him. From this judgment he appealed to the district court on the ground that no proper service of summons had been made upon him. Has A been properly served? If not did he bring himself within the jurisdiction of the justice court by his appeal?

READER.

According to this statement of facts A was not properly served with summons. There are four ways in which the defendant might have been brought into the justice court: First, by delivering a copy of the summons with the endorsements thereon to

the defendant in person; second, by leaving a true copy at his usual place of residence; third, by his voluntary acknowledgment of service on the back of the summons, and fourth, by his voluntary appearance in the justice court. In this case the copy of the summons was not left at the usual place of residence of defendant nor was it delivered to him in person. Neither did he voluntarily acknowledge such service or voluntarily appear in court. The only question remains as to whether he has acknowledged the jurisdiction of the justice court by taking an appeal. I think not. He appears in the case only so far as is necessary to protect his rights under the statute and in the higher court will appear only for the purpose of moving to dismiss the action and vacate the judgment for want of jurisdiction.

### Hedge Fences

Editor The Farmers Mail and Breeze—1. I should like to know whether a hedge fence that has been out for 20 years fixes the partition line. I do not think it is on right line by 5 feet.

2. What is the law in regard to large hedges where the limbs hang over on the neighbor's land? I am speaking of a partition fence. Will not the owner of the fence have to cut the limbs off? I have 80 rods of hedge fence which I have cut off close to the ground. It is a partition fence. What can I do when my neighbor's cattle eat it off? Is he not required to keep his stock away from my fence?

J. F.

1. The fact that a hedge fence had been set out for 20 years would not establish the boundary line or division line between two tracts of land. It might however, be used as evidence to show undisputed possession for more than 15 years. Undisputed possession with claim of title for 15 years would give good title except as to minor heirs or such other heirs as may not have had opportunity to assert their own rights or to dispute the claims of the person in possession and claiming title.

2. Whether a man is compelled to trim his hedge or not depends on whether the people of that particular township have voted to adopt the hedge law. If they have so voted he would be compelled to trim his hedge, otherwise not.

3. Your third question also raises another. A hedge is not a legal fence in Kansas except in such counties as have voted to make it a legal fence. If the people of your county have voted to declare a hedge a legal fence then I am of the opinion that your neighbor would be liable for damages if his cattle broke down or ate off your part of the partition fence, otherwise I am of the opinion that he would not be liable for such damage.

### Not in Love With the Game Law

Editor The Farmers Mail and Breeze—In your issue of March 6 appeared a letter from E. J. Caswell, Oak Hill, Kan., concerning our Kansas fish and game law in which he offers some objections to the working of the law and also gives some suggestions as to what should be done to improve it. He says he has been in Kansas since 1870 and is a farmer speaking from his own observation of conditions.

I also am a farmer, and with the exception of three years in the Union army, farming has been my business. I have farmed in the state of Kansas since 1866. Permit me to give a few of my own observations.

Game was plentiful, as Mr. C. says, in the early days when most of Kansas was unbroken prairie. When settlers poured in and plowed under the prairie grass, mowed part of it and turned herds of cattle on the rest, conditions became such that game could not thrive.

And it continues so today. When the sporting fraternity secured the passage of the game law of 1905—somewhat on the sly—they set the game warden to stocking the state with Chinese pheasants. Mr. C. thinks farmer boys and men slaughtered them. My observation is that they did not, but that the birds could not thrive here any better than the Belgian hare of former notoriety.

If Kansas is ever to become the "magnificent game preserve" that some optimists predicted, we must run the people and the cattle out and let the grass grow unmolested. As to the fish problem, I know this, that after ten years of professed stocking of streams at a cost of something like \$40,000 a year, there does not seem to be any more fish than there were ten years ago, nor is there any more game.

In regard to building fish ponds, I have observed several attempts in that line, some of them costly, too, but do not know of a single one that has been a permanent success. Big freshets either break the dams or deposit mud in the pond, so that in about three years the pond becomes so shallow that the next dry spell makes it nothing but a big disappointment.

I have heard men designate the fish and game law as a graft. I am not prepared to disprove the charge, but I do think we should have been better contented with a game law that would not require a man to buy his freedom.

This is the way it works now: My grandsons ask me to come over and go rabbit hunting with them. First, I must go to the county clerk and say to him, "Will you kindly grant me permission to go rabbit hunting with my grandsons?" He answers, "Yes, after you have paid me a dollar, and I have taken your measure and made out your descriptive list, you may hunt till June but no longer, for we have special officers watching you fellows all the time."

After 50 years of freedom under the "starry flag," it grinds like fury to have something like that stuck under one's nose.

To the best of my knowledge and belief no considerable number of farmers ever asked for such a game law as we now have. They did say that quail should be protected, and that there should be a law against trespass. But the sportsman who is said to be so strong for protection of game, says, "If you refuse to let us shoot quail nobody will take out license."

Maybe I am an old fogey but just the same our fish and game law smells to me very much like the style of laws they have across the water where they are killing each other and to use a slang phrase, I am not much stuck on it.

Melvorn, Kan.

A. L. LANNING.



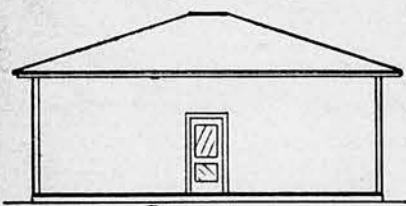
# A Granary For 4000 Bushels

Plans of Value if You Wish to Store Wheat

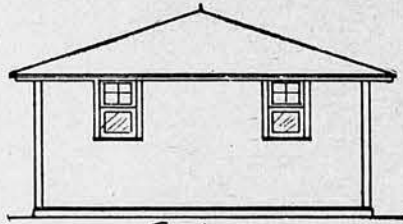
BY W. E. FRUDDEN

EACH OF the four bins of this 28 by 32 granary will hold approximately 1,000 bushels of grain. A farm building such as this plan will be found to be economical to build. When it comes to housing the source of the farm's revenue the type of building and the nature of its construction becomes of great importance, and is worthy of considerable study.

This is merely a rectangular frame



Front-



Side

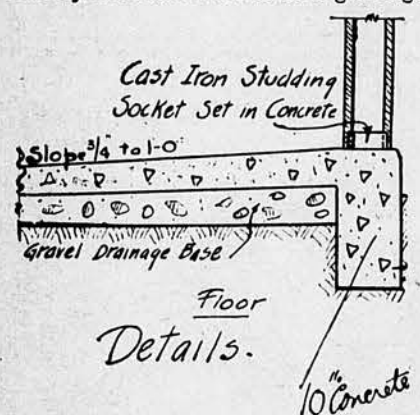
building set on a floor and foundation built of concrete construction. The four bins are square, and a 4-foot wide passage way runs through the center of the building.

The space above the bins is used for a storage for the grain sacks or possibly would be used for a seed corn storage house. A trap door over the driveway opens up the storage space. A ladder is built along the side of the wall.

For the frame work use 12-foot studding and set them on 16-inch centers. Two by four stuff will be strong enough

grain will not lodge against the hinged door. The outside doors to the bins are built in two sections. The top half is of glass while the lower part is solid wood. In these bins there will be sufficient light when a part of the grain has been removed and the leases taken out from the places.

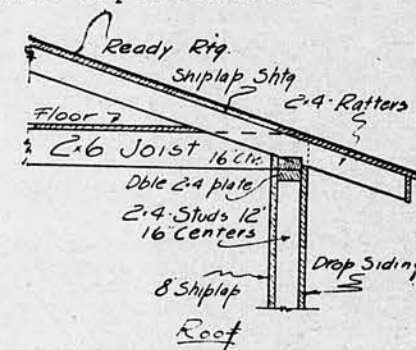
The cross section views shown here give one a clear idea of how the house



Floor Details.

is to be built. The floor slopes  $\frac{3}{4}$  of an inch to the foot in the direction as shown. The foundation wall is of 10-inch concrete and goes down 16 inches below the grade line.

A 4-inch concrete floor will be sufficient. Underlay it with 6 or 8 inches of gravel for drainage. Be sure that the top of the floor is well troweled. This will help to check the rise of any capillary moisture that often comes up from the soil. Select a well drained spot for the structure and there will be no trouble from damp concrete floors.



More About the Wheat

for the walls and the rafters while 2 by 6-inch material will be safe for the ceiling joists.

The inside of the frame is lined with shiplap while the outside is covered with drop siding. The studding are set in cast iron sockets which are imbedded into the concrete wall.

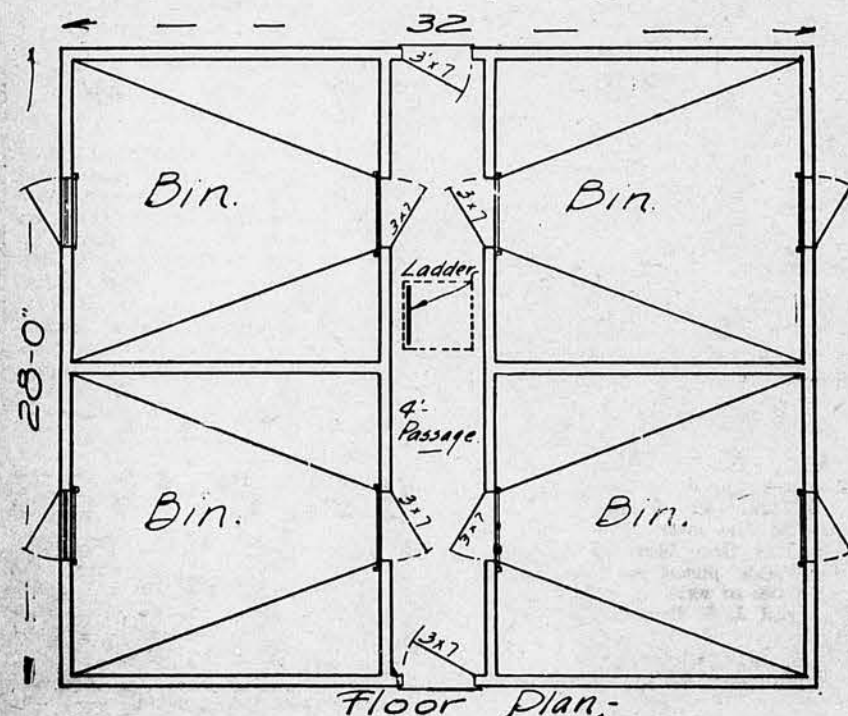
The farmer that has a granary built after this plan will be able to reap more profits from his year's work. The farmer might as well have the advantage of the increase in prices as well as does the commission man. Those who feed the grains of the farm can well afford to be supplied with well built granaries that will take proper care of treasures.

The backs of the doors are lined with removable 1 by 6-inch leaves so that the

The Kansas board of agriculture issued a report May 21 giving the result of its investigations of the state's crop situation as found May 17, with special reference to wheat. It says:

Based on present prospects growers estimate a probable yield of 136,600,000 bushels of winter wheat in Kansas this year, or an average yield an acre of 15.9 bushels on the 8,586,000 acres of growing wheat as reported a month ago. Acreage figures are, of course, subject to revision later, according to the official returns of assessors. Should this indicated yield be realized the crop would be second only to the state's record-smashing output of 180 million bushels in 1914.

Reporters suggest there has been a de-



Floor Plan.

preciation in the Kansas wheat prospect in the past month of about 12 per cent, owing principally to damage by the Hessian fly and the chinch bug. Of the two, however, the fly is charged with having worked the greater injury. That the fly has spread to parts of Kansas where it was hitherto a stranger is indicated by the returns, and no previous record of the board shows such a wide infestation as the present canvass. This pest is reported in 67 of the 105 counties of the state, and is mentioned as far west as Trego, Ford and Clark counties. The fly has done more or less damage in every county east of the 99th meridian, except two, and in these two the chinch bugs have taken its place. In fact, in the eastern third chinch bugs are responsible for much of the loss. The heavy rains of this week, however, have put a quietus on their activities and doubtless multitudes have been destroyed by drowning.

Important wheat producers suffering the greatest injury, which is reflected in the lower prospective yields indicated, are Saline, Dickinson, McPherson, Marion, Harvey, Sedgwick and Sumner counties mostly in the south central part, while the largest percentages of damage are reported in several southwestern counties, amounting to as much as 45 per cent in Woodson. There has been quite a loss also in a number of Kansas river counties, and in the more northeastern counties, notably in Atchison. In some portions, especially in the western third of the state, there is complaint of weeds.

## Here's a Farm Memorandum

Many a person has had the painful experience of remembering things to be done just too late to do them. This is especially true in the country where duties crowd so hard in spring and summer some of them are sure to be overlooked unless one has a working memorandum at his elbow. A new book designed as a ready made memorandum for monthly reference is "The Country Home Month by Month," by E. I. Farrington. Simple, explicit directions are given for doing the various kinds of work outlined as timely, and there are many attractive illustrations. Tables for ready reference on various subjects such as standard weights of poultry, spraying calendar, and planting tables for fruits and vegetables are a valuable feature. "The Country Home Month by Month" is published by Laird and Lee, Chicago.

It is wrong to expect the cow to yield a large profit simply because she is well bred. She must have feed and care or the breeding will amount to nothing.

## WHEN DINNER COMES

One Ought to Have a Good Appetite.

A good appetite is the best sauce. It goes a long way toward helping in the digestive process, and that is absolutely essential to health and strength.

Many persons have found that Grape-Nuts food is not only nourishing but is a great appetizer, and children like the taste of it and grow strong and rosy from its use.

It is especially the food to make a weak stomach strong and create an appetite for dinner.

"I am 57 years old," writes a Tenn. grandmother, "and have had a weak stomach from childhood. By great care as to my diet I enjoyed a reasonable degree of health, but never found anything to equal Grape-Nuts as a stand-by."

"When I have no appetite for breakfast and just eat to keep up my strength, I take 4 teaspoonfuls of Grape-Nuts with good rich milk, and when dinner comes I am hungry. While if I go without any breakfast I never feel like eating dinner. Grape-Nuts for breakfast seems to make a healthy appetite for dinner."

"My little grandson was sick with stomach trouble during the past summer, and finally we put him on Grape-Nuts. Now he is growing plump and well. When asked if he wants his nurse or Grape-Nuts, he brightens up and points to the cupboard. He was no trouble to wean at all—thanks to Grape-Nuts."

Name given by Postum Co., Battle Creek, Mich. Read, "The Road to Wellville," in pkgs. "There's a Reason."

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

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What saves it?

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Why? Because it saves enough more of grain and time to pay it.

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Because it has the only true and correct principle of taking the grain out of the straw. It beats it out just as you would do by hand with a pitchfork, while other threshers depend upon the grain falling out. It has the Man Behind the Gun which is in no other thresher.

Why does it save the farmer's time?

Because it runs steadily all the time. It runs and does good work when conditions will not permit other kinds to run at all. It is less liable to breakdowns and other troubles than other machines.

BUY OR HIRE

## A RED RIVER SPECIAL And Save the Farmer's Thresh Bill

What advantage is this to the Thresherman?

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## GET THE BIG RUN

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**Quinn Wire & Iron Works, A. St., Boone, Ia.**



# Seven Days of Field Work

## A Large Acreage of Corn Was Planted

BY HARLEY HATCH

THE FIRST seven days without rain since January have just passed. They were good ones for field work and a very large acreage of corn has been planted here in that time. Today, May 15, finds the corn not quite half planted on this farm. What has been planted has gone in the ground under good conditions and with the present heat and moisture it ought not to take it more than five or six days to come up.

More than a week of good drying weather has not put all the ground on this farm in shape to work. Below the places on the side of the hills where the water comes out in a wet time it is still so soft that horses sink. By the time



Getting Ready For Sunday.

the rest of the land has been planted this wet ground will do to work provided we have no more heavy rains. There should be no scarcity of moisture on these sub-irrigated fields for a long time.

We have been asked many times why we do not have these wet places tiled out. We have also asked ourselves the question many times "Will it pay?" In wet springs these wet fields are a nuisance but if we can get them planted by the first week in June they never fail to produce a crop. The land for a long way below where the water comes out is kept damp even in the driest of times. Would it pay us to cut off this supply by means of tiles in order to work it a little earlier in the spring? For the last five years the best corn on the farm has been grown on the sub-irrigated spots.

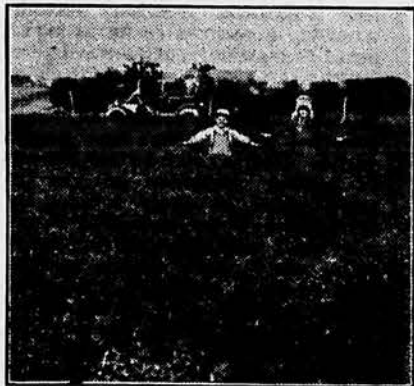
As we hinted two weeks ago we have given up thoughts of plowing so much of the corn ground as we intended. This is partly because of the late date and partly because the land is listing up in such fine condition. We had thought that following so long a spell of rains the land would be heavy but it is turning up in good condition. First the stalks are cut, then the land is disked and then listed. Most of the work is done with a riding lister but when we get caught up with the planter we hitch that team, which is a heavy one, to the walking lister and follow that for half a day. It does not pull hard for the two horses but the walking tool does not do quite such good work as the riding one. It has a tendency to hoist the dirt a little too far and leave a shoulder along the furrow where the ground is a little hard.

Just before starting on the corn ground we hauled out all the manure

around the barns. It covered about five acres and it was immediately disked and then listed under. I have never thought that one gets quite so much good of manure the first year in this way; it is better to plow it under if possible. But in this late season one must do the best he can, and we think the manure will do more good out in the field than if we had left it lying around the barn. In the cow and calf yards the manure is still deep and we can get perhaps close to 100 loads there. Five acres of the highest land on the farm will be left until all the other crops are in and then we will tackle the job of moving some of the yard manure to this field. It will make the corn late but the boost it will get from the fertilizer will put it up with the rest of the corn by July 20, especially if we plant Silver Mine corn.

I am sending in for this issue a picture showing an alfalfa field on thin upland on this farm. It is the field of which I have spoken before as being sowed in 1912. Of course it will not compare with bottom land alfalfa but it must be remembered that it is growing on thin soil, none of it more than 12 inches deep and some of it scarcely six. The subsoil is the hard, tenacious clay of this section called by some gumbo and by others hardpan. If alfalfa can be grown on this field I am satisfied that it can be grown on practically all of our eastern Kansas upland. This field was cut four times last year. Three crops were fair and one very poor. Probably the total amount obtained was about 2½ tons to the acre. Not big for alfalfa, to be sure, but good for land of this quality.

Our riding lister has a planting attachment but we are not using it. We do not like the work it does as it does not firm the dirt over the seed. This would not need to be done should we have a rain



Alfalfa on Thin Upland.

in a day or so but if it should not rain, and it does not look as if it would, the dirt above the seed may dry out and a poor stand of corn result. I have seen it work out in this way so many times that I would not plant with a machine that did not firm the soil above the seed. We use the regular corn planter after the lister has prepared the ground, letting it lie for about half a day so the dirt will not pack too solidly. We are planting the kernels 18 inches apart which is close enough and may be too close. I would not have corn planted

closer than that in Kansas if I could have the work done free of charge.

On the bottom lands and on the better soils we are planting medium corn of a variety resembling Boone County White. As we get up on higher ground we plant Golden Beauty or something like it. On the poorer soils we are planting Silver Mine corn. Another good variety for thin soils which used to be much planted in this locality is Coal Creek, a rather small white corn which gets very flinty and hard if kept for a year. For feeding purposes we have found Golden Beauty better than any of the harder white sorts.

The alfalfa really ought to be cut before the corn is all planted but it will have to wait. It may result in a lessened amount of hay for the year but hay will be very plentiful anyway. On this farm three stacks of alfalfa were kept over. I don't know just how it will feed out next winter but imagine the cattle will eat it pretty well. As for the prairie hay crop, it is going to be even weedier than it was last year. I asked a farmer this week if he didn't think prairie hay would be rather cheap this year and he said, "No, hay will be a fair price but weeds will be cheap." He may be right.

Speaking of the pleasures of a farmer's life, we stayed up until 11 o'clock last night trying to persuade a fool cow to own her new calf. It was the first time we ever had a cow that acted in that manner. This cow seemed possessed to run after her last year's calf and would pay no attention to her new one. We finally got her and the calf in a yard by themselves and then she wouldn't own it and she wouldn't let us catch her. We got a lantern but couldn't see to throw a rope and so made a cast in the dark and caught her. I was inclined to brag on myself for making so good a throw but the one who was with me suggested that a fellow who didn't know a thing about rope throwing could do just as well in the dark as by daylight. The cow was tied up and I note this morning that she seems very fond of the calf.

I spent this morning cutting weeds out of the potato patch. There is scarcely half a stand where the northern seed was planted. Where the home grown seed was used about three-fourths of the seed grew. It is the poorest outlook for potatoes we have had for a number of years. After they were planted there came rain after rain until it is a wonder that the seed grew as well as it did. We have land across the creek, half a mile away, which is much better suited to potatoes than the patch where we have them planted but we did not care to go so far for potatoes this summer. For winter use we planned on buying shipped in stock on account of the quality. Perhaps if the day of cheap hay comes again we can afford to use some for mulching and in that way raise potatoes of good keeping quality. We used to raise them under mulch that would keep until the following June and think we can again but if they are planted under mulch we shall put them on the well drained, sandy ground we have across the creek.

## Grain Elevator Bookkeeping

For the information of those interested in co-operative grain elevators, the marketing specialists of the Department of Agriculture have devised a complete accounting system and set of 15 forms especially adapted to the business of such elevators. This system and the forms for its installation which are described in Bulletin 236, "A System of Accounts For Farmers' Co-operative Elevators," developed after a thorough study of all accounting systems now in use in the grain trade. It also includes suggestions made by a number of elevator managers and grain men throughout the country.

## For W. H. Wirick

Two persons have asked the Farmers Mail and Breeze for the address of W. H. Wirick. Mr. Wirick wrote a short piece in the issue of May 15 headed "Speaking Once More of Roofs." Will Mr. Wirick please send his address to this office or write to Alex Sloan, Ulrich, Mo., and J. S. Garbison, Prairie View, Kan.?

Masticate, insalivate, live long and be merry.

## SAVE ALL YOUR ALFALFA

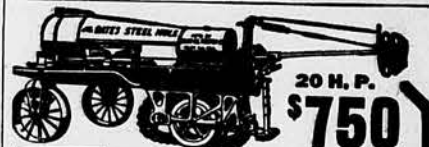
You can do it easy every season on every stack with Martin Metal Stack Covers—made in galvanized corrugated sections—can be quickly fitted to any size stack.

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319 No. Mosley Wichita, Kansas  
Sticks carried at Wichita, Kansas; Portland, Oregon; Canton, Ohio, and Omaha, Nebraska.



BUYS 30 H. P. \$850

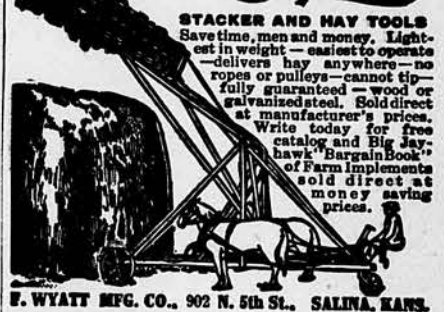
## The Bates Steel Mule

One man drives both tractor and implement. Works on any soil all the year round. 4 Cylinder Motor. Hardened Gears, Hyatt Roller Bearings.

## CULTIVATES CORN

and other crops. Takes the horses place for every farm operation. Uses your present implements. Hundreds in use. JULIET OIL TRACTOR CO., 225 Benton St., Juliet, Ill.

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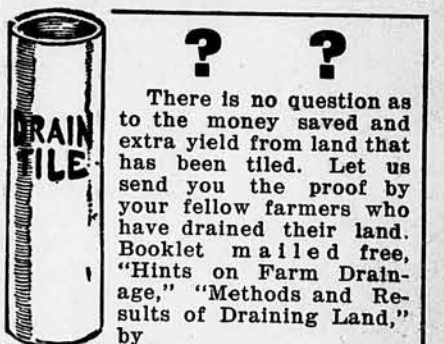


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## MAKE YOUR BIKE A MOTORCYCLE

at a small cost, by using our attachable outfit. Fits any Bicycle. Easily attached. No Special Tools Required.

"300 Miles for 40 Cents" W. M. Harrison, of Iowa, writes: "Certainly cheapest and best running machine I ever saw. Have ridden 300 miles at about 40¢ expense." FREE BOOK Write today for free booklet, describing the SHAW Bicycle Motor Attachment. Motorcycles all makes, new and second hand, \$35.00 up. SHAW MANUFACTURING CO. Dept. P. Galesburg, Kansas.



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Manure Was Hauled to the Corn Ground Before We Started on the Work This Year. We Covered About Five Acres.



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For 15 years the recognized liquid remedy for White Diarrhea, roup, limberneck, Cholera, etc. Why risk losing poultry when Cholerine is so sure to save them. Test Cholerine at our risk. Let us send you

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Under our positive guarantee that if Cholerine fails in any way—your money back. Send order today (kindly tell us your dealer's name).

Cermo Mfg. Co. 101 Cermo Building, St. Louis, Mo.

**BUTLER SPECIAL METAL SILO**

Guaranteed to withstand the silage acids. Not harmed by weather changes. Write for special free booklet, showing Butler Special Metal Silos in actual service, and letters from satisfied users.

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**New Silver's "Ohio" Beater Self-Feed**

Another big work-saving feature for "Ohio"—farther in lead than ever. This with famous "Bull-Dog" Grip feed rollers doubles feeding efficiency. Remember "Ohio" has direct drive—one lever control—friction reverse—non-explosive blower—20 year durability and many other big work and money-saving features. 40 to 800 tons a day—4 to 15 h. p.

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"Modern Silage Methods"  
—64 pages—Mailed for 10c

Write today for Catalog B



### Preventing White Diarrhea

To prevent White Diarrhea, treatment should begin as soon as chicks are hatched—giving intestinal antiseptics to destroy the germ. Not infrequently we see rank poisons recommended, such as Mercuric Chloride and Antimony Arsenite. The use of such remedies should not be encouraged, as the average person has little knowledge of their dangerous nature. The use of poisonous drugs is entirely unnecessary, for there are safe remedies that will destroy the germ, yet are not injurious to the chick.

#### White Diarrhea.

Dear Sir: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort, I sent to the Walker Remedy Co., L8, Lamoni, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa.

#### Don't Wait.

Don't wait until White Diarrhea gets half or two-thirds your chicks. Don't let it get started. Be prepared. Write today. Let us prove to you that Walko will prevent White Diarrhea. Send for 50c box on our guarantee—your money back if not satisfied. Walker Remedy Co., L8, Lamoni, Ia.—Advertisement.

## Use Only Best of Brooders

With Proper Care Your Chicks Will Grow Like Weeds

BY L. S. WELLER,  
Salina, Kan.

EVERY poultry plant depends for its future on its ability to hatch and raise chicks. The greatest profits for the ordinary poultry raiser come from the sale of winter eggs, and in order for this line to be profitable, hatching must be done early and under unnatural conditions. Millions of dollars are lost each year through the loss of baby chicks, and hundreds of so-called White Diarrhea remedies have been put on the market. I found a neighbor of mine giving his chicks strong coffee exclusively for drink, because somebody told him that this would prevent White Diarrhea. I laughed at him, as I do at all such remedies for this trouble. Given a flock of strong, vigorous, well matured birds from which to hatch chicks, I see no reason for ever having serious loss in raising a fine flock of birds.

When I see a fine brood of healthy chicks taken out of a machine, and a few days later see these chickens mope around, and grow weak, I feel that there has been gross neglect. I use good brooders, well constructed and well heated. I have used homemade brooders, fireless brooders, and the whole lot of so-called brooders; and I have found that any but the very best are a waste of time and money. I do not use regulators on my brooders. If the chicks stretch out and are comfortable without crowding you may know that the heat is right. If it gets too warm at any time, they will move out. Turn the lamp up a little in the evening, and down again in the morning.

I never put more than 50 chicks in any brooder, no matter what its rated

winter eggs, and my pullets begin laying in September and keep it up the winter through. One pen of 35 pullets made an average of 22 eggs every day last winter. They had sour milk, sound grain twice a day, wheat bran always before them, and sprouted oats. I never have found a better or cheaper ration, easier to feed, and productive of better results than this.

Every farm should have at least 500 purebred chickens. There is no bird, in my estimation, that will answer every purpose for the average farm better than the Buff Orpington. I have tried them all, and now breed them exclusively because of their superior merits.

### Preserving Eggs at Home

BY G. A. OLSON.

The prices charged for eggs in the fall and the winter months are greater than many persons of ordinary means care to afford. In the spring and summer when eggs are sold at reasonable prices there is an overproduction, and consequently an overstocking of the market. The over-supply either is put in cold storage for winter trade, or is desiccated, preserved, packed or wasted.

One of the methods of handling this excess of production is what is known as the water-glass method. Repeated trials have demonstrated that eggs preserved this way will keep for long periods without spoiling.

Any receptacle that does not corrode in water is suitable for holding the eggs and the water-glass solution. Glazed earthenware jars, galvanized tubs or buckets, and wooden tubs or kegs are used.

The proportion of water-glass to water required for preserving eggs varies. Some persons have successfully preserved eggs in a solution of 1 part of water-glass to 20 parts of water. Others have found it desirable to use a more concentrated solution. If the eggs are to be kept for only a short time the weak solutions are all right, but if they are to be preserved for a long time the best results will be obtained with 1 part of water-glass to 9 or 10 parts of water.

The outer part of the shell is altered by immersing in this solution. Much larger quantities of silica are found in the shells of the preserved eggs than in fresh ones. This additional silica completely envelopes the shell as a film which shuts out all the air passages and eliminates the undesirable changes usually found in untreated eggs.

Water-glass also modifies the albumen of the eggs to a slight extent, but not enough to be very undesirable. With the exception of poaching, such eggs can be used instead of fresh ones, for frying, boiling, scrambling and as an ingredient in all sorts of cooking. When it is desired to boil them, a pin-hole should be made on the blunt end of the egg. This is necessary because the shell openings are all closed by the sodium silicate in the solution, and the pressure developed in the egg by boiling will cause it to burst unless an opening is made. Always wash the eggs in water before using.

The only bad night air is last night's air.

**Fli-Kil Keeps Flies Off**

**Horses and Cows**

It never fails. Prevents flies. Will not injure the skin or gum the hair.

This **Sprayer and Fli-Kil** 75c enough to test it on 50 animals of the Kansas State Agricultural College, says: "Fli-Kil is certainly the best preparation I ever used. The flies would simply swarm around the wound until they came into the presence of the Fli-Kil, when they would suddenly fall off. I can highly recommend Fli-Kil from its use." Fli-Kil pays for itself more than a hundred fold. A trial will satisfy you, or your money back.

**FRESCOTT SALES CO., 300 Traders Bldg., Kansas City, Mo.**

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The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings. Particular attention given to livestock and poultry illustrations for letterheads, newspaper advertisements and catalogues. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work. Write for information.

THE MAIL AND BREEZE, Topeka, Kan.

## Here's a smoke without a sting!

You get on the shady side of the lane long enough to jam your old jimmy pipe brimful with Prince Albert, make fire with a match—and go on. For you've got yours!

That's all there is to it—this having real fun with a pipe—if you follow suit with men all over the nation and smoke P. A., because it is made by a patented process that cuts out tongue-bite and throat-parch! No tobacco ever was, or can be made like

## PRINCE ALBERT

the national joy smoke

Don't let your palate protest every time a whiff of jimmy pipe joy breaks into the atmosphere! You start in right away with a pipe and a tidy red tin of P. A. It is a guarantee that you'll be jimmy pipe joy'us!

Prince Albert smokers everywhere are enthusiastic over the pound crystal-glass humidor with the sponge-moistener top which keeps the tobacco in fine fettle—always. Prince Albert is also sold in toppy red bags, 5c; tidy red tins, 10c; and handsome pound and half-pound tin humidors.

**R.J. REYNOLDS TOBACCO COMPANY**  
Winston-Salem, N. C.



capacity. Do not begin to feed the chicks too soon. Let them rest for a day after being placed in the brooder. I keep a good grade of sour milk, or buttermilk before them all the time, and consider it cheap feed at 5 cents a gallon.

I also keep bran before them in boxes all the time. Commercial chick food is good, if fed in moderation, with sprouted oats and wheat bran, and sour milk. Cover the floor of your brooders or coops with several inches of chaff, and let them learn to dig from the very start. My old birds dig grain out of 2 feet of litter the year around. As soon as the chicks are old enough to be out on the ground, let them run during the warm days, but do not let them become chilled at any time. Avoid putting them on ground which has been used for several years and has not had a growing crop on it. I have not discovered a case of Gapes on my place for eight years, due to the fact that I always keep oats or rye growing on all the runs.

Charcoal is very good to prevent digestive trouble, but is not necessary if care is used in feeding. Never give sour feed or musty grain, and keep everything absolutely clean and sanitary. Following this schedule I have produced broilers that have averaged 2 pounds apiece at eight weeks. Every pullet is saved for

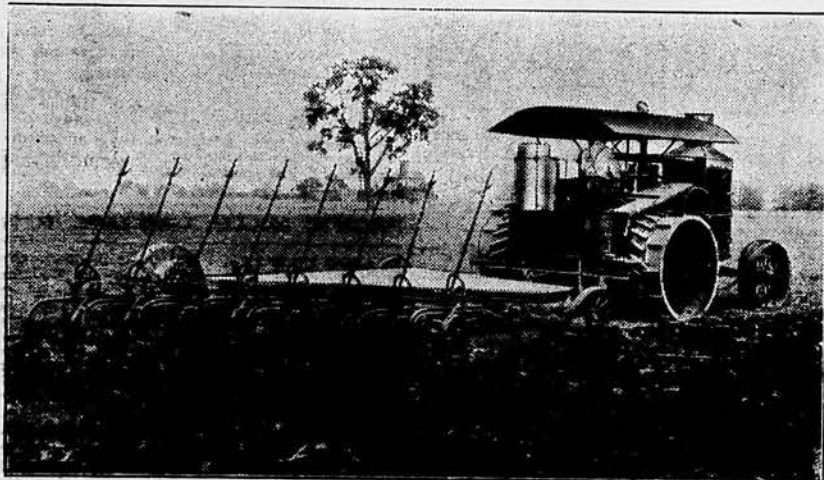
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Reynolds  
Tobacco  
Co.



### Power Plowing at Everest

I have run a gas tractor for my father for the last five years and have given much attention to the financial side of the question, as we wished to compare it with horse power. We bought a large engine rated at 40 horsepower on the drawbar and built to pull from 12 to 14 plows. We use only eight plows, however, and find it a very good size. It cuts a strip 9 feet 4 inches wide, nearly the width of the engine track, and yet the plow is narrow enough to pass through gates and over bridges. By using this number of plows we can break the soil to a good depth, from 8 to 12 inches, according to the condition of the soil.

The soil was perhaps as hard as it ever gets last fall before the rains began, and many persons plowing with teams were forced to suspend operations until cooler weather. It was hard pulling even with an engine and the soil turned up pretty chunky, the clods being from 8 inches to 2 feet in diameter. The ground over which the drive wheels passed, however, turned up very even and there wasn't a clod in it bigger than a walnut. The drivers, each being 3 feet wide, covered most of the ground, leaving it in



Gas Tractors Are Becoming More Popular in Kansas, For They Have Reduced the Cost of Power Production When Handled Properly.

fine condition. Some of the ground was so hard that we found it necessary to pass over it with the engine wheels.

We usually ran only about eight hours a day and called 25 acres a good day's work. We used about 50 gallons of kerosene at 6 cents a gallon, 2 gallons or less of gasoline at 10 cents a gallon, 4 gallons of cylinder oil at 40 cents a gallon, and 10 gallons of water for plowing 25 acres, making the cost of the fuel less than \$5. We have a self-lift plow and a self-guide on the engine, making a complete one-man outfit. However, although one man can handle the outfit, we usually employ two so that both of them will have a fairly light job. The fuel capacity of our engine is large enough to run a day without refilling. Plowing is the hardest work the tractor does on the farm. Threshing takes only half as much fuel an hour as plowing, when a 33-inch separator is used.

I think 50 per cent of the efficiency of the tractor depends on the engineer, at least I have found it so. Taking everything into consideration, the gas engine is much simpler and easier to handle than the steam engine. The engineer on the steam engine has a very hard job. He must shovel coal, keep water in the boiler, and see to the lubrication all at the same time. The gas engineer has a comparatively easy task. After the supply tanks have been filled, he shovels his coal by simply opening the throttle. He doesn't have any water gauge to watch, and as the later tractors are equipped with a very complete and efficient oiling system, he has only to fill the oiler. I think the mechanism of the gas engine is much simpler than that of the steam engine.

Besides using our tractor for plowing and threshing, we do many other jobs with it such as shelling corn, sawing wood, pulling hedge, and heavy hauling. A heavy tractor is an especially fine hedge or stump puller. I think the cheapest way of clearing land is to use a tractor. It doesn't take much fuel and is much quicker than a stump puller. Everest, Kan. Clare Dickinson.

### Milk Show at San Francisco

Among the many activities of the department of livestock of the Panama-

Pacific International Exposition which have for their objects the showing of the utility side of the livestock industry there is none perhaps which will appeal to a wider range of clients than the milk show which will be held by this department in Congress hall from June 14 to 19, 1915.

### Use the Bermuda Roots

BY W. D. BENTLEY.

There is little chance for success in getting a start of Bermuda by sowing the seed. The seed sold on the market usually is of low vitality. The seed is grown only in the South, where the plants are not subject to cold weather, hence the plants grown from seed are not as hardy as those now growing in this state. The surest and best method of getting a set of Bermuda is to plant the roots.

Bermuda roots may be planted any time from March to June. Four or five 2-bushel sacks of roots are sufficient for an acre. Bermuda roots usually sell for about \$1 a sack, or six sacks for \$5. It probably would cost about \$10 to plant the first acre of Bermuda. After getting a start of good, home-grown

roots the acreage could be increased at a much smaller expense.

In digging the roots, plow up only as much as can be gathered during the day, as exposure to sun and wind injures them. With a potato fork or common pitchfork shake the roots free of dirt and pack them in sacks. They should be well moistened before shipping. Roots from very sandy land are easiest freed of dirt.

On receiving a sack of Bermuda roots for planting, they should be soaked in a tub of water for 10 or 12 hours. Roots dried out in shipping until apparently dead will revive if soaked over night. The roots should be chopped in pieces about a foot long and planted in rows about 3 feet apart and about 2½ feet apart in the row. It pays to prepare as good a seedbed for Bermuda as for corn or cotton.

A good method of planting Bermuda is to plow the land shallow with a turning plow, dropping the roots in every third furrow. Harrow well close behind the planting to prevent drying out.

The best method is to plant the roots in the bottom of deep lister furrows, following the lister closely and covering the roots before the soil has time to dry out. By this method grass and weeds can be kept down easily and cheaply with the section harrow. The lister furrows gradually will fill up with each harrowing and the Bermuda will get deeply rooted and be better able thereby to withstand the drouth and freezing weather. Upon embankments and in gullies and other land too rough for horse tools, plant by hand, setting the roots deeply with a spade so they will not dry out.

Bermuda roots usually are slow to start, but later they will grow luxuriantly, and if the season be favorable, the ground will soon be covered. Two chief things to remember about Bermuda are: Get an improved, hardy variety, and set it deeply in the soil.

If Bermuda is thin, plowing and harrowing will improve the stand. Old Bermuda pastures are greatly improved by plowing under deeply and harrowing well every third or fourth year. This should be done when there is plenty of moisture in the soil.

**FROM a standing start to a 30-mile rate in 10 seconds, without a jerk or jar. From express train speed down to a mere drifting—slower than a walk—on high. All as smooth and noiseless as flowing oil.**

# Detroit

## 8-CYLINDERS

## \$1295

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Here is a car that develops 60 horse-power, yet records from every section show that it is delivering an average of 15 to 20 miles a gallon.

A car of unusual roominess. Yet it weighs less than 2,500 pounds. A car that is excess-tired with its regular equipment 33x4 inch tires, non-skids rear.

The heart of the car is a unit power plant refined for the special strength and low weight of the car. The greatest relative horse-power built into an American car—one horse-power to every 41 pounds. Pistons are aluminum alloy. Carbon cannot form on them.

See this car—or better, take a ride in it. The Detroit dealer will be glad to let you see how it works in every place that gives a car a real test. Write us for folder showing details and car in actual color.

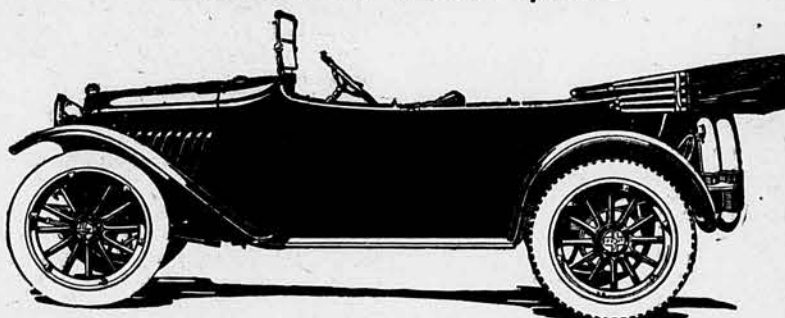
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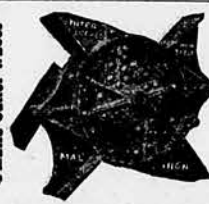
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STRAIGHT 5¢ CIGAR ALWAYS RELIABLE

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Send your name and address and you will receive FREE our Quotation List regularly. WRITE today.  
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## What's the Best Shortening?

An Experience Meeting of Readers of the Farmers Mail and Breeze, With a Few Choice Recipes

"BEST shortening" refers presumably first to healthfulness, second to flavor, third to economy. For cake making butter cannot be excelled; for all other purposes I prefer a vegetable oil. It is of better flavor and more easily digested than lard or other animal fat, besides being much more economical. The cookery of France and others of the old countries owes much of its famed excellence to the use of oil instead of animal fats; and none of those countries is known as a "nation of dyspeptics," a term applied to Americans as a result of the almost exclusive use of hog's lard as a shortening and frying medium for many generations.

In Europe olive oil is used. Here we have an oil which when properly refined, is its equal in healthfulness and flavor, produced from seed of the cotton plant. This oil is on the market under various trade names, but as plain "cooking oil" I buy it at \$3.35 for a 5-gallon can. It does not become rancid and is good for salad dressings, gravies, bread, pie crust, macaroni or spaghetti, is unexcelled for doughnuts, or for any frying or sauteing.

Having no pronounced flavor of its own the delicate natural flavor of all foods prepared with it is unimpaired. Another good point is that it may be heated to a much higher temperature than animal fats without smoking.

Mrs. M. E. Surface.

R. 3, Louisburg, Kan.

### Cream Is a Favorite

I wonder if country cooks, as a rule, appreciate the value of cream, both sweet and sour, in their cooking. To be sure, cream furnishes not a little of the cash income on most farms, and its use is often limited to a supply for the table cream pitcher. This is a mistake, for the economic uses of cream in cookery are numberless. The wholesomeness of food prepared with cream for the shortening ought to mean much, especially to the family with children, or with dyspeptic members.

A cup of cream will not produce much butter, but it makes a good substitute for a half cup of butter in many recipes. It is easy to use, thus saving time in the preparation of dishes, and it is delicious and easily digested. It will not take the place of other shortening in every case, but try these recipes for variety's sake.

### Cream Cake.

Beat together 1 cup sugar, a pinch of salt, and 2 eggs. Flavor to taste, and beat again. Add 1 cup of cream and stir until sugar is dissolved. Add 3 cups of flour sifted with 2 heaping teaspoons baking powder. Bake in two layers. Put together with whipped cream and chopped nuts or bananas it makes a delicious cake. This cake, used with fruit, makes a delicious shortcake. Spice, raisins, coconut, chocolate or nut meats may be added to the batter, making quite a variety. It is good baked in gem pans. For doughnuts, use 1/2 cup milk with 1/2 cup cream, and flour for firm dough. Either sweet or sour cream may be used. With the sour cream use a little soda, just to sweeten it, and a teaspoon of baking powder in the flour, with every cup of cream used.

### Corn Bread.

Mix 1 cup yellow cornmeal, 1 cup white flour, 1 tablespoon sugar, 1/2 teaspoon salt and 1 teaspoon baking powder. Stir in 1 cup of thin, sour cream sweetened with pinch soda. Add an egg if you have plenty. It is very good without. Beat well and bake in thin sheet or in gem pans. The batter should be almost stiff enough to require spreading, so use judgment as to the exact amount of cream needed. Graham may be used in place of the cornmeal.

Cream may even be used to "shorten"



light bread. A cup full of cream, scalded, may be added to the bread sponge when set at night.

### Fruit Dumplings.

One egg, a pinch of salt, a little sugar, and a cup of thin cream beaten together with 2 cups of flour and 2 round teaspoons of baking powder. This batter, poured over quartered apples or other fruit in two quart pudding pan, and steamed 2 hours or baked, makes a good pudding. Serve with sugar and cream, plain or whipped.

York, Neb.

Florence M. Dietrick.

### Shortening That You Buy

Taking everything into consideration I prefer Crisco to any other fat made, although I have used Cottolene, Crusto, and Snowdrift. For biscuits, pastry and cakes I could not recommend a better shortening than Crisco, while for frying nothing excels Crisco. The reasons why I prefer Crisco are:

It is capable of taking a very high temperature without smoking. Also, in frying it bakes instead of soaking the interior of the food.

Crisco does not absorb flavors or odors. I have fried potatoes in the same Crisco in which I had fried onions, and it left no taste of onion in them.

In cake making Crisco gives all the butter richness without the butter expense. When using Crisco for cakes I always add salt to the mixture.

Some of my favorite recipes are:

### Baking Powder Biscuits.

Two cups flour, 1 teaspoon salt, 4 teaspoons baking powder, 2 tablespoons Crisco, 3/4 cup milk. Mix and sift the dry ingredients twice. Cut the Crisco in with two knives, gradually add the milk, mixing with a wooden spoon to a soft dough. Toss on a board and roll about 1/2 inch thick. Cut with a biscuit cutter. Place on a tin greased with Crisco and bake in a hot oven 12 or 15 minutes.

### Devil's Food Cake.

Custard Part: One cup grated chocolate, 1 cup sugar, yolk of 1 egg, 1/2 cup sweet milk. Mix sugar and chocolate, add milk gradually, and the well beaten egg yolk. Cook until thick, or about 15 minutes, then set aside to cool.

Cake Part: One cup sugar, 1/2 cup Crisco, yolks of 2 eggs, 1 cup butter-milk, 2 1/2 cups flour, stiffly beaten whites of 2 eggs, 1 teaspoon soda dissolved in 1 tablespoon hot water. Cream together the sugar and Crisco, then add the beaten yolks of the eggs, then add the buttermilk. Beat well, then add the flour gradually. Next add the stiffly beaten whites of the eggs. Beat all together well, and lastly add the soda dissolved in the hot water. Flavor with vanilla, then add the custard. Bake in layers in a moderately hot oven.

Filling: Two cups sugar, 1/2 cup grated chocolate, 1 cup sweet milk. Cook until thick and almost as creamy as fudge. Spread on layers and on top. Put on while warm, as if left until cool it will be too hard.

Mrs. Marjorie T. Wimple.

Waco, Tex.

### Drinks For Summer Days

BY OLIVE STERLING GLASGOW.

To make an orange sirup to be used in cool drinks take 2 dozen oranges and squeeze out the juice. Add 2 cups of brown sugar to each pint of juice. Grate the rinds of 1 dozen oranges, and add this to the mixture. Boil for 5 minutes, put in pint bottles and seal.

### A Hot Drink.

One heaping teaspoon cocoa to 1 cup of milk. Scald the milk, mix the cocoa to a paste and stir into the milk, add a big stick of cinnamon, and boil 5 minutes. Then remove from the fire, add 5 drops of vanilla for each cup, and

beat with the egg beater until frothy. Serve with a spoonful of whipped cream on each cup.

### A Mixture.

One cup lemon juice, 2 cups orange juice, 4 cups shaved ice, 1 quart split strawberries or raspberries, 1 pint tea freshly brewed, sugar to suit taste.

### Pineapple Lemonade.

Make a sirup of 1 cup of sugar and 1 of water. Pare 1 pineapple and grate, add it to the sirup with the juice of 3 lemons, and let cook 2 minutes. When cool add 1 cup of fruit juice. When serving pour some of this mixture in glasses and fill with ice water.

### Fruit Vinegar.

Berry and grape vinegars may be made and used in drinks with ice water. To make the vinegar put 3 quarts of fruit in a stone jar with 1 quart of pure cider vinegar, put a weight on it, and let stand 2 days. Then drain off the liquid and put 3 quarts of fresh fruit in the vinegar. Do this three times, then strain the liquid and add a pint of sugar for each pint of liquid. Boil 10 minutes, skimming well. Let stand a few minutes, then put in pint bottles and seal.

Courtland, Kan.



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

The pattern for boys' middy blouse and trousers 7230 is cut in two sizes, 2 and 4 years.

Waist 7192 is in six sizes, 34 to 44 inches bust measure.



Skirt 7193 is in six sizes, 22 to 32 inches waist measure.

The house dress and cap 7190 is in six sizes, 34 to 44 inches bust measure.

Girls' dress 7202, which can be worn with or without the Eton jacket, is in sizes 6, 8, 10, 12 and 14 years.

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The 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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Write me today for free booklets including letters from farmers giving their experiences on these lands and details about the easy contracts we offer, by which you get possession of 160 acres for only 1/4 down—no further payments on principal for two years, then one-eighth each year till paid. Interest only 6%. Where else can you buy a farm so easily? Write to-day.

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Santa Fe Land Improvement Co. 1828 Santa Fe Bldg., Topeka, Kan.





## The Eight-Cylinder Cadillac and what it means to the farmer

**I**T means, to begin with, so much better riding quality in the car that no salesman will need to point it out to you.

You will recognize at once, without being told, that you have never ridden in a car so comfortable.

It is difficult sometimes to distinguish between the riding qualities of one car and of another, because it is a matter of only a slight degree one way or the other.

But with the Eight-Cylinder Cadillac, the case is altogether different.

Before you have ridden a mile you will realize that you cannot choose another car unless you are willing to content yourself with something much less luxurious than the Cadillac.

There are no two ways about it—no chance for argument or discussion—the superior smoothness and steadiness are immediately apparent.

But this greater degree of comfort is only the beginning of the Cadillac story.

In everything you expect of a motor car, the Cadillac "Eight" will do more than any other car, and do it better.

In other words, no matter what any other car may do for you in hill climbing, in getting swiftly under way, in freedom from gear shifting, in lack of vibration, in quick, quiet transition from one speed to another—the Cadillac will do so much more that there is simply no chance for comparison.

To own a Cadillac means, in short, that you will never meet another car which is its equal in any requirement or in any condition you may encounter.

But again, this does not get beyond the first chapter of the Cadillac story.

Owning a Cadillac "Eight," or being content with less than the Cadillac "Eight," presents a pretty close parallel to the ownership of a fine horse as against the ownership of a poor one.

Both of them will get over the ground—and even the poor horse will usually do a certain amount of good work.

But no one needs to argue with you that the ownership of a fine horse is a more satisfactory thing and a better investment in every sense of the word.

You are more than repaid, not once, but ten thousand times—every time you drive it, for the possession of the better bred animal.

Any car will carry you from one place to another—but none of them will give you the same ease, the same comfort, the same continuous satisfaction that the Cadillac "Eight" will give.

From the standpoint of investment, the Cadillac "Eight" yields even a higher return than the fine horse.

That has always been true of the Cadillac—its greater investment value from the standpoint of long life, constant service, and high market value after several seasons' use—but it is more than ever true of the Cadillac "Eight."

In the past, the farmer has been chiefly offered a less refined motor car—and he has gotten just exactly the return he would get if he bought one of his farm machines on a low price basis.

You know the penalty you pay when you buy your silo or your separator or your plough largely because its price is low.

And motor cars are no different in that respect from any other product.

You get a certain amount of service from any motor car, no matter what price you pay—but you get the most service only when you have found the car which is universally known to give most.

The assurance you have in the Cadillac "Eight" is that there is nothing beyond or above it, which can give you more in ease, in efficiency, in long life, or in continuous solid comfort.

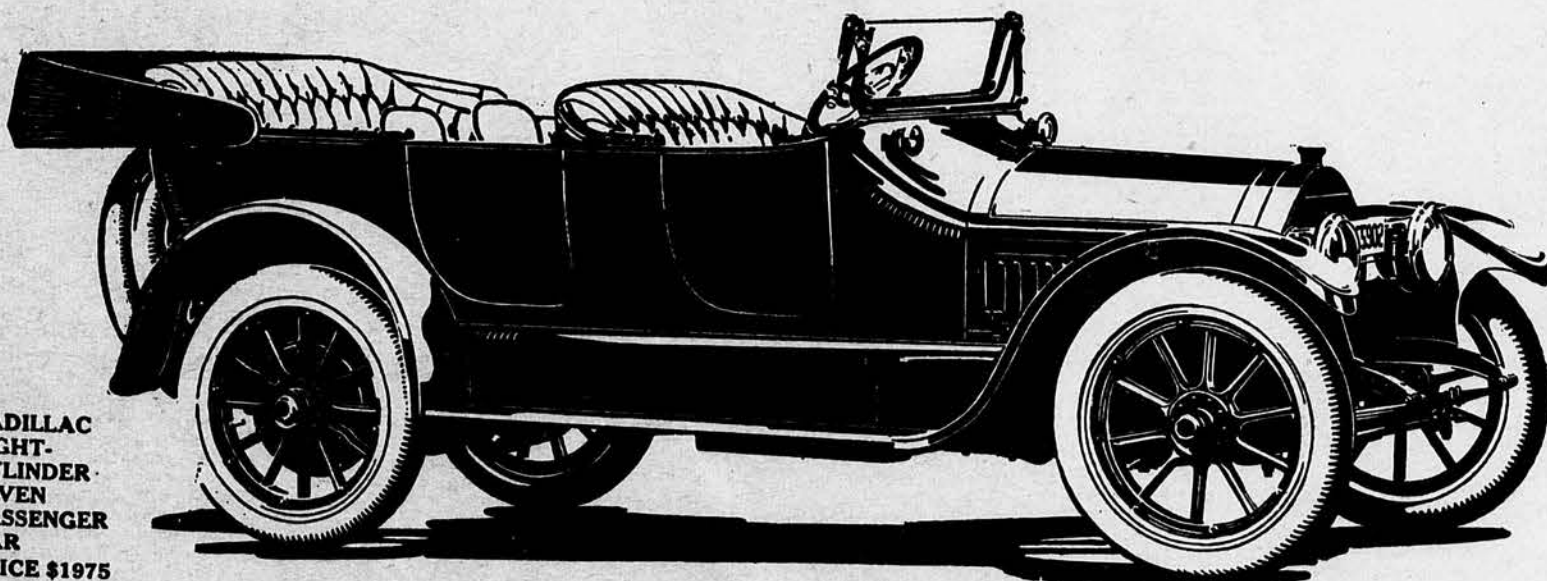
The further assurance is that it is known everywhere as the car of matchless reputation.

You might buy several low priced cars for the price of the Cadillac "Eight" and use them one after another in the course of the year—but you would still not get a single hour's service equal to any hour's service in the Cadillac "Eight."

We have never heard of a farmer who drove the Cadillac "Eight" or rode in it for ten minutes who did not want to become an owner.

This is sure to be your experience if you will weigh first cost and last cost, and comfort and long life and real value.

Therefore you owe it to yourself to see a Cadillac dealer at once and have him demonstrate to you all of the capabilities of this wonderful car.

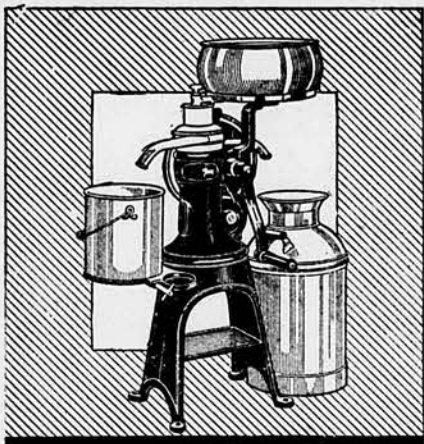


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## Beatrice Cream Separator

Farmer Onswon says:

"Don't pay a premium for a name only. Mark this: Of all cream separators the Beatrice is the one high-grade separator that sells at a reasonable price. \$35 bought me a Beatrice that skims two gallons of milk per minute—1000 pounds per hour. Other high-grade separators of like capacity would cost you \$100 to \$125."

"Why pay more than the Beatrice price? The saving is 25 per cent to 40 per cent, according to size. The Beatrice is the separator with the double-angle discs. We get all the cream. With the Centrifugal Washing Device we clean its bowl in less than two minutes. You will need buy only one Beatrice in your lifetime. All wearing parts are replaceable. You can make a Beatrice all over again, a new separator out of the old one, for \$35."

Buy with your eyes open. Send for catalog.

**BEATRICE CREAMERY CO., Chicago**  
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Catalog "F"  
**Marvin C. Van Derveer**  
Council Bluffs  
Iowa



## Milk Used for Condensing

BY D. F. HOUSTON,  
Secretary of Agriculture.

Condensed or evaporated milk should be made from the whole, fresh, clean milk produced by the complete milking of healthy cows. It should contain a definite amount of nutritive materials as indicated by milk fat and total solids, according to a food inspection decision recently issued. The definition embodied in the decision will guide the officials of the United States Department of Agriculture in the enforcement of the food and drugs act. The product to be in accordance with the definition, must contain not less than 25.5 per cent of total solids and not less than 7.8 per cent of milk fat.

The total solids include all the substances in the condensed or evaporated milk except moisture and are, therefore, an index of the actual food value of the product. The department officials are of the opinion that the fixing of a minimum below which neither the total solids nor milk fat may fall, a condensed milk of high nutritive value is insured.

The definition also requires that the milk must be from cows properly fed and kept, and is intended to prevent the sale of condensed milk made from milk from cows fed upon unwholesome feeding stuffs, such as swill and brewery slop, or which have been kept under such insanitary or unfavorable conditions as might impair the quality of the milk.

## Ways to Keep Cream Cool

BY R. McCANN,  
Colorado Agricultural College.

Now that warm weather is approaching, every possible means must be taken to get cream on the market in good condition. The warm days that have already passed have had a marked effect in lowering the quality of cream now being made into butter.

Attention must first be paid to cooling the cream just as soon as separated. However, the greatest exposure to heat usually comes when the cream is hauled to market, and the cans are left uncovered, and exposed to the hot sun and dust.

It has been found by experiment that the temperature may be kept more than 20 degrees lower when dampened blankets are thrown over the can or dampened blankets are used than when the cans are left uncovered. In addition, the dirt and dust are kept away from the cans and cream.

It is not only to the advantage of the producer to help in keeping up the quality of the cream so that good prices may continue, but low grade cream cannot be allowed to come upon the market in the future.

## Produce 40 Per Cent Cream

The cream separator screw should be set to deliver cream containing from 35 to 45 per cent fat. Cream of this richness has a better keeping quality; it is less bulky to handle, and more skim-milk is left on the farm for feeding purposes than when a thin cream is skimmed. Aside from the fact that cream with a high per cent of fat is of benefit to the patron, it is also of great importance to the creamery in the manufacture of the best quality of butter, as it allows pasteurization and the use of starters in ripening cream to be carried on with better results.

## Mason Had Spending Money

Mason Berry, age 16, of Morrowville, Kan., raised 3 acres of corn last summer

that averaged 53 bushels an acre by weight. Mason entered a corn contest conducted in his county but for some reason failed to get the information blanks from the college in time to keep his records and so he did not enter his corn on round-up day.

He double-disked the ground, a little later harrowed it, and listed it May 8. The corn was cultivated three times with a walking cultivator, and later in the season was worked once with a 5-tooth cultivator. When the corn was laid by, the ground was level.

Mason sold a part of his corn for 70 cents a bushel and still had corn left to sell for seed. With the money from the corn he bought an almost new Columbus buggy for \$42, lumber to build a shed for it and had enough money left to buy a calf. The entire crop at 70 cents would bring \$111 or \$37 an acre.

## Mrs. Moore's Phlox

I have sprayed my phlox but the leaves drop off and the plants are dying. Blue Rapids, Kan. MRS. MOORE.

It is difficult to tell at long range, just what is the matter with Mrs. Moore's phlox. If it is rust, as she suspects, it may be controlled by spraying with Bordeaux mixture. However, there are many different diseases that will cause the leaves to turn yellow, become spotted and drop off.

It would be difficult to say without examination of a specimen of the trouble just what is causing her so much grief. We find that some plants potted out in this climate and frequently watered, in soil which is permitted to bake, usually drop their leaves in the manner described in Mrs. Moore's letter. We have noticed this particularly with geraniums.

If Mrs. Moore will send us a specimen and state whether the phlox is annual or perennial and if the suckers have been permitted to grow around the base, also the method of watering and cultivating, we will try to find a remedy for the disease that is killing her plants.

M. F. Ahern,  
Kansas State Agricultural College,  
Manhattan, Kan.

## For More Plant Food

(Continued from Page 3.)

vation of the soil. It is therefore possible to prepare an ideal seedbed only when the preparation of the ground is started early in the summer.

"Listing is a good method of preparing a seedbed for wheat, providing the work is done properly. Ground can be listed more rapidly than it can be plowed, and thus where a large acreage of ground is to be prepared the work can be done earlier in the season by listing than by plowing. It is advisable, however, when listing is the general practice followed, to plow the land occasionally. The plow pulverizes and inverts the soil more thoroughly than the lister, and thereby puts it into better physical condition.

"It will be seen from our tests that the largest yields of wheat and the largest profits result from those methods of preparation by which the soil is worked early in the season and kept cultivated until the wheat is sown, and when the wheat is grown in rotation with other crops. This corroborates our observations and the results of past trials. There may be an exception to very early plowing on fertile soils in wet seasons. Upon soils rich in plant food and well supplied with moisture very early cultivation and continuous working of the seedbed may liberate plant food in such large amounts that the wheat lodges, resulting in a decreased yield. Under these conditions medium early plowing is advisable."

**\$15.95** Upward ON TRIAL

## AMERICAN CREAM SEPARATOR

A SOLID PROPOSITION to send fully guaranteed, a new, well made, easy running, perfect skimming separator for \$15.95. Skims warm or cold milk; making heavy or light cream. The bowl is a sanitary marvel, easily cleaned.

**ABSOLUTELY ON APPROVAL.** Gears thoroughly protected. Different from this picture, which illustrates our large capacity machines. Western orders filled from Western points. Whether your dairy is large or small write for our handsome free catalog. Address: **AMERICAN SEPARATOR CO., BOX 3092 Bainbridge, N. Y.**

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**TIRES, COASTER-BRAKE** rear wheels, inner tubes, lamps, cyclometers, equipment and parts for all bicycles at half usual prices. A limited number of second-hand bicycles taken in trade will be closed out at once, at \$5 to \$8 each.

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**GERMEX**—Cheapest and best roup and cholera preventive and treatment, does the trick. Save 50% of your protection cost and raise more chicks. 25 cent package makes a pint of concentrated liquid GERMEX. Order today; postpaid. **The Colwell Remedy Co., Pawnee City, Nebraska.**

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This book is the greatest time and labor saver ever offered the American farmer. It is also a great money-saver and money-maker. It shows you how to accurately and instantly figure out any problem that may come up—how to figure estimates, wages, taxes and interest on any sum of money, and number of days at any rate—tells bushels and pounds in loads of grain; correct amount at any price; weight and prices of livestock; contents of cribs, wagons, bins, etc. It is a "lightning calculator," always ready when you want it. Bound in red cloth covers, 128 pages, pocket size. One copy of this famous book free to all who send 25c for a year's subscription to our well known home and farm monthly.

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# How many Rats are you Boarding?

Reliable authorities estimate that each rat eats and destroys one dollars worth of grain per year. **Twenty-five rats on your farm cost you \$25.00 per year, or interest on \$400.00,** which amount will buy four or five Columbian Rat-Proof Metal Grain Bins.

There are 300,000,000 rats in this country. How many more than 25 of these are you boarding? Even if you have only one pair on your farm now they will multiply into the thousands if you continue to provide food and shelter for them.

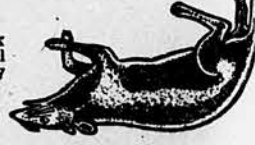
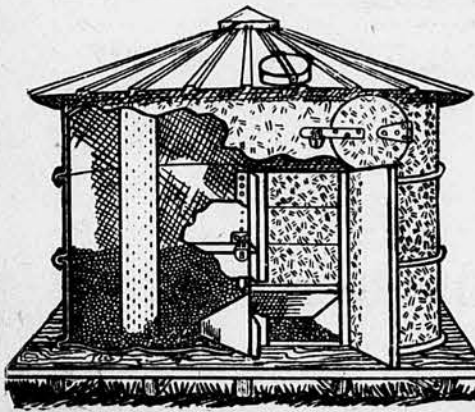
## COLUMBIAN METAL GRAIN BINS

are rat, mouse, vermin and burglar proof. They enable you to store all your grain without loss. Last year (1914) they saved their owners over \$2,000,000.00 by enabling them to hold their grain for \$1.25 and \$1.50 per bushel. One Columbian owner stored 850 bushels of wheat and realized a clear profit of over \$650.00.

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# Rain Great for Corn and Hay

Kansas Receives 20 Million Dollars' Worth of Moisture

BY OUR COUNTY CORRESPONDENTS

GROWING corn is small, but with the soil thoroughly soaked it should now make a rapid growth. Cultivators, weedeers and disks have been stopped by the recent heavy rains, but the big fight against weeds will begin as soon as the surface dries again. J. C. Mohler, secretary of the state board of agriculture, estimates that the rains last week were worth at least \$1 an acre on the 20 million acres of pasture land in this state.

## KANSAS.

**Gove County**—Corn planting about done. Wheat looks very good. Grass was never better at this time of year. All stock doing well. Fruit not injured by the late freeze. Eggs 16c.—H. W. Schable, May 15.

**Wilson County**—One-fifth of the crops are in. Streams are very high. One-third of alfalfa cut was destroyed by streams overflowing. Stock scarce and high. Pastures good but cattle will not improve on wash grass.—S. Carty, May 21.

**Harvey County**—Rainy and cloudy all this week. Wheat damaged quite a little by fly and some of it being listed to corn. Bad hay weather. Some of it is cut and somewhat damaged. Wheat \$1.35; corn 70c; eggs 15c.—H. W. Prouty, May 21.

**Geary County**—Weather wet and cold all week and we had 4 inches of rain in 4 days. Corn nearly all planted and it shows a good stand. Wheat looks fair. Stock doing very well. Wheat \$1.41; oats 50c; corn 70c; eggs 15c.—O. R. Strauss, May 22.

**Pratt County**—Plenty of rain. Wheat is rather spotted and damaged a little by Hessian fly. Corn is up and growing rather slowly on account of cool weather. Grass is good. Alfalfa fine. Stock doing well and prices are fair.—J. L. Phelps, May 21.

**Thomas County**—Big rain ending in 3 or 4 inches of snow May 18. Corn coming up. Grass good. Wheat in north part of county good, but not so good in the south part. No cutworms. Wheat harvest will begin about July 1. Eggs 15c; butterfat 26c.—C. C. Cole, May 21.

**Kiowa County**—Weather very wet and cold. Wheat prospects not so good as we thought they would be and some of the wheat land is being plowed. Corn growing nicely. Trees and shrubbery growing fast. There will be peaches, cherries and plums.—H. E. Stewart, May 22.

**Pawnee County**—Four inches of rain the last week and weather cool. Alfalfa that is ready to cut is badly tangled. Stock selling high, especially work horses and mules. Spring planted corn is coming up nicely. Wheat \$1.56; corn 85c; oats 65c; eggs 13c.—C. E. Chesterman, May 22.

**Wabaunsee County**—About 5 inches of rain fell the last week. Wheat and oats looking good except some fields damaged by the chinch bugs. The alfalfa crop will be heavy. Farmers have been unable to put the alfalfa up on account of wet weather.—Henry Lesline, May 22.

**Clay County**—Wheat looks the finest ever but the fly is thick in some fields and doing some damage. Corn is almost all planted and up. Oats doing fine. Alfalfa ready to cut and the growth is very rank. The big rains this week did no washing to speak of.—H. H. Wright, May 22.

**Saline County**—Alfalfa crop partly cut. Wheat badly damaged by Hessian fly. Three inches of rain fell since Tuesday morning. Oat crop will be very light. Quite a few buildings being built in the neighborhood. A good deal of the wheat being planted to corn.—Jas. Gribben, May 22.

**Phillips County**—Ground is in fine condition since the heavy rains last week and corn, wheat and alfalfa are looking very good. First crop of alfalfa will be in next week. Some corn is being replanted. Quite an acreage of forage crops being planted this year.—Roy Stanley, May 21.

**Jefferson County**—The last week has been quite rainy but no heavy rains have fallen. It is rather too cool for corn but fine for wheat and oats. Bugs and fly have damaged wheat to some extent. First cutting of alfalfa ready and some cut. Very poor hay weather.—Z. G. Jones, May 22.

**Brown County**—Some damage to wheat by Hessian fly and chinch bugs. Early sown oats look well. Corn all planted. Nearly 3 inches of rain this week. Some alfalfa hay made. Pastures very good. Wheat \$1.40; corn 71c; oats 50c; cream 24c; eggs 16c; hogs \$7.25.—A. C. Dannenberg, May 20.

**Graham County**—The soil is soaked by a 3½-inch rain. Fifty per cent of the wheat looks fine and 25 per cent has been plowed up. Corn planting almost finished. Pastures good. Alfalfa almost ready to cut. Stock looking very good. Hogs \$6.75; wheat \$1.34; corn 65c; eggs 15c.—C. L. Kobler, May 22.

**Comanche County**—Plenty of rain. Corn planting finished, and there is no complaint of a poor stand. About the usual acreage of kafir being planted. Feterita acreage increased. Cattle doing very well. A small amount of sod being broken. Wheat condition not so good as last year.—S. A. Delair, May 22.

**Linn County**—A good rain fell on May 19 and 20 which was needed badly. The stand of corn is good. Some kafir to plant yet. Some alfalfa has been cut and the remainder is ready to cut. Oats and wheat fair. Bluegrass was never better and a large amount of it is going to seed in pasture.—A. M. Markley, May 22.

**Butler County**—Heavy rains May 19 and 20, and streams are the highest they have been since 1904 and the lowlands are under water. Not much damage to the wheat by the fly here. Lots of corn and kafir will have to be replanted on account of heavy rains. Eggs 15c; hens 10c; fat hogs \$6.80.—M. A. Harper, May 20.

**Miami County**—Three days of steady, hard rain and creeks are out of their banks and bottom lands are flooded, damaging growing crops somewhat. Corn not nearly all planted. Wheat looking fairly well but bugs are damaging it a little. Grass growing well. Alfalfa ready to cut but weather is not favorable for hay making. Pastures good and

stock doing nicely. Pig crop rather light. Some hogs going to market at 7c; wheat \$1.43; corn 85c; eggs 15c; butterfat 25c.—L. T. Spellman, May 20.

**Coffey County**—Heavy rains the last week have put a stop to all farm work. The first crop of alfalfa is cut and it is a very good crop. Fruit prospects poor owing to the wet weather during blooming time. Potatoes not doing well. The rain and cool weather are hard on small chickens. Eggs 15c.—Mrs. A. H. Stewart, May 22.

**Shawnee County**—Three and a half inches of rain the last week. Wheat in the bottom looks fine. Some of the upland wheat has been damaged by the bugs. About half of the alfalfa is cut and lying on the ground. Corn looks good and part of it has been worked over the first time. All stock doing well.—J. P. Ross, May 22.

**Lincoln County**—An all day rain May 18. Wheat good in the south part of the county but not so good in the north. Corn planting done and most fields have a good stand but small for this time of year. Grass good and cattle doing nicely. Small calf crop. Some rumors of fly in wheat but no damage showing up yet.—E. J. G. Wacker, May 18.

**Wallace County**—Two weeks of nice weather up to May 16 which farmers took advantage of to plant corn and feed crops. It turned colder and began to rain on May 17 and ground is now too wet to get in the fields. Wheat couldn't look better. Grass fine. Stock doing nicely. Fruit crop will be large. Wheat \$1.35; corn 75c; eggs 15c.—Charles McKinley, May 21.

**Atchison County**—Nearly every one is through planting corn and some have begun cultivating. The conditions for all growing crops are ideal. Pastures excellent. There is an increasing demand for stock cattle. Brood sows scarce. Horses and mules being thinned out by army buyers. Wheat has been damaged some by chinch bugs.—C. H. Feerer, May 20.

**Sedgewick County**—A 5-inch rain this week which more or less damaged the crops. A great deal of alfalfa hay will be a total loss. The alfalfa mills are busy grinding hay to be shipped to Europe and it is bringing good prices. Not much fly in the wheat and farmers think it will be all right. Some of the fields are fine while others are damaged some.—J. R. Kelso, May 22.

**Lyon County**—Over 4 inches of rain May 19 and 20 which damaged alfalfa and crops on the overflow land of the Cottonwood and Neosho rivers. The rain killed a good many chinch bugs. Plenty of pasture for stock. Farmers very backward with planting crops on account of wet weather. Recent rains were good for wheat and hay and early potatoes.—E. R. Griffith, May 22.

**Neosho County**—Farmers were busy between May 11 and 18 replanting early corn and cultivating it. Most of the corn is planted now. A 3 or 4-inch rain on May 19 and 20. Wheat damaged some and part of it will be plowed up. Oats look good but the bugs are plentiful. Alfalfa is excellent and will be cut as soon as it is dry enough. Prairie grass growing fast.—A. Anderson, May 22.

**Marshall County**—A good soaking rain came in time as the ground was getting dry. This wet and chilly weather will stop the work of chinch bugs in the wheat. The cutworm is working a little in the corn and some farmers are talking of replanting part of it. A few farmers were cutting alfalfa but this rain has stopped that work for a while. Eggs 15c; butterfat 25c.—F. G. Stettinisch, May 20.

**Harper County**—Plenty of rain. Stock doing very nicely on pasture. Not many hogs in county. Corn planting done but it is not growing very fast on account of wet weather. Wheat heading out and promises a fair crop. Not many chinch bugs and no fields being plowed up. Alfalfa crop being cut for the first time and some of it is being spoiled by wet weather. Prices very high.—H. E. Henderson, May 22.

**Clark County**—This has been the most favorable spring we have had for several years. We will have about 25 per cent of a wheat crop. A large acreage of wheat has been plowed up for small grain and forage crops. Alfalfa looking well and is about ready to cut. Grass was never better and all stock doing well. Some corn ready to plant yet.—H. C. Jacobs, May 18.

**Anderson County**—Four inches of rain the last three days which stopped all work. Twenty-five per cent of the corn is to be planted yet. There is some complaint of chinch bugs in the oats. Big crop of alfalfa is ready to cut as soon as the ground is dry enough. Pastures good. About the usual number of colts this spring. Horse buyers are paying good prices for horses and mules. Hogs 7c; corn 70c; eggs 15c.—G. W. Kiblinger, May 21.

**Books County**—Corn planting about finished, but owing to the cold damp weather it is not growing fast. We had frost and snow on May 19. Chickens and turkeys are having a hard time of it but livestock is doing nicely. Pastures better than they have been for years. Barley and oats slow but a few days of warm weather will bring them out in fine condition. Eggs 14c; butterfat 22c; wheat \$1.38; oats 65c; corn 85c.—C. O. Thomas, May 21.

**Cloud County**—Almost 2½ inches of rain since May 18 and crops are doing very well. Wheat is heading and alfalfa is ready to cut. Corn nearly all planted and some of it ready to cultivate. Fruit prospects fair, especially peaches and pears. Canker worms have damaged both fruit and forest trees. Gardens and potatoes doing very well. Harvesting is going to come at about the same time as alfalfa cutting and corn cultivating. Some wheat in bins yet to be marketed.—W. H. Plumly, May 22.

**Hamilton County**—Lots of rain the last week and ground is thoroughly soaked. Farmers only one-third to one-half through with the planting. Large crop of calves and colts. Grass is very good. Stock of all kinds doing very well. A few horses and mules offered for sale. The dairy business is increasing rapidly and much of the open land being fenced for pasture. Wheat, oats, barley, alfalfa, and gardens making great growth. Fruit prospects good. Large acreage of Sudan grass being planted. More corn planted than ever before in the history of the county. Eggs 16c; wheat \$1.45; corn 75c; fat hogs 7c; cream 25c.—W. H. Brown, May 22.

## The Verdict

—convincingly and overwhelmingly for Goodrich

The B. F. Goodrich Company alone through the daily press of *January 31st* gave to the consuming public the most sweeping reduction ever made in tire prices. This established the only genuine Fair-List in existence on non-skid tires today.

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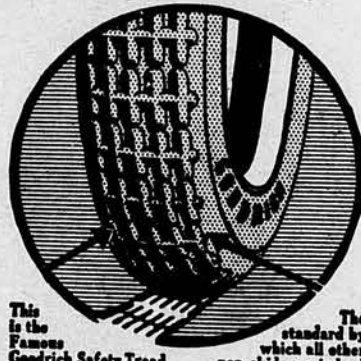
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Size	Goodrich Safety Tread	OTHER MAKES			
		"A"	"B"	"C"	"D"
30x3	\$ 9.45	\$10.55	\$10.95	\$16.35	\$18.10
30x3½	12.20	13.35	14.20	21.70	23.60
32x3½	14.00	15.40	16.30	22.85	25.30
34x4	20.35	22.30	23.80	31.15	33.55
36x4½	28.70	32.15	33.60	41.85	41.40
37x5	33.90	39.80	41.80	49.85	52.05



This is the Famous Goodrich Safety Tread standard by which all other non-skids are judged

Goodrich "Fair-Listed" Prices constitute the standard by which the prices of other tires must be judged.

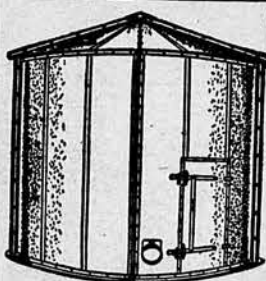
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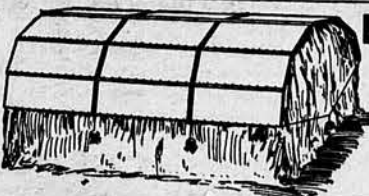
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BUFF ROCKS—WILLIAM A. HESS, Humboldt, Kan.

BIG TYPE BARRED ROCK EGGS. HALF price this season. A. H. Duff, Larned, Kan.

PURE BRED BUFF ROCK EGGS 75C SETTING. \$4.00 hundred. Henry Marten, Wamego Kan.

BIG BARRED ROCK EGGS. GOOD LAYERS. Four dollars hundred. Chas. Cornelius, Blackwell, Okla.

100 BUFF ROCK EGGS. \$3.50. 50 \$2.00. Also baby chicks. Mrs. M. E. Stevens, Humboldt, Kan.

BARRED ROCK EGGS. TEN YEARS breeding. 3 cents each. W. Speelman, Marysville, Kan.

BARRED ROCKS. HENS \$1.00 EACH. Eggs 5c. Baby chicks 20c. Mrs. J. B. Jones, Abilene, Kan.

WHITE ROCK EGGS. FISHEL STRAIN. 15 \$1.00. 50 \$2.75. 100 \$5.00. Mrs. Frank Powell, Buffalo, Kan.

UTILITY BARRED ROCK EGGS. "Bermuda Ranch" quality. 15 \$1.00. 100 \$4.00. Frank Hall, Toronto, Kan.

WHITE ROCKS. PURE BRED EGGS. 15 75c. 100 \$3.50. Delivered in Kansas. G. Schmidt, Newton, Kan., R. 2.

BARRED ROCKS—VERY BEST RINGLET strain. Eggs \$1.00 15. \$4.00 100. Mrs. John Tatge, White City, Kan.

FINE BARRED ROCK EGGS FOR HATCHING. \$1.00 per 15. \$4.00 per 100. Wm. C. Mueller, Hanover, Kan., R. 4.

EGGS FROM MY LARGE WHITE P. Rocks. \$3.00 per 100 after May 1st. Mrs. C. E. Peterson, Windom, Kan.

20 WHITE ROCK COCKERELS. \$3.00 and up; scored by Atherton. Eggs for sale. W. W. Pressly, Meade, Kansas.

WHITE ROCKS. PURE BRED. FARM range. Eggs 15 75 cents; 100 \$3.00. H. F. Richter, Hillsboro, Kan., R. 2.

SNOW WHITE ROCKS. SIZE AND QUALITY. good egg strain. Eggs 15 \$1.00; 100 \$5.00. G. M. Kretz, Clifton, Kan.

WHITE PLYMOUTH ROCKS ONLY FOR 18 years. \$1.00 for 15. \$4.00 for 100 eggs. Josias Lambert, Smith Center, Kan.

WEIGHER-LAYER BARRED ROCKS. 225 laying average; 100 premiums. Fancy matings. 15 \$2.00 to \$7.50. Flock. 15 \$1.25. 100 \$6.00. W. Opfer, Clay Center, Kansas.

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ROSE COMB REDS. SILVER LACE WYANDOTTES. Eggs 17 \$1. Mrs. Ola Elliott, Delphos, Kan.

SILVER WYANDOTTES—PURE BRED eggs, setting 75c. 100 \$4. Anna Vorderstrasse, Gilead, Neb.

WHITE WYANDOTTE EGGS. FISHEL strain. 50c per 15. \$2.00 per 100. Alice Sellers, Mahaska, Kan.

WHITE WYANDOTTE EGGS FOR SALE. Per 15 75 cents. \$4.00 per 100. Emma S. Arnold, Manhattan, Kan.

ROSE COMB WHITE WYANDOTTE EGGS from show quality and egg strain. Fifteen \$1.00. 30 \$1.80. 50 \$2.50. 100 \$4.50. Garland Johnson, Mound City, Kan.

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WHITE WYANDOTTE EGGS AND COCKERELS from prize winning stock. Eggs, 15 for \$1.00. 50 for \$3.00. 100 for \$5.50. We guarantee nine chicks per setting or duplicate at half price. Cockerels \$2.00. 3 for \$5.00. G. A. Wiebe, Beatrice, Nebraska.

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BOURBON RED TURKEY EGGS 25 CTS. each. Mrs. Geo. W. King, Solomon, Kan.

BOURBON RED TURKEYS. ELEVEN years a breeder. Choicest quality. Big winners at big shows. Eggs \$3.00 per 11. Free catalog. Mrs. Clyde Meyers, Fredonia, Kan.

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S. C. W. LEGHORN EGGS. 24 \$1.50. SPLENDID layers. Mrs. Emmett Irvine, Simpson, Kan.

S. C. WHITE LEGHORN EGGS. D. W. Young and Frantz strains. G. D. Williams, Inman, Kan.

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PREPAID SINGLE COMB BROWN LEGHORNS. Pen. \$1.00 15. \$4.50 100. Range. \$3.50. Ed Hobbie, Tipton, Kan.

EGGS FROM SINGLE COMB WHITE LEGHORNS; good layers; 100 for \$3.00. Mrs. Eva Frederick, Asherville, Kan.

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EGGS. S. C. BROWN LEGHORN. WON first on cockerel, pullet and pen. \$2.00 per 15. \$5.00 per 100. H. N. Holdeman, Meade, Kan.

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DORR'S PRIZE ROSE COMB WHITE LEGHORNS. Eggs \$1.00 for 15; \$4.00 for 100. Well packed. Satisfaction guaranteed. A. G. Dorr, Osage City, Kansas.

SINGLE COMB WHITE LEGHORNS SCORING to 96 1/2. \$5.00 per 100 without correspondence gets best eggs promptly. Satisfaction. Mrs. Albert Ray, Delavan, Kan.

ROSE COMB BUFF LEGHORNS LAY EGGS in winter when eggs mean money. "Frost proof combs." The largest, handsomest Leghorn. Select egg. 100 \$6.00. 50 \$3.50. 30 \$2.75. 15 \$1.50. Satisfaction guaranteed. Goldenrod Poultry Farm, Mesa, Colo.

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DARK R. C. REDS. \$1.00 15. \$4.50 100 prepaid. Ed Hobbie, Tipton Kan.

S. C. RED EGGS \$3.00 PER 100. \$1.25 PER 30. Mrs. Rosa Janzen, Geneseo, Kansas, Box 242.

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THIRTY DARK CORNISH HENS DOLLAR each. Richard Jordan, Hastings, Neb.

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BUFF ORPINGTON EGGS FOR HATCHING. Cook's strain, good layers. \$1.25, \$1.75 per 15. Postpaid. Amelia Wales, Downs, Kan.

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PAWN AND WHITE RUNNER EGGS. Dollar per fifteen. Elsie Hummer, Earleton, Kansas.

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SET DUCK EGGS NOW: THE BUFF ORPINGTON kind. \$1.50 per 13 eggs. Mrs. H. E. Bacheider, Fredonia, Kan.

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PURE BUTTERCUPS. SPLENDID LAYERS. 16 eggs \$1.50. Etta Bidleman, Kinsey, Kan.

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STANDARD BRED STALLIONS FOR SALE right. D. H. Bibens, Larned, Kan.

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REGISTERED HAMPSHIRE PIGS FOR sale. Write or call for prices. B. F. Fleischer, Hoyt, Kan.

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SPANISH PEANUTS, \$1.00 FOR 30 LBS. John W. Burkes, Alfine, Okla.

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FOR SALE—TWO SPOTTED SHETLAND ponies, one and two year old, good ones. Bill Bailey, Humboldt, Kan.

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SWEET POTATO PLANTS—RED BER-MUDA, Yellow Jersey, \$1.25 a thousand and by express. 25c a hundred post paid. T. F. Pine, Lawrence, Kansas.

SOY BEANS, DROUTH RESISTING PLANT. legume, grow erect, yield 10-30 bu. per acre; good stock food; 23% protein. H. E. Bacheider, Fredonia, Kan.

CHOICE WHIPPOORWILL COWPEAS. fine germination, \$2.40 per bu. Fine quality tested cane seed 70c bu. Sacks free. Brooks Wholesale Co., Ft. Scott, Kan.

SELECTED SEEDS. CANE, GERMAN millet, kaffir, maize, feterita, corn. All raised in Greenwood county. All orders filled promptly. Ask for samples and prices. A. M. Brandt & Sons, Severy, Kansas.

FOR SALE—SWEET POTATO PLANTS. Yellow Jersey \$1.00 per 1,000; Red Bermuda, Southern Queen, Black Spanish and Red Jersey \$1.25 per 1,000. Ready May 1st. Jno. R. Blevins, R. 6, Box 16, Lawrence, Kan.

ALFALFA SEED—GOOD HOME GROWN. non-irrigated alfalfa seed for sale as follows: \$4.00, \$5.00, \$4.00 bu. All Winona. Sacks 25c ex. All orders filled promptly. Sample sent on request. L. A. Jordan Seed Co., Winona, Kan.

CABBAGE AND TOMATO PLANTS 25C hundred. \$2.00 per thousand. Sweet potato plants—Southern Queen and Bermuda. \$1.25 thousand. Yellow Jersey and other varieties. \$1.00 thousand. Plants ready after April 20. D. Chiles, Oakland, Kan.

PLANTS ALL VARIETIES CABBAGE 20 per 100. \$1.50 per 1,000. Tomato, early and late, 25 per 100. \$2.00 per 1,000. Sweet potato, Yellow Jersey and Nansmond. 15 per 100. \$1.25 per 1,000; not prepaid. F. P. Rude & Son, Growers, North Topeka, Kan.

HOME GROWN ALFALFA. SWEET clover, millet, and cane seed at lowest price commensurate with splendid quality. Write for samples and prices. I can also meet seed house prices on best clover, timothy, cow peas. Asher Adams, Osage City, Kansas.

SUDAN GRASS. OFFICIALLY INSPECTED and approved in field by member of the Kansas Experiment station. Guaranteed free from Johnson grass. Germination above 90%. Prepaid, five pounds \$2; ten pounds \$3; fifty pounds \$10; one hundred pounds \$15. M. L. Douglas, Manhattan, Kansas.

PLANTS—TOMATOES, KANSAS STANDARD, Dwarf Champion, Dwarf Stone, Beauty, Stone, Matchless, Earliana, \$1.75 thousand. All cabbage \$1.50 thousand. Peppers, 40 cents hundred. Sweet potatoes, Southern Queen, Bermuda, Early Triumph \$1.50 thousand; Yellow Jersey and Yellow Nansum, \$1.25 thousand. All plants 25c hundred. John Patzel, Route 3, Topeka, Kan.



**ALFALFA SEED FROM LOCALITY WHERE** it grows best and most abundantly. Our seed won the gold medal at the St. Louis World's Fair, in competition with the world. All our seed is native grown, plump and vigorous. Write today for prices and free samples. McBeth & Dallas, Garden City, Kan.

**PURE SUDAN GRASS.** 25c A LB. PREPAID to your station. Advantages of our seed: 1. Kansas grown. 2. No Johnson grass or other pests. 3. Inspected and approved by the Kansas Experiment station. 4. Not grown near other sorghums. 5. Good germination test guaranteed. W. H. Gould & Sons, Dodge City, Kan.

**AFRICAN KAFIR SEED—I HAVE SOME** excellent seed grown from that which I imported last year direct from South Africa, the sure-crop early maturing kind. This was of medium height. I can guarantee that there was none of the tall nor short varieties grown in this. Discard your mixed, late-maturing seed and secure this pure strain which produces most seed and best fodder. There is not much that is not mixed, so write early for sample. \$1.75 per bushel, C. O. Osage, quantity discount. Asher Adams, Osage City, Kansas.

## FOR SALE

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**SCOTCH COLLIES. WESTERN HOME** Kennels, St. John, Kan.

**COLLIE PUPPIES, FINEST EVER, CHOICE** \$5.00. Frank Barrington, Sedan, Kan.

**SABLE AND WHITE SCOTCH COLLIES** from registered breeders. Seth Sylvester, Burlington, Kan.

**FULL BLOOD SCOTCH COLLIE PUPPIES** for sale; satisfaction guaranteed. W. H. Smee, Zurich, Kan., R. R. No. 1.

**9 ROOM MODERN RESIDENCE, 7 BLOCKS** Agricultural college, Manhattan, \$3,800, terms. Frank Miller, Langdon, Kan.

**FOR SALE CHEAP—J. I. C. ENGINE, 15** horse power, in first class shape. J. I. C. separator, 28 by 48, in fine shape, good belts, ready to run. Cost \$2,500.00 new; will take \$650.00 if sold in ten days. Don't stop to write; come and you will buy. J. H. Lee, Harveyville, Kan.

## FOR SALE OR TRADE

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**WANT CLEAR WESTERN KANSAS LAND** for desirable 9-room modern (except heat) residence in Lawrence, Kan. George Cloon, LeLoup, Kan.

**FOR EXCHANGE FOR MDSE., 160 TO 640** acres Kearny county, Kansas. Land level, smooth. 160 for good car. Address L. B. #48, Sterling, Kan.

**WANTED—FEW GOOD JERSEY OR HOL-** stein heifer calves. Will exchange yearling S. C. White Leghorn hens for same. Sunny Slope Poultry Ranch, Elk Falls, Kan.

**DID YOU KNOW THAT UNTIL FIVE** years ago the recent president of the Kansas State Editorial Association was a farmer? On account of health considerations, the owner of old established county seat newspaper in Arkansas valley town, western Kansas, official county and city paper doing \$6,000 business a year, big equipment, wishes to sell or would trade for land. T. P., care Mail and Breeze.

## BUSINESS CHANCES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**GOOD GENERAL MERCHANDISE STOCK** for sale. \$12,000 cash. Write Mdse., care Farmers Mail and Breeze, Topeka.

**TO TRADE—ONE OF THE BEST HAR-** ness stores in western Kansas, and a fine residence, for land or stock. A. Lundy & Son, Natoma, Kan.

## PATENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**PATENTS THAT PAY. \$600,000 CLIENTS** made. Searches, advice and 2 books free. E. B. Vrooman & Co., 885F, Washington, D. C.

**SEND FOR FREE BOOKLET, ALL ABOUT** Patents and Their Cost. Shepherd & Campbell, Patent Attorneys, 500 C Victor Bldg., Washington, D. C.

**PATENT WHAT YOU INVENT. IT MAY** be valuable. Write me. No attorney's fee until patent is allowed. Estab. 1832. "Inventor's Guide" free. Franklin H. Hough, 132 Loan & Trust Bldg., Washington, D. C.

**IDEAS WANTED—MANUFACTURERS ARE** writing for patents procured through me. Three books with list 200 inventions wanted sent free. Advice free. I get patent or no fee. R. B. Owen, 34 Owen Bldg., Washington, D. C.

**MEN OF IDEAS AND INVENTIVE ABIL-** ity should write for new "List of Needed Inventions." Patent Buyers, and "How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 25, Washington, D. C.

## BEEES AND HONEY

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**BEE KING INSTRUCTION BOOK FREE,** for time to pay printing, etc., which we refund with your first order. Explains care bees, profits, size packages we ship with prices supplies, bees, etc. Spencer Apiaries, Dept. D, St. Louis, Mo.

## LANDS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**GRAY CO. LAND FOR SALE. \$12.50 TO** \$30.00. J. H. Kimes, Montezuma, Kan.

**FOR EXCHANGE—560 ACRES CLEAR** unimproved at \$15 per acre. 320 at \$20.00. Long, Williamsville, Mo.

**FOR SALE. 80 A. 3 MILES FROM SA-** lina; 1/2 of crop, if sold soon. Terms. F. Chapman, Hoyt, Kansas.

**240 A. IMPROVED WHEAT LAND. 150 A.** good wheat goes if taken at once at \$25 per a. H. E. Morton, Oberlin, Kan.

**SELL YOUR PROPERTY QUICKLY FOR** cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

**EXCEPTIONAL BARGAINS IN COLORADO** land; irrigated and unirrigated. Write us. Bank references. Levan & Co., 421 Col. Bldg., Denver, Colo.

**FOR SALE OR TRADE—80 ACRES. WELL** improved farm, all fenced hog tight, good fruit and water, 4 miles from Co. seat. \$15.00 per acre, terms to suit. A good home. W. K. Young, Yellville, Ark.

**MODERN RESIDENCE IN HUTCHINSON** for sale, \$4,000. Will trade for land near town. Will buy land if well located and priced reasonable. Percy Lill, Mt. Hope, Kan.

**560 ACRE GRAIN AND STOCK FARM IN** Osborne, Kan. Well improved, fine location. Price \$25,000. Terms on \$10,000; or will exchange for smaller farm. Must be good. Address H. W. Higgins, Selma, Calif.

**FINE QUARTER FOR TRADE; 3 1/4** miles Cherryvale, best black land; dandy improvements. Price \$12,000, want good 80. Will carry difference back on quarter; would take merchandise for part. Bowman Realty Company, Coffeyville, Kan.

**160 ACRES 1 1/2 MILES FROM HEWINS,** a R. R. town. 70 acres in cultivation, 20 acres in alfalfa, balance in meadow and pasture. Good improvements. This is a good farm. Crops go if sold by June 15. \$40 per acre. Write John Zimpher, Hewins, Kan.

**PRODUCTIVE LANDS; CROP PAYMENT** or easy terms along the Northern Pac. Ry. in Minn., N. D., Mont., Idaho, Wash. and Ore. Free literature. Say what state interests you. L. J. Bricker, 46 Northern Pac. Ry., St. Paul, Minn.

**FOR SALE—438 ACRES, TWO MILES** from Grenola, Kan. Limestone land, 150 cultivated, 60 in alfalfa, balance mowland and pasture. Well watered. Good 7 room house, 2 barns and silo. Price \$32.50 per a. Terms. A. E. Wilber.

**ADMINISTRATOR'S SALE—TO SETTLE** estate, will receive sealed bids at First National Bank, Luray, Kan. for sale of 1/2 sec. stock and grain farm, Russell Co., 110 cultivated, bal. pasture, some alfalfa, good water, 5 miles Luray, fair improvements. Bids opened June 8, 1915. Right reserved to reject any or all bids. For information add. above bank. Nathan Everson, Administrator.

**FINE TOPEKA HOME FOR SALE—I WILL** sell my place in Topeka, located on the most beautiful street in the city, near limits of city. Two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 61 1/2 by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry house, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

## FARMS WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**IF YOU WILL TRADE YOUR WEST KANS.** East Colo. land clear send full description to Progressive Realty Co., Winfield, Kansas.

**SELL YOUR FARM OR BUSINESS QUICK-** ly for cash, no matter where located; information free. Black's Business Agency, Chippewa Falls, Wisc., Desk 9.

**I HAVE SOME CASH BUYERS FOR SALE-** able farms. Will deal with owners only. Give full description, location, and cash price. James P. White, New Franklin, Mo.

**FARMS WANTED. WE HAVE DIRECT** buyers. Don't pay commissions. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

## MALE HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**GOVERNMENT FARMERS WANTED. \$60** to \$125 monthly. Age 21 to 50. Ozment, 38F, St. Louis.

**FIREMEN AND BRAKEMEN: \$100 MONTH-** ly; experience unnecessary; hundreds needed by the best railroads everywhere. Particulars free. 796 National Railway Bureau, E. St. Louis, Ill.

## HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**OVER 15,000 MEN AND WOMEN WANTED** this year for government jobs. \$65.00 to \$150 month. Vacations with pay. No lay-offs. Short hours. Common education sufficient. "Pull" unnecessary. Write immediately for free list positions now obtainable. Franklin Institute, Dept W 51, Rochester, N. Y.

**BE A DETECTIVE. EARN \$150 TO \$300** per month; travel over the world. Write Supt. Ludwig, 401 Westover Bldg., Kansas City, Mo.

**I CONDUCTED GOVERNMENT EXAMINA-** tions—can help you secure railway mail or other government positions. Trial examination free. Ozment, 38F, St. Louis.

**MEN—WOMEN WANTED. \$75 MONTH.** Government jobs. Vacancies constantly. Write for list positions now obtainable. Franklin Institute, Dept W 51, Rochester, N. Y.

**WANTED. MEN AND WOMEN TO QUAL-** ify for government positions. Several thousand appointments to be made next few months. Full information about openings, how to prepare, etc., free. Write immediately for booklet G-68. Earl Hopkins, Washington, D. C.

## AGENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**AGENTS WANTED—MEN WHO ARE AC-** quainted with dealers and farmers, to sell our steel farm specialties—grain bins—garages—portable buildings—hog houses—chicken coops—barn ventilators—silo roofs, etc. Attractive proposition. Write today. The Pierce Company, Waldheim Bldg., Kansas City, Mo.

## SILO AGENTS WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**OPEN TERRITORY FOR TABER LINED** Silo, the only non-shrinkable wood silo manufactured. Address Taber Lumber Co., Dept. I, Keokuk, Ia.

## LUMBER

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**LUMBER—HOUSE AND BARN BILLS DI-** rect from mill to consumer. Wholesale price. Shipped anywhere. McKee Lumber Co., Shawnee, Okla.

## VEHICLES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**BUY A PONY RIG FOR THE CHILDREN:** carts \$22 and up; 4-wheelers, \$35.70 and up; send for our catalogue of 68 styles pony vehicles. Beardsley Carriage Co., 220 S. 4th St., St. Joseph, Mo.

## RUGS FROM CARPETS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**BEAUTIFUL RUGS MADE FROM OLD IN-** grain and Brussels carpets. Eureka Rug Co., Olathe, Kansas.

## MUSIC

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**GET THE LATEST SONGS SIX MONTHS** before they reach your city. Send twenty-five cents for three new songs and catalogue. We furnish any music published. Etna Sales Co., 1431 Broadway, New York City.

## MISCELLANEOUS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**TWO COMPETENT ENGINEERS WANT** position. Write Joe Peasley, Soldier, Kan.

**BUY HAY FROM PRODUCER. SAVE** money. Keep middle man's profit. F. H. Childs, Geneva, Kan.

**PARTIES WANTING MARRIED COUPLE** through harvest write proposition to C., care Mail and Breeze.

**VETERINARY WITH ABILITY WILL** find good opening in eastern Kansas. Address Veterinary, care Mail and Breeze.

**WANTED—HEDGE POSTS—7 FT. LONG—** 3 1/2 inches or more across top. State price. Address Charles Burlingham, Central City, Ia.

**USE PAULI BROS.' FAMOUS ANTISEPTIC** Mole Eradicator and Freckle Pomade 25 cents each. 1329 Field Ave., D. 3, Detroit, Mich.

**SAVE YOUR ALFALFA. USE OUR CAN-** vas stack covers, cheap, durable and quickly adjusted. J. B. Lynn & Son, Winfield, Kan.

**BIG BARGAIN FOR SHORT TIME ONLY.** Send only 10 cents and receive the greatest farm and home magazine in the Middle West for six months. Special departments for dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, Kansas.

**\$50.00 PAID FOR DOLLAR 1873 S. MINT;** \$2.00 for 1904 Proof Dollars; \$7.00 for 1853 Quarters no arrows, etc. Watch your change. Many valuable coins circulating. Get posted. It may mean large profits to you. Send only 4c for Large Illus. Coin Circular. You have nothing to lose. Send to Numismatic Bank, Dept. 35, Fort Worth, Texas.

Intelligence in buying feeds for the dairy cow is one way of increasing profits on the farm.

## Herefords Make Good Record

More than 1/2 million animals have been recorded by the American Hereford Record association since its establishment in 1880. R. J. Kinzer, secretary of the association has announced that No. 500,000 was assigned to Colonel E. H. Taylor, Jr., of Frankfort, Ky., for the bull he purchased from W. H. Curtee for \$12,400. This bull was originally called Beau Perfection 24th and recorded as No. 394,173. Colonel Taylor has renamed him Woodford in honor of his home county which has done so much to advertise Kentucky as the home of the thoroughbred.

It required almost 30 years for the Hereford record to reach the 100,000 mark, notwithstanding many imported animals were recorded during the years large importations were being made. The last 100,000 animals were recorded between September 15, 1912, and May 15, 1913. This was an average of 3,125 a month. More than 22,000 transfers have been recorded since August 31, 1914. This is approximately the same number as was transferred during the corresponding period in 1913 and 1914, notwithstanding foot and mouth quarantines have seriously interfered with traffic in breeding cattle. Volume 40 of the American Hereford is ready for distribution.

## Fly Damage at Hillsboro

The Hessian fly is in about half the wheat plants in our fields. Will any of the insects go over into the healthy plants? Hillsboro, Kan. R. E. S.

The only time the Hessian fly spreads from plant to plant or from field to field is during the adult stage. At this time

Beer "promotes efficiency," says the billboard advertisement of a brewery. If you were about to have a dangerous surgical operation performed, would you prefer to have the surgeon take a few glasses of beer just before the operation, to "Promote Efficiency?" Or if you were taking a trip by railway, would you feel safer if the engineer, the train dispatcher, the conductor and the switchmen drank a few beers to "promote efficiency?"

the adults fly from plant to plant or even to adjoining fields and lay their eggs in the grooves on the upper surfaces of the leaves. The fly in the stage which many of the farmers are now noticing it, which may be either the maggot or the flaxseed stage, cannot spread from plant to plant. Thus stalks that are free from infestation standing by those that are infested will make wheat, providing the adult fly does not emerge from the flaxseed and lay eggs upon the uninfested plant. The supplementary spring brood of flies has already emerged, or at least many of them have, and their eggs have been laid upon the leaves of the plants. One cannot say at this time just how much injury this second or supplementary spring brood will do. George A. Dean, Kansas Experiment Station.

## Will Feed Cane Seed To Hogs

What is the feeding value of cane seed as compared with corn for horses and hogs? I have more than 600 bushels and there does not seem to be much demand for it. Sheridan County, Kansas. E. G. K.

Experiments conducted at the Kansas Experiment station show that ground cane seed when fed to hogs, has a feeding value 10 to 20 per cent lower than that of ground corn. The best results in feeding cane seed to hogs will be obtained when it is ground and mixed with shorts and tankage. I do not know of any experiments in which cane seed has been fed to horses in comparison with corn.

## Ayrshire Makes Record

Jean Armour 3d, a 2-year-old Ayrshire, holds the world's record in both milk and butterfat production for a heifer of that age and breed. Her year's test ended March 17 with a record of 14,991 pounds of milk and 599.31 pounds of butterfat. She was sired by Howie's Dairy King, an imported bull that, with a limited opportunity, has 19 daughters in the advanced register. Her dam is the famous Jean Armour, the first Ayrshire cow to reach 20,000 pounds in milk production.



# BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

**Special Notice** All advertising copy discontinued or changed of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper change at that time and it is impossible to make any changes in the pages after they are electrotyped.

**BEST LANDS**, best prices, best terms. Write me. W. R. White, Geneseo, Kan.

**ALFALFA** land, Sedgwick Co. Write for price list. G. R. Davis, Valley Center, Kan.

**900 A.** Hamilton Co.; all grass, plenty water. \$6 a. Walter & Patton, Syracuse, Kan.

**FINE** imp. farms \$35 up. Catholics write. New church. John Collopy, Turon, Kan.

**GOOD** imp. 90 a. 3 mi. out, \$70 per a. Easy terms. Decker & Booth, Valley Falls, Kan.

**EASTERN KANSAS** corn, alfalfa and wheat land \$40 up. A. E. Clark & Son, Pomona, Ks.

**SUMNER CO.** wheat and alfalfa farms. Write for list. F. J. Wolfe, Conway Springs, Kan.

**BARGAIN**—Choice, well improved quarter. Good terms. J. E. Sullivan, Effingham, Kan.

**IMP. FARMS**, alfalfa, corn and wheat lands \$50 up. Mott & Kohler, Herington, Kan.

**LAND** in Nemaha, Marshall, Pottawatomie Cos. \$30 and up. T. E. Mooney, Seneca, Kan.

**FARMS** and ranches, northeast Kansas, \$35 to \$125 acre. Geo. Loch, Marysville, Kan.

**IMP. FARM** Pottawatomie Co. \$35 per a. Write me. O. H. Martin, Severy, Kansas.

**FREE!** Illustrated booklet describing richest soil in Kan. Hoxey Land Co., Columbus, Ks.

**FARM** bargains in northeast Kansas. Send for list. Compton & Royer, Valley Falls, Ks.

**A BARGAIN**. 480 a. close in; good land, impr. Terms. J. F. Voran, Belpre, Kan.

**A SQUARE** section smooth wheat land 10 miles out. \$4,000. 1/2 cash, balance easy. J. A. Jackson, Syracuse, Kan.

**MUST SELL**—12 highly improved alfalfa and grain farms; will pay car fare for 30 days to see these lands. Tate, Howard, Kan.

**HAVE 10 GOOD RANCHES** 1000 to 10,000 a., well watered, Barber Co. Wheat and alfalfa farms. Terms. Kackley, Hutchinson, Kan.

**BARGAINS** in imp. alfalfa, corn and wheat farms. Right prices, easy terms. Proctor & LeGrande, South Haven, Sumner Co., Kan.

**WHEAT, OATS, CORN, ALFALFA** lands. Famous Sumner County, Kansas. 1/2 wheat with farms. H. H. Stewart, Wellington, Kan.

**BARGAIN**: Improved 200 acres, 120 cultivated; 40 bottom, running water, timber; price \$12,000. Will consider small trade. Write Studebaker, Salina, Kan.

**PRATT CO.** well imp. choice 160, 4 1/2 mi. Preston. 130 a. wheat, 1/2 goes; bal pasture. Phone, rural route, \$10,500; 10 years on \$8,000. Chas. E. Dye, Preston, Kan.

**FINE** 400 acre stock farm, 240 acres cultivation. First class alfalfa, wheat and corn land, 160 acres pasture. Fine fencing, silo, barn and other improvements. \$37.50 per acre. Couch Land Co., Anthony, Kan.

**FOR SALE**—A cattle ranch of 2800 a.; 160 a. alfalfa, 250 a. plow land, 150 a. mow land, balance pasture land; \$900 in improvements besides fencing; 14 mi. northwest of Sedan, Kansas. Must be sold soon. Address: J. A. Ferrell, Attorney for the Administrators, Sedan, Kansas.

**400 A.**, modern improvements; 110 a. alfalfa. Neal A. Pickett, Arkansas City, Kan.

**FOR BARGAINS** in improved farms in Catholic settlements. Exchanges made. Write Frank Kratzberg, Jr., Greeley, Kansas.

**160 ACRES** in north Morton County. Black loam soil. All in grass. Every foot tillable. \$16.00 per acre. L. J. Pettigrew, Dodge City, Kan.

**640 A.**, 250 cultivated. Bal. blue stem grass. Plenty water. 160 a. well imp. 1 mile town. \$15,000. Terms. J. Jensen, Hiawatha, Kansas.

**WESTERN** lands in Kansas, Oklahoma and Colorado. Wheat and maize lands in any quantities. Cash or terms. W. F. Craddock, Richfield, Kansas.

**BLUE RIBBON** on alfalfa was won by Lyon County at Wichita; land at from \$50 to \$100 per acre. Write for list. T. B. Godsey, Emporia, Kan.

**FOR QUICK SALE**. 160 acres of land northwest of Copeland in Haskell County, all level, Buffalo, black soil. Price \$1250.00. Chas. W. Ellsesser, Liberal, Kan.

**320 ACRES**, 3 1/2 miles from Vine, Kan., on Cole Creek; well improved. 140 a. broken; bal. pasture. Price \$50 per a. Might accept 160 a. part payment. Bal. cash. See Oliver Marty, Longford, Kan.

**HONEST** bargains in Pratt Co. lands. 320 a. imp. stock farm, running water, 36 a. alfalfa, \$17,000. 160 a. 1st class imp. farm. \$10,000. 480 a. imp., on river, market close. Have good bargains in western lands. Clark & Keller, Pratt, Kan.

**ALFALFA FARM**, 80 acres, 6 miles from Eastern Kansas Co. seat town, 70 acres in cultivation, including 30 acres of alfalfa, 10 acres pasture, fruit, water, R. F. D. Close to school, 6 room house, barn. Price for 30 days \$4,000, terms. The Eastern Kansas Land Co., Quenemo, Ks.

**225 ACRES**, five miles of Syracuse, Kan. 4 room house, 2 buildings, 14x16; barn, well, windmill, corral. All fenced and cross fenced; 35 acres cultivated. Water at 10 feet. Price \$12,500 per a. Terms. Vic L. Harris, Syracuse, Kan.

**160 A. FINEST FARM** land. Well improved. 105 a. broke; 30 hog tight, 15 alfalfa and 15 meadow. Running water and natural timber. Great for hogs or wheat. 7 1/2 mi. from city of 1400, 1 mi. from school, liberal terms. For information call or write L. P. Richter, Hillsboro, Kan.

**3120 A. IDEAL RANCH**—Adjacent to Ness Co., Kan. In compact body; 90% tillable; 1,000 a. bottom alfalfa land; rich soil; 600 a. in cultivation. Two sets imp. Can lease 3,000 a. joining. Abundance water. Price \$30,000, terms. For particulars address C. F. Edwards, Ness City, Kansas.

**FINE HOME**. 640 acres, smooth as floor, 3 room house, large red barn, never failing water. Will send photo if desired, 100 acres wheat, 200 spring crop, 1/4 of all with sale. Wheat made 30 bu. last year, looks better now. Write me for price and terms, and list of other bargains. E. C. Buxton, Utica, Ness Co., Kan.

**150 A.** 3 1/2 mi. Ottawa, 5 r. house, large barn, other outbuildings, orchard, shade, well watered, close to school, special price. Owner needs the money.

**80 a. very fine**, 3 1/2 mi. Ottawa, 7 r. house, barn, other improvements, orchard, shade, well watered, close to school, best 80 near Ottawa, special price.

**80 a.**, 4 1/2 mi. Ottawa, 7 r. house, barn, other improvements. A dandy. Owner wants money. Will consider small city property. Write for full description of the above. Any of them will look good to you; they are choice Franklin County bargains. Come at once, fine list to select from. We also make exchanges. Mausfield Land Co., Ottawa, Kan.

**WHEAT AND ALFALFA LANDS**. Santa Fe Railroad land. Easy payments. Ellis Thornhill, Halstead, Kansas.

**COFFEY COUNTY, EASTERN KANSAS**. Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Ks.

**MORTON COUNTY, KAN., LANDS**. 320 acres, level, black loam soil, shallow to water. Price \$1400 cash. Investigate. Cecil B. Long, Richfield, Morton Co., Kan.

**FOR RENT**. 80 acre irrigated alfalfa and grain farm in good state of cultivation; good six room house. J. A. Jackson, Syracuse, Kan.

**BUTLER COUNTY, KANSAS**. Finest pasture tract, 3,650 acres at \$17. Beautiful improved farm 520 a. at \$32.50. V. A. Osburn, Eldorado, Kan.

**15 YEARS TO PAY FOR STOCK FARM IN CHASE COUNTY, KANSAS**. 320 acres 6 1/2 miles town, 70 acres cultivated, 10 acres alfalfa, timber, 250 acres best grazing. Everlasting water. Five room house, extra good barn, orchard, telephone, 1 1/2 miles school. Price \$12,500.00, \$1,500.00 cash, balance 15 years at 5 per cent. J. E. Becook & Son, Cottonwood Falls, Kan.

**Catholics Attention**. Ford County, Kansas, has four big Catholic churches, building a \$50,000.00 church in Dodge City, now, and a big Catholic College under construction one mile north of Dodge City. We have choice level lands dark loam fertile soil from \$18 to \$25 per acre. Write for our big land list. L. L. Taylor & Co., Dodge City, Kan.

**BUY OR TRADE** with us. Exchange book free. Bersie Agency, El Dorado, Kan.

**200 ACRES**, nicely imp., 40 a. alfalfa, to trade. Youngs Realty Co., Howard, Kan.

**IF YOU WANT AN EXCHANGE**, write Sondergard Realty Co., Ramona, Kansas.

**BIGHAM & OCHILTREE** sell and trade best corn, alfalfa, wheat land in U. S. Write for list. 116 N. 8th, St. Joseph, Mo.

**HEADQUARTERS** for best wheat and alfalfa lands in Kansas; will exchange and assume. Jones Land Co., Sylvia, Kansas.

**FARM** and grazing lands. Custer, Blaine, Thomas and Hooker Cos., for sale and trade. B. C. Empfield, Broken Bow, Neb.

**FOR SALE OR TRADE**—Arkansas farm lands, close to railroad, \$10 to \$25 per acre. Shaeffer Land Company, 641 Reserve Bank Bldg., K. C. Mo.

**160 ACRES**; small payments, good imp. 30 a. alfalfa, spring water. 1/4 mi. school. Might take 80 a. part pay. Price \$50 an acre. A. A. Murray, Westmoreland, Kan.

**1200 ACRES** improved, Thomas County, 500 acres in cult. Price \$18,000 for eastern Kansas farm. \$18,000 city property for farm. Bader & Webster, Junction City, Kan.

**GOOD** imp. 180 a. N. W. Missouri farm, 70 mi. Kansas City, 50 mi. St. Joe, to exchange for N. Kansas or Nebraska land. Box 25, Care Farmers Mail and Breeze, Topeka.

**I OWN THREE** Colorado irrigated, three Kansas and two Arkansas farms; all well improved. Will sell any or all at bargain prices, easy terms. Will consider other property in part pay. For particulars, address Box 164, Independence, Iowa.

**WE OWN 13,600 ACRES IN FERTILE** Pawnee valley, smooth as a floor; best alfalfa and wheat land on earth; five sets of improvements; shallow water; will sell \$0 acres or more. Frizell & Ely, Larned, Kansas.

**SPECIAL**: 160 and 240; Central Kansas, good improved farms; \$3000 and \$6000 cash, balance 6%. Must sell. Box 33, Whitewater, Kansas.

**Land For Sale By Owner** 3 quarters all in a body, imp. in Hodgeman Co. 3 1/2 mi. from Hanston. Price \$7,500. Will give terms on part. Address J. W. Boese, Pawnee Rock, Kan.

**\$5 ALFALFA LAND \$5** 640 acres WALLACE COUNTY, Kansas; over 500 acres tillable; 240 shallow water; six miles town; unimproved; BEST BUY IN KANSAS. Write for list. D. W. Willis, 1303 Commerce Building, Kansas City, Mo.

**Stock and Grain Farm** 1120 a. in Coffey Co. adjoining station on Santa Fe R. R. Good house, 2 barns, silo. 20 a. alfalfa. 720 a. fine blue stem and blue grass. Price \$55 per a. W. H. Lathrom, Waverly, Kan.

**KIOWA COUNTY** Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. C. W. Phillips, Greensburg, Kan.

**NOTICE!** A square section, well improved. 40 a. fine alfalfa, half in crop. Third goes if sold by June 10. \$40 per acre. \$5,600 cash, bal. \$2,000 a year until paid, at only 5% interest. Possession after harvest. This land is 8 miles from Spearville. E. W. Moore, Spearville, Kansas.

**WRITE US TODAY** for free lithographed maps of Ness County, Kansas, and list of land bargains. Miner Bros., Ness City, Kan. Established 1885.

**In The Big Dodge City Country** Have been established here fourteen years. Thousands of acres of choice land to select from. Prospects excellent for big crop. This county produced SIX MILLION bushels of wheat in 1914. Write for our big list. Choice lands, \$10 to \$35. L. L. Taylor & Co., Dodge City, Kan.

**80 Acres Only \$1000** Only 7 mi. Wichita. Good, smooth black loam soil. Plenty bldgs. Possession at once. Only \$5,000. \$1,000 cash, time on bal. B. M. Mills, Schweitzer Bldg., Wichita, Kan.

**1-2 Section Wheat Land** 12 1/2 miles west of Liberal; all good smooth land. Mixed soil. A fine farm proposition, will stand inspection. Price \$12.50 per acre. Carry some on land if desired. Write or wire the owner. E. J. Thayer, Liberal, Kans.

**FOR SALE OR EXCHANGE** LAND, sale or exch. Mo. to Pacific, Dakota to Gulf. Fultz, 311 1/2 N. Main, Hutchinson, Ks.

**SIX APARTMENT** flat, south near Armour Blvd. Rents \$2880; price \$30,000. 12 apartment \$50,000; good \$25,000, \$20,000 and \$14,000 general mdse. All want farms. G. W. Goldman, N. Y. Life Bldg., K. C., Mo.

**Wheat and Alfalfa Farm** 160 acres smooth valley land in Oklahoma near county seat, want merchandise, encumbered, will clear. Box 245, Independence, Kansas.

**FOR GENERAL MERCHANDISE** A well located farm or small ranch about fifty miles from Wichita, lays nice and is good soil. This stock is wanted to run as a permanent business and not as a trading proposition. Must be good. The land I am offering is good and will stand inspection. L. H. Whiteman, 413 Bittling Bldg., Wichita, Kansas.

**A Business Opportunity** For sale or exchange: The best livery, buss and baggage transfer and funeral equipment in the state of Kansas. 30 horses, 15 coaches, 5 hearses, 15 buggies and surreys, harness of every description. The best equipped business of its kind in the state. The only funeral equipment in the city of Emporia and the surrounding country for a radius of 15 miles. Doing \$75.00 a day business. Will exchange for a farm or income property. Geo. K. Horton, Emporia, Kansas.

## FOR SALE

A fine alfalfa farm on the Pawnee Valley in Pawnee County, Kansas. Address Box 7, care Farmers Mail and Breeze, Topeka, Kan.

## MISSOURI

**WRITE** Bedell & Co., Springfield, Mo., for prices on grain, stock and dairy farms.

**STOP! LISTEN** 20 acre farm \$350. Terms. Other farms. McGrath, Mountain View, Mo.

**KERAN & WEGNER**, real estate, Lockwood, Mo. Write for information, English or German.

**160 A.** well imp. Well and spring. 60 a. cult. bal. timber. R. F. D. and phone. \$17,500 a. Terms. J. A. Hunt, Marshfield, Mo.

**80 A. WELL IMP.** 2 good springs. Cistern; 60 a. grass; orchard, bal. timber. Lists. A. Cawthra, Fordland, Mo.

**83 A.** close town; spring, house, barn; 20 a. cult. \$650. Other bargains. McQuary, Seligman, Mo.

**POOR MAN'S CHANCE**—\$5 down, \$5 monthly, buys 40 acres, good land, some timber, near town, healthy location. Price \$200. Box 425-G, Carthage, Missouri.

**150 ACRES**. One of the best farms in Douglas County, Mo. 100 acres cultivated, bal. timber. Must sell. \$5,000.00; 1/2 cash, balance 10 years at 4%. J. H. Mahn, Marshfield, Missouri.

**80 A. WELL IMPROVED**. 75 a. high state of cultivation, good well, fenced with woven wire. \$45 per a. R. F. D. Terms. 1/4 mile to good school. 2 mi. to county seat, town of 1600 on main line of Frisco R. R. R. S. Phillips, Marshfield, Mo.

**ATTENTION, FARMERS.** If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank M. Hammel, Marshfield, Mo.

**BIG MONEY** in grapes, strawberries, tomatoes and poultry in sunny South Missouri. 10 acres, \$120; 30 month. 20 acres, \$240; 40 month. 40 acres, \$480; 10 month. Good land. Well settled, on R. R. Maps and facts free. A. Merriam, Ellis & Benton, Kansas City, Kan.

**BARGAIN ON ROCK ROAD** Near Kansas City, a high class farm of 500 acres at much less than its real value. Here is a good chance for a large profit. THEODOR C. PELTZER INVESTMENT CO. 534 Scarritt Bldg., Kansas City, Mo.

**OKLAHOMA** F. M. TARTON & CO., will mail you list of farms in northeast Oklahoma. Write them. Vinita, Oklahoma.

**SOUTHEASTERN OKLA.** Farming, pasture, oil lands and leases. \$3 to \$15 per acre, cash. J. E. Cavanaugh, McAlester, Okla.

**SHOULD YOU WANT** prairie pasture land good as any in U. S., 1/2 tillable, \$3 to \$12 per a., write Southern Realty Co., McAlester, Okla.

**EASTERN OKLAHOMA** farms from \$3 to \$30 per acre, unimproved \$2 acre up. Write for large list. Baker Land Co., Poteau, LeFlore Co., Oklahoma.

**TWO GREAT BARGAINS** in garden spot of Kay County. 160 a. all bottom, large house and barn. Snap \$10,000 160 a. 1 1/2 mi. Co. seat; 6 room house, large barn; extra at \$11,000. Get my list of bargains. Easy terms. O. K. Realty Co., Newkirk, Okla.

**WHY STAY IN DEBT AND PAY INTEREST ON HIGH PRICED LANDS** or remain only a renter when equally good land is yet to be had at \$10, \$20 and \$30 per acre in Oklahoma? Write or come and see me. Frank Meadows, Hobart, Okla.

**Oklahoma Land For Sale** Good land in Northeastern Oklahoma; price from \$20.00 to \$35.00 per acre. Write for price list and literature. W. C. Wood, Nowata, Okla.

**FOR SALE BY THE OWNER** One of the best valley farms in northeastern Oklahoma; 25% cash; balance long time. Extra strong land, no overflow, splendid improvements, two or three sets of good buildings; 643 acres; can be divided to make two or three good farms; 3 mi. east of Vinita, Craig County, Okla. W. M. Mercer, Aurora, Ill.

**TEXAS** CHEAP LAND. McMullen Co., Texas. Only \$1 per a. cash, bal. 10 yearly payments. Fine climate, all good land. F. A. Connally, Commercial Bank Bldg., Houston, Texas.

**GOOD FARMS** near Houston, corn, poultry, strawberries, vegetables, \$1 per a. cash, balance monthly. Write for literature. L. Bryan & Co., Houston, Texas.

**YOU CAN OWN A FARM** With the rent you pay. Best land in famous corn and hog belt of Texas. Rent on rental terms. Crops the year round. T. Kingston, Harlingen, Texas.



## ARKANSAS

**WHITE DOWELL** Land Company for bargains in Arkansas lands. Walnut Ridge, Ark.

**LITTLE RIVER** valley lands rich and cheap. On railroad. Robt. Sessions, Winthrop, Ark.

**WRITE YOUR WANTS** for Arkansas lands. W. B. Lane, Hope, Ark.

**FOR SALE—120 ACRE STOCK FARM.** 5 miles out, good grass. \$15 per acre. Gentry Realty Co., Gentry, Ark.

**IF INTERESTED IN N. E. ARKANSAS** farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.

**122 A. 4 mi. of Waldron, Co. seat.** 65 a. in cult.; valley land; 2 sets improvements; good fruit; good roads. Price only \$25 per a. Frank Bates, Owner, Waldron, Ark.

**STOP PAYING RENT!** Own your own home. Cheaper than renting. Our new plan tells you how. Rich, sure crop land, no rocks or swamps. Free Map. Tom Blodgett Land Company, Desk 3, Little Rock, Ark.

**FIRST CHECK** for three hundred dollars gets a deed and abstract to eighty acres of timber and grazing land near new railroad and 15 miles to rich zinc mine. C. C. Remster, Immigration & Townsite Agt., Mtn. Home, Ark.

**80 ACRES**, bench and upland, with 60 cleared. House, barn, orchard, etc. Good neighborhood, 6 miles out. Price \$1,365.00. Other farm lands for sale. Write J. L. McKamey, Imboden, Ark.

**NEW TERRITORY** opened up in S. W. Ark. by M. D. & G. Railroad. Farm, timber, fruit and vegetable land; good and cheap homes for those who come now. Will help you to locate and give you free information. See or write **Beece Lamb**, Immi. Agt., M. D. & G., 627 Central Av., Hot Springs, Ark.

## A BARGAIN

30 acre suburban home on public road, well improved; 6 room house, barn, chicken houses and other outbuildings good well. 25 acres level land free from stone. 5 acres timber pasture, rough, fenced hog tight. 500 loaded peach trees, estimated crop at least 1500 bushels. 150 bearing apples, few plums, pears, cherries and blackberries. Price, immediate possession, \$3,500; 1/2 the crop, possession 60 days, \$3,000. Terms on part. Address **Lock Box 347, J. D. Chamberlain**, Siloam Springs, Ark.

## NEW MEXICO

## FOR SALE

45 acre alfalfa farm; seven room house. modern conveniences; all in city limits, of Carlsbad. Apply to the owner, **Box 102, Carlsbad, N. M.**

## Alfalfa, King of Forages

**For Rent on Shares.** A 500 acre irrigated alfalfa hog ranch in the Land of Sunshine where a fat hog can be produced cheaper and safer than elsewhere in the United States; because, we have running water, cheaper feed, and choice hogs have never been known. This is a chance of a lifetime for a large family of industrious men and boys to make a fortune. Only sufficient capital required to purchase the machinery, commissary supplies and live stock now on the ranch, together with some cattle. In writing state amount of cash you can raise and how soon. **Harroun Land Company, Malaga, New Mex.**

## NEBRASKA

**IRRIGATED** lands \$40 per a. and up. Grazing lands \$5 and up. Write for information. **J. F. Calbaugh, North Platte, Neb.**

**CHEYENNE CO.** wheat averages 25 bu. Corn 35. A few snaps at \$15 to \$30. Easy terms. **Osborn & Kratz, Bonded Abstractors, Sidney, Neb.**

**COMB.** stock, grain and dairy farms. 50% cheaper than same quality land farther east. **Howard & Richardson, Ravenna, Neb.**

## NEW YORK

**OUR FARMERS ALMANAC** with new list of New York improved farms sent free upon request. Address **McBurney & Co., 309 Bustable Block, Syracuse, N. Y.,** or **703 Fisher Bldg., Chicago, Ill.**

## WISCONSIN

**29,000 ACRES** cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. **Brown Brothers Lumber Co., Rhinelander, Wis.**

**WE WANT** more settlers to locate on the rich, mellow clay loam farm land in Rusk Co. Write for free map and folder. **Faust Land Co., Box 101, Courath, Wis.**

## WYOMING

## Improved Farms For Sale

We own and will sell at bargain prices. Possession this spring. If wanted, terms 18 annual payments, on both principal and interest on crop-payment plan, 160 acre level improved farm 6 miles R. R. town; also 320 acres improved adjoining R. R. town. Good schools, fertile soil, pure water, no hot winds, no irrigation. Banner winter wheat section of the West. Write at once for detailed particulars and descriptive literature. **FEDERAL LAND CO. (Owners), Dept. I, Cheyenne, Wyo.**

## CALIFORNIA

**IN SACRAMENTO** valley, 40 a. \$4500. Soil, water, location, everything right. Address **Box 6, Pleasant Grove, Sutter Co., Calif.**

## A Week in the Stock Market

First Shipment of Grass Cattle for the Year Reaches Kansas City

BY TURNER WRIGHT  
Livestock Editor

**A** STRONGER market for beef steers was a feature of the cattle trade in Kansas City last week. Order buyers were hunting heavy cattle. This increased the competition enough for practically all the beef steers offered to sell above \$8 a hundredweight. Prime heavy steers sold up to \$8.35 during the week. Colorado pulp fed steers sold for \$8.25 to \$8.75 and western hay fed steers sold for \$7.75 to \$8.25. The supply of cattle run mostly to the beef grades. The supply of good stockers and feeders was limited and shipments back to the country were the lightest in several months.

Last week marked the beginning of the grass cattle run. A shipment of steers averaging 986 pounds from southern Texas brought \$7.40. Grass steers usually reach the market much earlier than this but shipments were delayed this year on account of the backward spring in Texas.

Receipts totaling 23,550 head on Tuesday was the feature of the week in the hog trade. This was the heaviest run for any day since December. Buyers took advantage of the increase in supply to lower prices. The loss was regained later in the week, however, and prices at the close were steady when compared with those paid at the close of the week preceding.

The supply of sheep and lambs was limited and the quality of the offerings was uneven. Texas and Arizona furnished the bulk of the offerings. Prices remained about steady. The following table shows the prevailing quotations for the different grades of stock in Kansas City during the week.

## FAT STEERS.

Prime heavy, corn fed.....	\$ 4.40 @ 8.35
Good to choice.....	7.75 @ 8.55
Fair to good.....	7.75 @ 8.00
Choice western steers.....	8.20 @ 8.60
Fair to good western steers.....	7.65 @ 8.30
Common to fair killers.....	6.75 @ 7.70
Prime yearlings.....	8.35 @ 9.35

## COWS AND HEIFERS.

Prime cows.....	7.00 @ 7.75
Good to choice.....	6.50 @ 7.00
Fair to good.....	5.90 @ 6.40
Cutter cows.....	5.40 @ 5.85
Canners.....	4.50 @ 5.35
Prime heifers.....	8.50 @ 9.25
Fair to choice.....	7.75 @ 8.45
Common to fair.....	6.50 @ 7.45

## QUARANTINE CATTLE.

Steers, grain fed.....	7.50 @ 8.35
Steers, meal and cake fed.....	6.75 @ 8.00
Cows and heifers.....	4.75 @ 7.35
Cows, fair.....	4.00 @ 4.45

## FEEDERS AND STOCKERS.

Selected feeders.....	8.00 @ 8.50
Good to choice feeders.....	7.35 @ 8.00
Medium to good feeders.....	7.35 @ 7.70
Common to fair feeders.....	7.00 @ 7.30
Selected stockers.....	8.00 @ 8.50
Medium to good stockers.....	7.50 @ 7.95
Common to fair stockers.....	7.15 @ 7.45
Stock cows.....	5.50 @ 6.85
Stock heifers.....	6.00 @ 8.00
Stock calves.....	7.00 @ 8.50
Killing bulls.....	5.00 @ 6.50
Veal calves.....	6.50 @ 10.00

## HOGS.

Choice hogs, over 200 pounds.....	7.35 @ 7.65
Choice hogs, over 250 pounds.....	7.35 @ 7.60
Light hogs, 150 to 200 pounds.....	7.25 @ 7.70
Rough to common.....	7.00 @ 7.45
Stags.....	6.40 @ 7.25
Bulk of sales.....	7.30 @ 7.60

## SHEEP.

Spring lambs.....	10.25 @ 11.15
Fed lambs.....	10.50 @ 11.00
Yearlings.....	9.50 @ 9.75
Wethers.....	8.25 @ 9.00
Ewes.....	8.25 @ 8.75
Clipped sheep.....	7.00 @ 8.85
Goats.....	4.25 @ 5.50

## The Horse and Mule Market.

The movement of horses and mules through Kansas City last week was en-

## ILLINOIS

**MODERN** farm homes; fine new buildings, only \$300 cash, bal. crop payment. Valley Park Improvement Assn., Edwardsville, Ill.

## MONTANA

**FAMOUS JUDITH BASIN, MONTANA.** Wonderful grain and stock country, rainfall unfailing, mild winters, delightful summers, healthful climate, crop failures unknown, extra fine stock ranches, natural alfalfa and timothy land, greatest non-irrigated grain growing section in United States, holds record winter wheat and barley. No destructive insects. Write for literature. **J. W. Studebaker, State Agent, McPherson, Kansas.**

## FARM LOANS

**FARM AND CITY MORTGAGES** a specialty. Write us if you wish to borrow. **Perkins & Co., Lawrence, Kan.**

**FARM LOANS**, Missouri, Kansas, Oklahoma and Arkansas, low rates, liberal privileges, most favorable terms. No delay. You get all you borrow. **The Deming Investment Co., Oswego, Kan.** Branch offices: **Wichita, Kan.; Oklahoma City, Muskogee, Durant, Okla.; Little Rock, Ark.**

## REAL ESTATE WANTED

**QUICK CASH** for property or business. No matter what or where it is. Special terms to owners. **Dept. E, Co-operative Salesman Co., Lincoln, Neb.**

tirely on war contracts. All horses were sent to Lathrop for inspection but mules were inspected in Kansas City. The receipts for the week were 3,163 head. This was 47 more than for the week preceding and 1,883 more than for the corresponding week a year ago. Prevailing quotations were as follows:

## HORSES.

Draft, 1,700 pounds and heavier.....	\$200 @ 250
Draft, fair to good.....	165 @ 195
Chunks.....	135 @ 175
Southern, fair to good.....	75 @ 170

## MULES.

13 1/2 to 14 1/2 hands.....	\$100 @ 125
14 1/2 to 15 1/2 hands.....	115 @ 140
15 1/2 to 16 hands.....	135 @ 180
16 to 16 1/2 hands.....	180 @ 240

## In the Grain Market.

Grain receipts in Kansas City last week were 671 cars of wheat, 217 cars of corn, 59 cars of oats, 44 cars of kafir, 6 cars of barley, and 11 cars of rye. Wheat was quoted at the close of the week 1 to 2 cents lower than at the close of the week preceding. Corn and oats were unchanged. Quotations giving the range of prices follow:

Wheat—Hard: No. 2, \$1.47 @ 1.53 1/2; No. 3, \$1.46 @ 1.50 1/2; No. 4, \$1.44 @ 1.49. Soft: No. 2, \$1.45 @ 1.49 1/2; No. 3, \$1.43 @ 1.45 1/2. Corn—White: No. 2, 74 1/2 @ 75 1/2 c; No. 3, 73 1/4 @ 74 c. Yellow: No. 2, 74 1/2 @ 75 1/2 c; No. 3, 73 1/4 @ 74 c. Mixed: No. 2, 73 1/2 @ 74 c; No. 3, 72 1/2 @ 73 c. Oats—White: No. 2, 51 1/2 @ 52 1/2 c; No. 3, 51 @ 52 c. Mixed: No. 2, 49 @ 50 1/2 c; No. 3, 48 1/2 @ 49 c. Kafir—85 @ \$1.05. Barley—64 @ 67 c. Bran—91 @ 95 c. Shorts—\$1.05 @ 1.20.

Seed—Alfalfa, \$11.50 @ 14.50; clover, \$13.50 @ 15; timothy, \$15 @ 16; flax, \$1.65 @ 1.70; cane, 85 @ 92 c; German millet, \$1.80 @ 2.40; and common millet, \$1.20 @ 1.60 a hundred-weight.

## The Hay Market.

Total receipts of hay for the week were 464 cars. This was 44 cars less than last week and 242 cars more than for the corresponding week a year ago. Quotations giving the range of prices follow:

Hay—Prairie: Choice, \$12.50 @ 13.50; No. 1, \$10 @ 12; No. 2, \$6.50 @ 9.50; No. 3, \$4 @ 6. Timothy: No. 1, \$15.50 @ 16.50; No. 2, \$14 @ 15.50; No. 3, \$11 @ 14. Clover mixed: Choice, \$15 @ 16; No. 1, \$14 @ 15; No. 2, \$12 @ 14. Clover: Choice, \$14 @ 14.50; No. 1, \$12 @ 13; No. 2, \$8 @ 11. Alfalfa: Choice, \$15.50 @ 16.50; No. 1, \$14 @ 15.50; standard, \$11 @ 14; No. 2, \$8 @ 11; No. 3, 7 @ 8. New alfalfa: Choice, \$10 @ 11; No. 1, \$9 @ 10; No. 2, \$7 @ 9; No. 3, \$5 @ 7. Packing hay, \$3 @ 3.50. Straw, \$4.50 @ 5.

## Butter, Eggs, and Poultry.

Quotations giving the range of prices for the week follow:

Butter—Creamery: Extra, 26c; firsts, 24c; seconds, 22c. Pound prints 1 cent higher. Packing stock, 18 1/2 @ 19c. Eggs—Extra, new white wood cases included, 18 1/2 @ 19 1/2 c; firsts, 16 1/2 @ 17 c; seconds, 15 @ 16 c. Live poultry—Springs, 2 to 3 pounds, 20c; broilers, 24 @ 28 c; hens, 12 1/2 @ 13 c; roosters, 9c; turkeys, 13c; ducks, 11c; geese, 6c.

## Erdley Dispersion Sale

BY JESSE R. JOHNSON.

The Jersey cattle dispersion sale advertised for May 19, at Holton, Kan., was held under very unfavorable conditions. The heavy rains of the day and night before and threatening weather sale day kept many buyers away. The tent went down in the storm the night before and the Jerseys, freshly clipped, shivered and failed to show up well on sale day. The sale was held in a building poorly lighted and poorly arranged to show off the stock to advantage. Many good buyers were present but unfavorable conditions lowered the average as is always the case. Mr. Erdley kept his nerve well but finally stopped the sale, keeping about one-third of the offering among which were some of the best things cataloged. An average of about \$105 was made on all females sold, including many small heifers. Col. H. S. Duncan handled the sale in an unusually high class manner. This is a list of leading sales with buyers' names and addresses:

Castors Splendid—H. O. Tudor, Holton.....	\$90
Dunda's Brown Fox—C. E. Mitchell, Holton.....	170
Roses Grey Signal—G. W. Mellenbruch, Washington.....	80
Fox's Silverline Rose—C. Haag, Holton.....	135
Fox's Golden Seal—Dr. Lomax, St. Joe, Mo.....	125
Bell's Victoria of St. Martin—Wm. Linton, Denison.....	85
Gold Boy's Ninta—Mrs. Shaffer, Holton.....	120
Castor's Golden Belle—R. A. Gilliland, Mayetta.....	125
Castor's Sweet Belle—R. H. Feuser, Holton.....	100
Gay Lad's Silverline—Mr. Peterson, Holton.....	85
Castor's Signal—A. D. Walker, Holton.....	140
Castor's Fawn Advocate—Dan. Kanauer, Horton.....	145

Castor's Roxana—A. B. Jefferter, Topeka.....	165
Splendid Signal Queen—C. B. Carter, Hebron, Neb.....	95
Splendid Golden Ninta—Geo. McCaulley, Leona.....	160
Castor's Splendid Advocate—Mrs. Shaffer, Holton.....	115
Castor's Gay Fox—Honnell & Rigden, Everest.....	150
Gay Lad's Brown Fox, Chas. Peterson, Holton.....	95
Belle's Starlight, H. M. Beck, Altamont.....	75
Belle's Fawn Belle, H. M. Beck.....	75

## WHAT BREEDERS ARE DOING

FRANK HOWARD,  
Manager Livestock Department.

## FIELDMEN.

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan.  
John W. Johnson, N. Kansas and E. Nebraska, 820 Lincoln St., Topeka, Kan.  
Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.  
Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.  
C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

## 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.

## Jacks and Jennets.

Sept. 15—W. H. Ronejue, Atlanta, Mo.  
Oct. 15—Geo. Lewis & Son, Stahl, Mo.

## Holstein Cattle.

May 25—C. E. Bean, Garnett, Kan.

## Shorthorn Cattle.

June 4—C. S. Nevius, Chiles, Kan.  
Oct. 27—Henry H. Kuper, Humboldt, Neb.  
Nov. 1—E. E. Dowell & Son, Hiawatha, Kan.

## Poland China Hogs.

Sept. 1—C. D. McPherson, Grantville, Kan.  
Sept. 29 and 30—J. D. Gurnett and Ed W. Cook, Pattonsburg, Mo.  
Oct. 19—Sigel Brown, Reeds, Mo.  
Oct. 20—A. F. Blinde and Geo. Brown, sale at Tecumseh, Neb.  
Oct. 20—H. C. Graner, Lancaster, Kan.  
Oct. 21—H. B. Walter, Effingham, Kan.  
Oct. 26—Herman Gronniger & Sons, Bendena, Kan.

Nov. 3—J. L. Griffiths, Riley, Kan.  
Jan. 21—A. F. Blinde and Geo. Brown, sale at Auburn, Neb.  
Feb. 15—Herman Gronniger & Sons, Bendena, Kan.  
Feb. 16—H. C. Graner, Lancaster, Kan.  
Feb. 17—H. B. Walter, Effingham, Kan.  
Feb. 18—J. H. Harter, Westmoreland, Kan.

## Spotted Poland China Hogs.

Sept. 23—Thos. F. McCall, Carthage, Mo.  
Oct. 6—H. T. Dickerson, Jamison, Mo.  
Nov. 2—Alfred Carison, Cleburne, Kan.

## Duroc-Jersey Hogs.

Sept. 2—C. D. McPherson, Perry, Kan.  
Nov. 3—Martin Kelley, Verdun, Neb.  
Nov. 8—E. N. Farnham, Hope, Kan.  
Feb. 24—J. M. Layton, Irving, Kan.

## Chester White Hogs.

Feb. 24—J. M. Layton, Irving, Kan.

## Our Spring Pig Crop

The spring crop of pigs is shorter this season than for the past three years, at least that is the showing made by reports from 286 breeders of pure bred swine in Iowa, Missouri, Nebraska, Kansas and Oklahoma. These 286 breeders report 3,380 litters—30,333 pigs farrowed and 19,961 pigs saved. This is an average of 8.9 pigs to the litter farrowed and an average of only 5.8 pigs to the litter saved. The average saved, in the same territory, last year, was 6.3 pigs to the litter. The average for 1913 was 6 pigs to the litter, saved. The report this year shows that the average number of sows in the breeders' herds is only 11.8, while in 1914 the average was 13.1. With fewer sows in the breeders' herds and with a smaller litter average saved it is hard to see where certain papers find justification for their reports that there is an unusually large pig crop this season. Not only do these reports show a shortage in the breeders' hands but in every case where a breeder reported the condition of his farmer friends' herds it was to the effect that the farmers were "short" on hogs. The foregoing facts and figures become more important when it is remembered that these are comparative statements, based on comparisons made with the conditions of last year and the year before, which were admittedly "short" years for swine production.

Only one Tamworth breeder reported. His 7 sows farrowed 84 pigs and saved 70.

Two Yorkshire breeders reported 71 litters—584 pigs farrowed and 472 pigs saved with 157 sows yet to farrow.

Seven Berkshire breeders reported 51 litters—424 pigs farrowed and 373 pigs saved with 32 sows yet to farrow.

Fifteen Hampshire breeders reported



**LIVESTOCK AUCTIONEERS.**  
**Spencer Young, Osborne, Kan.**  
 Livestock Auctioneer. Write for dates.

**R. L. Harriman, Bunceton, Mo.**  
 Selling all kinds of pure bred livestock. Address as above.

**ANIMAL PHOTOGRAPHY** and sketching: all kinds of farm animals. Write for prices. **Harry Spurling, Taylorville, Ill.**

**John D. Snyder** AUCTIONEER, successfully sells pure bred livestock, real estate and general sales. **HUTCHINSON, KAN.**

**FLOYD CONDRAY, Stockdale, Kansas**

Livestock auctioneer. Write for open dates. **Jas. T. McCulloch, Clay Center, Kan.** References: The breeders I am selling for every year. Write for open dates.

**WILL MYERS, Livestock Auctioneer** BELLEVILLE, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

**JESSE HOWELL, HERKIMER, KAN.** of Howell Bros., breeders of Durocs and Herefords can make you money on your next sale. Write for dates.

**RUGGELS & SON** SALINA, KAN. BEVERLY, KAN. Livestock, Real Estate. Address either place.

## Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks' term opens Aug. 2, 1915. Are you coming?

**Missouri Auction School**  
 Largest in the World. W. B. Carpenter, Pres. 818 Walnut St., Kansas City, Mo.

**JACKS AND JENNETS.**  
 8 Kentucky Bred Registered Jennets, 2 Yearling Jacks for sale. To close a partnership. **J. F. KERN, Butler, Mo.**

**20 BLACK MAMMOTH JACKS**  
 from 14 1/2 to 16 hands high and up to 1200 pounds in weight. We won both championships on both jacks and jennets, Kansas State Fair, both 1913 and 1914. If you are disappointed we will pay your expenses. Written guarantee with every jack sold. Reference: Any bank in Dighton.  
**H. T. HINEMAN & SONS,**  
 Dighton, Kansas.

**MULE FOOT HOGS.**  
 Stock of all kinds for sale. More premiums won in 1912, '13 and '14 than any herd in the U. S. Write your wants. **ZENE G. HADLEY, Wilmington, O.**

**Mule Foot Hogs**  
 Mule foot hogs; bred gilts, bred sows and weanlings.  
**Dr. E. G. L. Harbour, Baldwin, Kans.**

**BERKSHIRES.**  
**Hazlewood's Berkshires**  
 Spring hogs, bred gilts—immune: priced to sell. **W. O. HAZLEWOOD, WICHITA, KAN.**

**High-Class Berkshires**  
 Winter and spring pigs of either sex and outstanding boars a specialty. Write for prices. **J. T. BAYER, YATES CENTER, KANSAS**

**Big Type Unpampered BERKSHIRES**

Cholera Immune. 150 sows bred to Fair Rival 10th, King's 4th Masterpiece. Truotype, King's Truotype, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow every week from March 1 to Dec. 1. 80 bred sows and gilts to farrow soon. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth. **E. D. KING, Burlington, Kansas.**

**Sutton Farm Berkshires**  
 The Greatest Winners of 1914

Winning at the five leading state fairs, Missouri, (inter-state) Iowa, Nebraska, Kansas and Oklahoma where are held the largest swine shows in the world—over 100 Championships, firsts and seconds, including Grand Champion Boar Prize at each show on the 1000-pound DUKE'S BACON.

Herd headers, foundation stock and show yard material our specialty.  
**Sutton Farm, Lawrence, Kans.**

**FREE To Every Farmer!**

Here is a book that every farmer needs—a book that every farmer must have if he desires to know how to stop the losses and increase the profits of the modern business of farming. This book contains 60 pages, printed and ruled especially for keeping accurate account of everything you raise, sell and buy. Covers every phase of farm accounting, shows expenses, losses and profits at end of each year, also 62 tables and rules for farmers. No bookkeeping knowledge required. Bound in strong covers. We want every farmer to have one of these useful books and will send it free to all who send 25c to pay for 1 year's subscription to our popular home and farm journal. Address: **VALLEY FARMER, Dept. AB-10, Topeka, Kansas**

184 litters—1,685 pigs farrowed and 1,201 pigs saved with 129 sows to farrow. Twenty-nine Chester White and O. I. C. breeders reported 337 litters—3,155 pigs farrowed and 1,864 pigs saved, with 70 sows yet to farrow.

Ninety-seven Duroc-Jersey breeders reported 1,191 litters—11,392 pigs farrowed and 7,192 pigs saved with 274 sows yet to farrow.

One hundred and thirty-five Poland China breeders reported 1,584 litters—13,081 pigs farrowed and 8,819 pigs saved with 353 sows yet to farrow.

The Tamworths averaged 12 pigs to the litter farrowed and 10 pigs to the litter saved. The Yorkshires averaged 8.2 pigs to the litter farrowed and 6.6 pigs to the litter saved. The Berkshires averaged 8.3 pigs to the litter farrowed and 7.3 pigs to the litter saved. Hampshires averaged 9 pigs to the litter farrowed and 6.5 pigs to the litter saved. O. I. C.'s averaged 9.3 pigs to the litter farrowed and 5.5 pigs to the litter saved. Duroc-Jerseys averaged 9.5 pigs to the litter farrowed and 6 pigs to the litter saved. The Poland Chinas averaged 8.5 pigs to the litter farrowed and 5.7 pigs to the litter saved.

These figures indicate not more than 70 per cent of a normal pig crop in the breeders' herds and with a corresponding or even a larger shortage in farmers' herds, should insure good prices for breeding stock.—Frank Howard.

**S. W. Kansas and W. Oklahoma**  
 BY A. B. HUNTER.

G. M. Shepherd, Lyons, Kan., has just immune and weaned 80 March pigs. They are the finest lot of spring pigs Mr. Shepherd ever raised. They are by such sires as G. M. Crimmon Wonder, Good E. Nuff's Chief Col., Col. Chief and Select Top. One litter is by Illustration II and out of a Golden Model sow. Mr. Shepherd has a number of fall boars, 170 to 250 pound fellows, just in final breeding form and extra individuals which he is pricing at a low figure. Several are good enough to head good herds. Write him regarding these young boars, mentioning Farmers Mail and Breeze.—Advertisement.

**N. Kansas and S. Nebraska**  
 BY JOHN W. JOHNSON.

An up-to-date group of dairymen at Eureka, Kan., among whom R. W. Kays is a moving spirit, has just made a ten-strike by leasing for a year the 5-year-old bull, Korndyke Butter Boy Jr., that has been at the head of the Braeburn Holstein herd owned by H. B. Cowles of Topeka, Kan. The bull has a sister on the dam's side with a record of 18,349 pounds of milk and 849 pounds of butter in a year, as a junior 2-year-old; and he has at least three sisters on the sire's side with records above 30 pounds of butter a week. He is not for sale at present, because he has other such records coming, and Braeburn herd has a great bunch of his daughters to test. Many of the cows on which he is to be used are grades only; but the owners understand that this bull will, in three years, put them as far along in improving their herds as they would get in 10 years with three changes of bulls of ordinary merit. They are paying enough for one year's use to buy several bulls outright. A few high class young bulls, by this good sire, are offered at reasonable prices by H. B. Cowles. Write for particulars and mention Farmers Mail and Breeze.—Advertisement.

**N. Missouri, Iowa and Illinois**  
 BY ED. R. DORSEY.

J. J. Early, Baring, Mo., owner of the noted Homestead Hereford farm, is changing his ad this week and is offering a few nice Hereford cows for sale. We wish our readers to know that this herd is one of the very best. When writing for herd catalog please mention the Farmers Mail and Breeze.—Advertisement.

**Nebraska**  
 BY JESSE R. JOHNSON.

Henry H. Kuper, one of Nebraska's leading Shorthorn breeders, authorizes us to claim October 27 as the date for his annual public sale. Mr. Kuper's herd is composed entirely of Scotch cattle and his autumn offering will be up to the standard in every way.—Advertisement.

**Chester White Pigs.**  
 Amos Turner, Chester White specialist, of Wilber, Neb., announces prices on snow white, growthy pigs of spring farrow as follows. One pig \$15. Pairs not related \$25. Trios \$35. Mr. Turner has 250 to select from and will make these very liberal prices only for the month of June. The blood lines represent the very best and Mr. Turner will continue to stand back of every representation and sale. Every pig will be sent out in first class, thrifty, growing condition and just right to go on and develop into a splendid breeding animal. If those of our readers who want to buy will do so now they can save considerable both on the price of the pigs and the express. When writing please mention this paper.—Advertisement.

**S. E. Kan., S. Mo. and E. Okla.**  
 BY C. H. HAY.

Last week we called attention to the show and sale of hogs to be held by C. D. McPherson of Kansas City, Mo., on September 1 and 2. It would appear from the reader

## Your Pick My Band 27 Blk. 3-4-5 Yr.-Old

Stallions, \$400; Your Pick my band 18 blk. 2-yr-old stallions, \$300. Registered Percherons. Sound, big-boned, extra growthy. Sire black 2300 lb. Imported; dams mostly ton imported black. It's the peddler's profit that makes stallions dear; buyers can save hundreds of dollars by coming to this ranch for growers prices and big selection. Just above Kansas City. Fred Chandler, Percheron Ranch, N. T. Charles, Ia.



**North & Robinson Co., Grand Island, Neb.**  
 have a lot of good registered stallions and mares for sale at attractive prices. Write for more information.

**PUREBRED HORSES.**  
**Percheron Stallion** SAMMASETTE 44601, black, 9 years old, a pure breeder, sound, priced to sell.  
**T. M. WILSON, LEBANON, KANSAS.**

**HAMPSHIRE.**  
**REGISTERED HAMPSHIRE** 150 gilts and boars, all ages. Cholera immune. Description guaranteed. **C. E. LOWRY, Oxford, Kan.**

**Registered Hampshires** Weanling pigs \$10 each; pairs not related. Satisfaction guaranteed. **F. B. Wempe, Frankfort, Kans.**

**C. T. Drumm & Sons, Longford, Kan.** Breeders of Hampshires, Herefords, Spotted Poland. 4 Nov. Hampshire boars, \$15 each. Spring pigs, both sexes and breeds. 1 yr. bull. Address as above.

**Shaw's Hampshires**  
 Boars ready for service. Spring pigs, either sex. Pairs and trios at reduced prices. All nicely belted. Satisfaction guaranteed. **WALTER SHAW, R. 6, Wichita, Kan.**

**HAMPSHIRE** Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. **S. E. SMITH, LYONS, KANSAS.**

**For Hampshire Hogs, Dutch Belted Cattle, Arab Stallion** COLLIE DOGS AND GEESE FEATHERS. WRITE **C. W. WEISENBAUM, ALTAMONT, KANSAS.**

**Prairie Slope Hampshire Farm**  
 Pure bred, well-belted sows and gilts for sale; will farrow in April and May. Also herd boar and several spring boars, all well marked and good blood. Write for information; satisfaction guaranteed. **E. G. BURT, Eureka, Kansas.**

**O. I. C. HOGS.**  
**One Good Herd Boar** August and September pigs. Bookings for March and April pigs at bargain prices. If taken at weaning time. **A. A. COOK, LURAY, KANSAS.**

**O. I. C. BRED SOWS AND GILTS**  
 A few tried sows and gilts bred for summer farrow; boars ready for service, pairs and trios not related. Best I ever offered. Very reasonable prices.  
**JOHN E. NEEF, BOONVILLE, MISSOURI**

**TURNER'S CHESTER WHITES**  
 June Prices: 250 spring pigs, white and growthy, White Rock and Chief Select breeding, \$15 each. Pairs \$25. Trios \$35. Buy early and save on express. One of the largest and best herds in the west. **Amos Turner, Wilber, Saline Co., Neb.**

**O. I. C. Private Sale!**  
 79 March and April pigs at \$15 each. Choice Sept. boars \$15 to \$25 each. Sept. gilts bred to your order. Write for further information.  
**CHAS. N. SNYDER, Effingham, Kan. (Atchison County)**

**MAPLE GROVE O. I. C'S.**  
 Over 100 head of pigs from two to three months old at the following prices: choice of litter \$12.00; litter average \$10.00 each, all under average sold as feeders; September, October and November gilts \$15 each; bred gilts \$20 to \$25 each; bred sows \$30 to \$35 each. My herd carries prize winning blood and represents the most popular strains in the country. Each individual guaranteed to give satisfaction.  
**F. J. GREINER, BILLINGS, MISSOURI**

**DUROC-JERSEYS.**  
**Duroc Boars and Gilts** September farrow \$20 each. Boar and gilt sale Nov. 10. **J. B. Duncan, Flush, Kas. (Shipping Point, St. George, Kas.)**

**DUROCS** 200 FALL and SPRING PIGS, both sexes. Priced for quick sale. **ALEX. C. HILL, Hope, Kansas**

**About 500 Duroc Shoats**  
 FOR SALE; weighing about 75 to 125 lbs. These are a fine lot of stock hogs in perfect health. Write, making me your best bid, per cwt.  
**W. H. HARROUN, MALAGA, NEW MEXICO**

**Ash Grove Durocs**  
 Choice September boars and gilts; booking orders for spring pigs at \$6 and \$8 each at weaning time.  
**PAUL SWEENEY, BUCKLIN, KANSAS**

**TRUMBO'S DUROCS**  
 Choice gilts, bred or open, sired by The Climax, by Climax A, out of the great sow, Doty; also a few fall boars. Spring pigs pairs and trios unrelated, priced reasonable, and satisfaction guaranteed. **Wesley W. Trumbo, Peabody, Kas.**

**DUROCS \$10**  
 Rose Comb Rhode Island Reds ever shown in the state, 20 incubators and 7 colony brooder stoves. Also registered Shorthorn Cattle. **Shipping Point, Conway, McPherson and Moders R. W. Baldwin, Conway, Kan.**

**DUROC-JERSEYS.**  
**Rice County Herd Durocs**  
 U Need a Boar—Better Buy Him Now. Four fine July boars, 30 fine fall boars and gilts, sired by Good E Nuff's Chief Col., Otey's Dream and from sows of equal quality and best of breeding. Prices right. Herd immune. **G. M. SHEPHERD, LYONS, KANSAS**

**Duroc-Jersey Boars**  
 Two spring boars good enough to head some good herds; 8 fall boars. One by Dreamland Col. and out of Big Casina for \$25. A good show prospect. Address **J. R. JACKSON, KANOPOLIS, KANSAS**

**Walnut Grove Durocs**  
 One herd boar, also several other boars. Spring pigs, either sex; also booking orders for bred sows. The Man with the Guarantee. **R. C. Watson, Altoona, Kan.**

**12 Duroc Boars, \$25 Each**  
 5 tried sows bred, \$50 to \$75. 20 summer bred gilts, \$30. All immune.  
**Percheron Stallions All Ages**  
**GEO. W. SCHWAB, CLAY CENTER, NEB.**

**BARGAIN PRICES TO CLOSE OUT**  
 28 choice fall and spring gilts bred for April and May farrow. Worth \$25 to \$50. Will take \$25 around. Four good spring boars \$18 to \$22; good fall boars 95 to 135 pounds, \$12.50 to \$16.00.  
**TYSON BROS., McALLISTER, KANSAS**

**BARGAIN PRICES ON DUROC-JERSEYS**  
 Herd headed by Van's Crimson Wonder and Dora's Climax. Summer gilts bred for May and June farrow. Fall gilts bred for fall farrow and a few fall boars by Van's Crimson Wonder for sale. 150 spring pigs by these great breeding boars. **GARRETT BROS., STEELE CITY, NEBR.**

**DUROCS OF SIZE AND QUALITY**  
 CHOICE FALL BOARS READY FOR SERVICE  
 Bred sows and gilts; also weanling pigs, priced for quick sale. Best of breeding.  
**JOHN A. REED, LYONS, KANSAS**

**Huston's Durocs**  
 Special prices on 15 nice fall boars, the tops of our fall litters, sired by Country Gentleman 132541 and Golden Model 4th, 181011. All immune. **W. R. Huston, Americus, Kas.** Write today.

**BONNIE VIEW STOCK FARM**  
 Gilts all sold. Spring pigs for sale, sired by Tat-A-Walla, Kant's Model Enough and A Critter; also 1 yearling and one 4 months old Holstein bull. **SEARLE & COTTE, BERRYTON, KANSAS**

**Hirschler's Durocs**  
 Herd headed by Graduate King, by Graduate Col. Gilts by Tattarrax Chief and E. L.'s Col. bred to him; also a fine lot of spring boars, priced for quick sale. Write today.  
**E. L. HIRSCHLER, HALSTEAD, KAN.**

**WOODDELL'S DUROCS**  
 Herd headed by Rex E. Nuff by Good E Nuff Again King and brother to Otey's Dream. Spring boars and gilts priced reasonable. Satisfaction guaranteed.  
**G. B. WOODDELL, WINFIELD, KANSAS**

**Howe's Durocs**  
 Sows and gilts strong in the best blood of the breed and bred to your good herd boars. I am now ready to book orders for early spring pigs, pairs and trios unrelated. Priced where you will buy and be pleased. **J. U. HOWE, Route 8, Wichita, Kansas.**

**Bancroft's Durocs**  
 Immune  
 We hold no public sales. Nothing but the best offered as breeding stock. Choice fall boars. Spring pigs at weaning time. Pairs and trios not related. Customers in 13 states satisfied. Describe what you want, we have it.  
**D. O. BANCROFT, OSBORNE, KANSAS**

**Hillcrest Farm Durocs**  
 30 October boars and gilts for sale. Also spring pigs, both sexes at weaning time. Popular breeding and popular prices. Give me a trial order.  
**DR. E. N. FARNHAM, HOPE, KAN. (Dickinson Co.)**

**Duroc-Jersey Fall Boars**  
 We have six fall boars and three spring yearling boars, by Revelator and Perfect Climax and out of our best herd sows, for sale. Write for prices and descriptions.  
**Howell Bros., Herkimer, Kansas**

**Maplewood Farm Durocs**  
 We offer 40 bred sows at attractive prices. Big, well grown spring gilts. Best of breeding. Address,  
**MOTT & SEABORN, HERINGTON, KANSAS**

Baby boars \$10 of February and March farrow, sired by "Bell Boy," the undefeated first prize winner at Kansas State, Tennessee State and Interstate fairs in 1914. This is the largest boned baby boar ever used and he has certainly sired us a fine bunch of pigs this spring. A few gilts with pigs for \$25. Pick of 80 fall gilts at \$25 each or will keep and breed at \$25. Also a few fall boars left with poultry farm. Half section fenced hog tract with two big barns, modern equipment and up to date watering system. Best pen headed by "Royal," the first prize cockerel at the Huston State fair in 1913, in what was said to be the best collection of fowl.



## POLAND CHINAS.

**Pigs—big type—pedigreed. Pairs and trios. Shipped on approval.**  
Davis Bros., Box 12, Lincoln, Nebr.

## HEDGE WOOD STOCK FARM

### Leading Big Type Polands

For the next 60 days we will make special prices on weanling pigs. R. F. HOCKADAY, PECULIAR, MO.

## Fairview Poland Chinas

For Sale: Choice fall boars, some good enough to lead herds. Write us for prices and guaranteed descriptions.  
P. L. WARE & SON, PAOLA, KANSAS

**I Am Booking Orders** for a fancy line of my blue ribbon, reserve champion and grand champion boars, also out of prize winning sows. Satisfaction guaranteed. Express prepaid. Start a fancy herd from one of the greatest show herds in existence. W. Z. BAKER, Rich Hill, Mo.

## Original Big Spotted Polands

Commencing this week I offer 20 Sept. and Oct. gilts, bred to your order at \$25 each. Hours same as at \$20. I have 60 spring pigs. Boar sale Nov. 2. ALFRED CARLSON, CLEBURNE, KANSAS

## SHEEHY'S BIG IMMUNE POLAND CHINAS.

Fine big gilts bred to farrow early; some fine big stretchy fall boars and gilts. Extra good and priced to sell. ED SHEEHY, HUMA, MISSOURI

## ENOS BIG TYPE POLANDS!

Extra good young boars ready for service by Orphan Chief and Giant Jumbo; 5 herd headers in the lot. Also a few choice gilts for first of May farrow. Prices right. Quality high. Must sell soon. A. R. ENOS, Ramona, Ka.

**Becker's POLAND CHINAS**  
Spring gilts, Hadley, Expansion, Mastodon, and other leading strains and safe in pig to Orphan Boy, by Orphan Chief. Fall pigs, pairs and trios, by Orphan Boy and Hadley's Wonder, a grandson of A Wonder.  
J. H. BECKER, NEWTON, KANSAS

## Erhart's Big Type Polands

A few choice late fall males sired by Orphan Big Gun and Big Hadley Jr. Also a few late October pigs by the great 1200 pound Robidoux. Am now booking orders for spring pigs by these boars to be shipped in June. Send your order early. Address  
A. J. Erhart & Sons, Ness City, Kan.

## Poland China Boars

If you want a young boar now ready for service, a big boned, handsome headed boar with good back, hams, loin and feet, and good enough to make you proud to own him. I will sell you just such a boar and at one-half the price usually asked and when he arrives at your town he is guaranteed to please you or just ship him back at our expense and your check will be returned.  
A. H. JOHNSON, NEWTON, KANSAS

## HEREFORDS.

Registered horned and double standard polled Hereford Bulls For Sale  
Also a few horned heifers. JOHN M. LEWIS, LARNED, KANS.

## Homestead Stock Farm

We have a few extra fine Hereford Bulls for sale and twenty cows. Get our herd catalog. J. J. EARLY, Box B-186, Baring, Mo.



**50 Hereford Bulls**  
Yearlings and two-herd-headers, fawn and ruged range bulls, strong and rugged 20 yearling heifers, a carload of cows some with calves, others bred.  
**SAM DRYBREAD**  
ELK CITY, KANSAS

**RED POLLED CATTLE.**  
FOSTER'S RED POLLED CATTLE. Write for prices on breeding cattle.  
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

**RED POLLED CATTLE**  
Choice bulls, cows and heifers for sale. Best of breeding. Write or better come and see.  
CHARLES MORRISON & SON, Phillipsburg, Kan.

**RED POLLED CATTLE**  
BEST of BLOOD LINES and cattle that will please you. Cows, heifers and young bulls at attractive prices.  
I. W. POULTON, MEDORA, KAN.

**ABERDEEN-ANGUS.**  
**Aberdeen Angus Cattle**  
**DUROC HOGS**  
Johnson Workman, Russell, Kan

**ANGUS BULLS**  
I have 12 bulls for sale. 1 three-yr-old, the rest coming twos and yearlings. Also some yearling and 2-yr-old heifers. All stock registered. D. J. WHITE, CLEMENTS, KAN.

## ABERDEEN-ANGUS CATTLE

Young stock sired by reliable herd bulls for sale singly or in car lots. See our herd of cows and show herd at Lawrence or write us. Phone, Bell 8454.  
Sutton & Porteous, Route 6, Lawrence, Kan.

that this entire offering was to be of Poland Chinas. On September 2 at Perry, Kan., Mr. McPherson will show and sell Duroc-Jerseys. The sows that have produced the pigs for this show and sale are the best lot of sows Mr. McPherson ever owned. They are tops from several sales. Keep these dates in mind as these sales will doubtless afford an opportunity for farmers and breeders to get some excellent breeding animals at a reasonable price.—Advertisement.

Henry Fehner of Alma, Mo., has been very successful with the pigs this spring. The litters average about nine per sow. Mr. Fehner breeds the O. C. and will have a choice lot to sell next fall.—Advertisement.

Sam Drybread of Elk City, Kan., can fit you out with most anything you could wish in the Hereford line. If you want a herd bull of real merit or a good farm bull or good rugged range bulls, he has them. He is also offering 20 yearling heifers and a car of cows, some of which have calves by side. The balance are bred. See Mr. Drybread's ad in another column of this paper. Please mention this paper when you write.—Advertisement.

## Choice Angus Bulls.

In a recent talk with Mr. Porteous of the firm of Sutton & Porteous, he states that they have on hand a number of extra choice Angus bulls. Under ordinary conditions these bulls would have been sold out some time ago but the quarantine has cut off a large portion of their trade, hence a number of their good bulls are still unsold. Any one contemplating buying a herd bull will do well to write them at once. The quarantine is being lifted more and more each week and there is no doubt but what these bulls will move very rapidly from now on.—Advertisement.

## Sir Juliana Grace De Kol.

Shulthis, Robinson and Shultz report the great young herd bull Sir Juliana Grace De Kol coming along in the best possible way. This splendid young bull has been pronounced by some of the state's best dairymen as the best of his kind west of the Mississippi. His dam and granddam were among the best producers. In their ad you will find some of their records. This firm will let this great young bull to a few good cows at a very reasonable price when you take into consideration what you will get. They are also offering a few choice bull calves.—Advertisement.

## Walnut Grove Durocs.

R. C. Watson of Altoona, Kan., is changing his advertising copy in this issue and is offering one of his herd boars, spring pigs and bred sows. Mr. Watson has a well bred herd of Duroc-Jerseys and his shipments please his customers as is shown by the following letter: "Mr. R. C. Watson, Altoona, Kan. Dear Sir:—I am well pleased with the male hog you sent me November 16, 1914. I had good luck with him. I had 11 sows to farrow; they farrowed from 8 to 14 pigs each, raising 97 of them. Fifty dollars wouldn't buy the boar now. Many thanks to you for sending me a good one. Yours truly, D. M. Rupp, Morrowville, Kan." If interested in this offering write Mr. Watson and mention this paper.—Advertisement.

## Bayer's Big Type Berkshires.

J. T. Bayer & Son of Yates Center, Kan., are starting a card ad in this issue of the Farmers Mail and Breeze. They are advertising high class Berkshires, especially winter and spring pigs of either sex, and outstanding boars. The Bayer Berkshire herd is one of the best bred herds in the state. The individual excellence of the offering from this herd is shown by the fact that they go to all the leading shows and win their share of the ribbons. The Bayer Berkshires do well in other herds as is proven by numerous letters from satisfied customers. If you want breeding stock in Berkshires write J. T. Bayer & Son, Yates Center, and mention the Farmers Mail and Breeze.—Advertisement.

## Glenwood Shorthorn Sale.

This is the last chance we will have of calling attention to C. S. Nevius's offering of Shorthorn cattle to be held at Glenwood farm, Chiles, Kan., June 4. The offering will include 45 head, including six head consigned by C. J. Woods, whose herd of double standard Polled Durhams is second to none in the country. The catalog numbers for Mr. Woods's consignment are 21 to 26 inclusive. Five of these are beautiful roans. In Lot 21 Mr. Woods is selling a daughter of Mr. Nevius's great show and breeding bull Searchlight. This cow would stand up well in any company. In Lot 26 Mr. Woods is selling a junior herd bull by the champion Roan Hero out of a Gallant Knight dam. This breeding cannot be improved and the bull is as good as his breeding. He is a herd prospect proper. A study of the Nevius catalog shows as fine a line of Scotch pedigrees as will be offered in his sale this season. Including the Woods offering about one-half of this sale will be roans. Before the sale Mr. Nevius will show 10 or 15 head, the get of one sire, that will equal any group of a like number that have been in the big shows recently. More than one-half of this show will be sold in this sale. Lot 1 in the catalog is the senior yearling, Cherry Blossom 6th, by Searchlight out of Imported Cherry Blossom 4th. Lot 3 in the catalog, Miss Violet 11th, is a choice Violet that will make a strong show as a 2-year-old. She stood high in all shows last year as a yearling. Lot 2, Mina B. is a splendid 3-year-old butterfly by Searchlight out of a Lord Mayor dam. Lot 7 is considered by many to be the best prospect Mr. Nevius will sell for 2-year-old honors. She was included in the show herd last season and stood high in all the classes. She is by Searchlight and out of Lucrece, by Standard Lavender. All of these lots are in show shape, and bred to calve after the show season. We might go through the entire catalog list and practically every one in the catalog is worthy of special mention. All breeders and lovers of Shorthorn cattle should attend this sale. Mr. Nevius is worthy of the support of his brother breeders not alone for the splendid offering he is making at this time but for the good he has done the breed. Remember the date, June 4, and be sure to be at the sale.—Advertisement.

Driving a bunch of cows to pasture may not be heroic, quotes an exchange, but neither is it heroic to be begging for another year's renewal of the farm mortgage.

## GALLOWAYS.

## Young Galloway Cows

For Sale, 25 head nearly full blood cows. 18 calves by their sides. 10 Galloway heifers. For prices write  
J. T. SELLARDS, SOLOMON, KANSAS

## CAPITAL VIEW GALLOWAYS

Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.  
G. E. Clark, Topeka, Kan.

## Registered Galloways

25 bulls ready for service. 30 females all ages. The blood of the 2200 pound Carnot.  
W. W. DUNHAM,  
Doniphan, (Hall County) Nebraska

## 50 Galloway Bulls

**SMOKY HILL RANCH**  
Yearling and two years old. Best of breeding and a grand lot of individuals. Write for prices and descriptions.  
E. J. CUILBERT, Wallace, Kans.  
MAIN LINE UNION PACIFIC

## SHORTHORNS.

**Five Shorthorn Bulls For Sale** TWO BY KING; three by Pioneer, a grandson of both Whitehall Sultan and Avondale. C. A. COWAN & SON, Athol, Kan.

**Pure Bred Dairy** Double Marys (Flatcreek strain) and Rose of Sharon families. Two young bulls of serviceable age for sale. Registered Poland Chinas. Big type.  
R. M. ANDERSON, BELOIT, KANSAS

## Four Shorthorn Bulls

Straight Scotch and Scotch topped. 18, 14, 9 and 6 mos. old. Two by Royal Gloster. P. C. McCALL, Irving, Kan.

## SHORTHORNS

Herd bull, service bulls, bull calves and a few females. Prices reasonable.  
KELLEY BROS., GARDNER, KANS.

## Straight Scotch Heifers!

Five yearling heifers, 3 straight Scotch and 2 Scotch topped. Got by a son of Bampton Knight. Also a choice lot of fall and spring bulls for this fall's trade. Address,  
S. B. AMCOATS, Clay Center, Ks.

## SHORTHORNS

**20 Bulls, 12 to 30 Months Old Sired by ROSEWOOD DALE**  
by Avondale. This is a strong, husky bunch of bulls ready for immediate service and priced to sell.  
Levi Eckhardt, 1203 E. 10th St., Winfield, Kan.

## Pearl Herd Shorthorns

Valiant 346162 and Marengo's Pearl 391962 in service on herd. Choice early spring bulls by Valiant for sale. Thrifty and good prospects. Scotch and Scotch Topped. Correspondence and inspection invited.  
C. W. Taylor  
Abilene, Kansas



## HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

The silo and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows. The Holstein has proven her worth in the North and East and is sure to take the lead in the southwest. Visitors welcome; call or write today.  
Clyde Girod, Towanda, Kansas

## Reduction Sale of Shorthorns

### Come to Doyle Valley Stock Farm



## 175 Head of Shorthorns

50 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business. All kinds of Shorthorn Breeding Stock from which to select—Cows, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Olerie and other noted sires. If you want Shorthorns come now. Write, wire or phone me when to meet you at Peabody either Rock Island or Santa Fe Depot.  
Yours for business,  
M. S. CONVERSE, Peabody, Kansas

## POLLED DURHAMS.

## Double Standard Polled DURHAMS

Six yearling bulls. A number of under yearling bulls. 2 good French draft stallions and some jacks. C. M. HOWARD, Hammond, Ka.

## DAIRY CATTLE.

**REGISTERED HOLSTEINS** 1 yearling and one five months old bull, by Shadybrook Gerbo Sir Kornelke. Write for further information. BEN SCHNEIDER, Nortonville, Kas.

**SIX REGISTERED HOLSTEIN BULLS**  
Ages 8 to 13 months. Well marked and priced right. State Hospital, Osawatomie, Kansas

**HOLSTEINS** Bull calves better than the common run. Two ready to use.  
H. B. COWLES, TOPEKA, KANSAS.

## Higginbotham's Holsteins

A few choice registered young bulls for sale at prices that are right. HIGGINBOTHAM BROS., ROSSVILLE, KAN.

## Linscott JERSEYS

Premier Register of Merit Herd Est. 1878. Bulls of Reg. of Merit, Imported, Prize Winning stock. Most fashionable breeding, best individuality. Also cows and heifers. Prices moderate.  
R. J. LINSOTT, HOLTON, KANSAS

## Tredico Holsteins

A fine bunch of bull calves that will be ready for light service next November to March. One that is ready for service now. Some that are top notchers for grade herds.  
GEO. C. TREDICK, KINGMAN, KANSAS

**HOLSTEIN CATTLE** All females able bulls sold. Have nothing to offer now but bull calves from a few weeks to four months old. The calves are from good producing dams, some giving as much as 70 pounds. T. M. EWING, Independence, Kan.

## SUNFLOWER HERD HOLSTEIN-FRIESIANS

Young service bulls and bull calves from A. H. O. dams at prices never before offered. F. J. Searle, Oskaloosa, Kan.

## Maplehurst Guernseys!

Choice registered and grade cows and heifers for sale. A registered herd bull for sale or trade.  
A. P. BURDICK, NORTONVILLE, KANSAS

## PURE BRED HOLSTEINS

Herd headed by Sir Julianna Grace DeKol, Dam, semi-official record one year, milk 22,087 pounds, butter 924 pounds. Sire's dam, semi-official record, one year as three year old, butter 1,026 pounds; three years consecutive 3,060 pounds. Bull calves for sale.  
SHULTHIS, ROBINSON & SHULTZ, Independence, Kan.

## Holstein and Jerseys For Sale

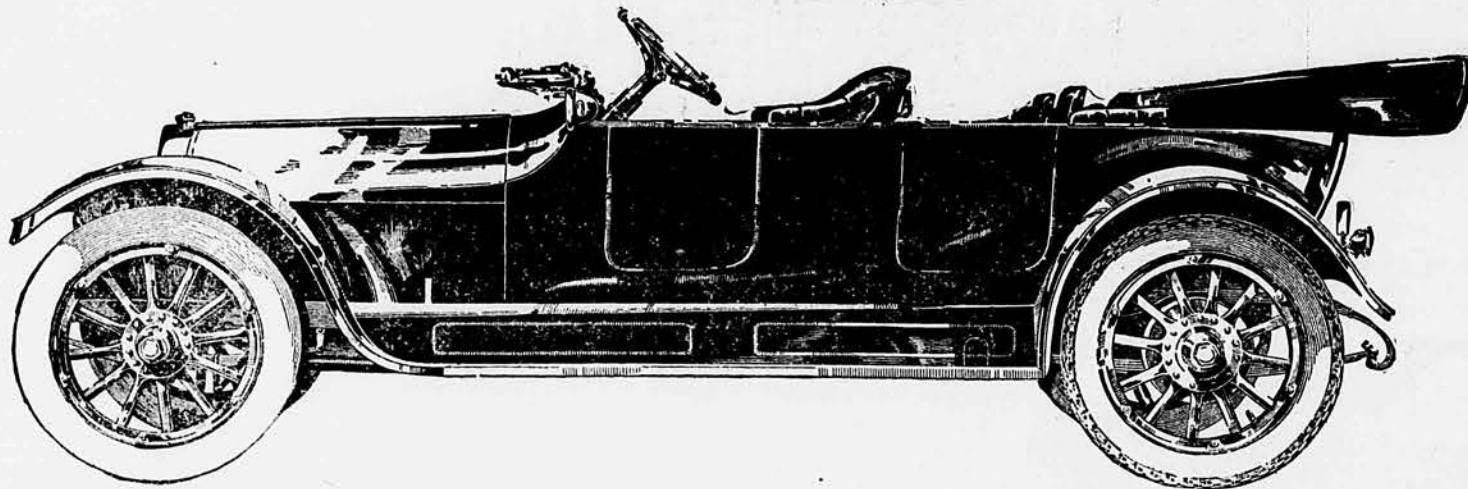
One DeKol bred bull seven years old, weight in medium dress 240 lbs., fat 220 lbs. Sire DeKol Hengerveld Burke, Grand sire DeKol 245. Butter Boy 3rd. This bull is a cousin of three world's record cows, bred right and a fine individual. Also one registered Jersey bull, age 7, sire Ella's Commaise Lad, now owned by Oklahoma Agricultural College, grand sire Silverline Lad, 1st prize yearling World's Fair St. Louis; also three heifers by this bull, aged one, two and three years, from splendid registered cows. Closing out dairy. Prices on above stock right. For particulars address  
M. M. FULKERSON, ALVA, OKLAHOMA

## GUERNSEYS

**SOLD OUT** Will have some choice young males and females to offer about August 1, 1915. A cordial invitation is extended to anyone wishing to visit the farm.  
**OVERLAND GUERNSEY FARM,**  
OVERLAND PARK, KANSAS  
8 miles from Kansas City on the Strang Electric Line.



**Overland**  
TRADE MARK REG. **SIX**  
**\$1475**  
F.O.B. TOLEDO.



## Order Yours **NOW**

**D**URING May we are daily distributing carloads of Overland Sixes to all of our dealers who come in direct contact with you.

This enables us to make immediate deliveries in almost any section of the country.

All waits, delays and promises are eliminated.

*You can get your Overland Six now.*

And "now" is when you want it, for this is the finest season of the year.

This car is without question the greatest Six, for the money, on the market.

It seats seven adults—comfortably.

The wheelbase is 125 inches.

The wheelbase of other Sixes, at a similar price is shorter.

The six-cylinder motor is of the latest en bloc design. It is conservatively rated at 45 horsepower.

The motors of other Sixes, at a similar price, are *not* as powerful, *nor* as flexible, *nor* as up-to-date.

The Overland has high tension magneto ignition.

Most other Sixes have *not*.

The tires are 35" x 4½" all around, with non-skids in the rear.

The tires of other Sixes, at a similar price, are *smaller*.

Most other Sixes do *not* have non-skids on the rear.

Such is the economical result of Overland quantity production.

*We give more car for less money simply because we produce more cars than any other manufacturer of Sixes in the world.*

Buy an Overland Six and save money.

See the Overland dealer to-day.

If you haven't his address, write us quickly.

Deliveries can be made immediately.

This is the greatest Six in America.

Order yours now.

### Send For This Great FREE Book

We have just published a book entitled, "Points in Judging an Automobile."

This book explains and pictures fifty-eight definite Overland Advantages. Send for the book today. It's free. Fill out this coupon right now.

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Please send me free of charge and post paid your book entitled "Points in Judging an Automobile."

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