

# The FARMERS MAIL AND BREEZE

## A Big Show at Chicago

By F. B. NICHOLS, Associate Editor

THE INCREASING importance of Kansas as a livestock state was well shown last week in the winnings in the International Live Stock exposition at Chicago. These included the senior and grand championship with Hereford bulls on Bocaldo 6th, from the herd of Robert H. Hazlett of Eldorado. This herd also got a great many other prizes, including first on produce of cow, and first on get of sire. In the Gallo-way classes H. & G. Croft of Bluff City took several firsts. Sutton Farms of Lawrence had the junior champion sow in the Berkshire classes, and took several other firsts.

Many prizes were won by Kansas men in the fat cattle classes. This was true especially in the Shorthorn steer competition; the Kansas State Agricultural college took most of the important placings against heavy competition. The show demonstrated again the ability of Matchless Dale, the bull at the head of the college Shorthorn herd, to sire winning steers. This animal has sired more winning Shorthorn steers than any other bull in this breed, living or dead.

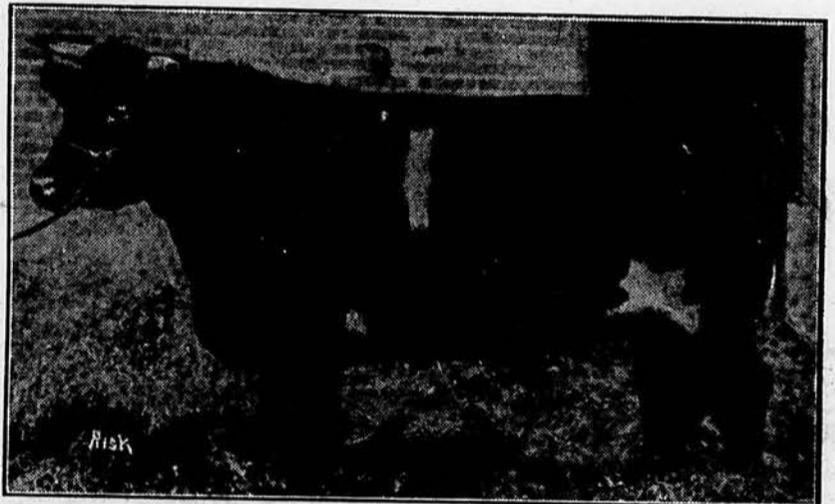
Awards taken by the college included the first and second place with 2-year-old Shorthorn steers, in a class of eight animals. The first place went to Merry Dale, the second to King Dale. The college also won the first two places on senior yearling Shorthorn steers in a class of nine; Barmpton Dale took first and Gallant Dale second. In the junior yearling class, in which 13 animals were led into the ring, the college took first on Archer Dale. In the awards for the champion Shorthorn steer the college received first on Merry Dale and second on Archer Dale.

Many other awards were taken with Angus, Hereford and grade and crossbred steer herds entered by the college. The showing made with the Shorthorns is all the more important when it is considered that heavy competition is the rule in this show. The International exposition has had a reputation for many years of being a great Shorthorn show; the animals coming from the leading herds of the United States and Canada. This same contest is carried into the fat cattle classes;

the college winnings in Shorthorns were in competition with the best herds in America.

The college also won on a carload of Duroc Jersey hogs. This included 53 animals, which had an average weight of 239 pounds when they went across the scales, and they sold for \$10.75 a hundred, which, by the way, is a pretty high price. Good prices were obtained by Kansas men in the carload cattle classes; Dan Casement of Manhattan got \$15.75 a hundred for his carload of Herefords. This carload consisted of 15 yearlings, with an average weight of 1,151 pounds. Springer & Johnson, also of Manhattan, won second on a carload of 2-year-old Hereford steers. There were 15 animals with an average weight of 1,323 pounds, and they sold for \$14 a hundred.

Winnings of the Hazlett animals show the position in world leadership which is being taken by this herd. Bocaldo has won the grand championship this year at every fair in which he has been shown; there has not been an animal on the circuit that could defeat him. This great 2-year-old bull is going to take a big part in the developing of the Hereford breed in the next few years. Bocaldo is a Kansas animal; he was bred on the Hazlett farm near Eldorado, and he has spent all his life there except for the time he has been on the fair circuit. He was



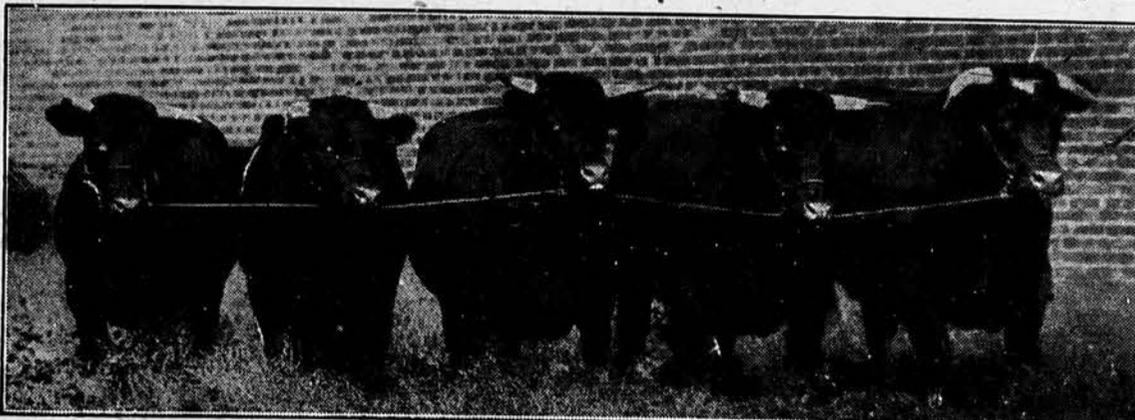
Merry Dale, a Shorthorn Steer Owned by the Kansas State Agricultural College, First in the 2-Year-Old Class at Chicago.

born March 20, 1914; his sire was Bocaldo 362186; the dam was Buleen 372147. The Hazlett herd also took first on 3-year-old bulls with Publican 4th. With two such animals as these this herd is supplied with foundation blood that will carry it thru many show ring triumphs in the future.

A thing of much interest to the farmers from Kansas, and there was a big delegation from this state, was the big prices paid for fat steers. There is no doubt that the high prices this year will help to encourage the feeding of animals for future shows. As one feeder expressed it, the buyers were spending money for the champion animals "in a manner not unlike that of a sailor on shore leave." The most sensational thing was the price paid for California Favorite, the champion steer of the show. He was purchased by the Sullivan Beef Co. of Detroit for \$1.75 a pound; he weighed 1,120 pounds. This is a world's record; the previous high price was \$1.50 a pound,

paid in 1900, at the first International exposition, for Advance, an Angus steer. California Favorite is a remarkable calf; he was bred and entered by the University of California. He is a crossbred. His sire was Prince Lad 11th, a Hereford bull bred by Frank Van Natta of Indiana. This bull was sired by Prime Lad 9th, champion of the 1909 International exposition. The dam of Prince Lad 11th was Susette, a cow that was in the Van Natta show herd of that year, and which some of the breeders still remember. "So much for the Hereford side of California Favorite.

The dam of this champion was Glenbrook Marvel, a purebred Shorthorn. Her sire, Glenbrook Marquis, (Continued on Page 19.)



Archer Dale, Gallant Dale, Barmpton Dale, Merry Dale and King Dale, Shorthorn Steers Owned by the Kansas State Agricultural College that won at the International Livestock Exposition.



Typical Fox River Valley Dairy Farm



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GOODYEAR  
AKRON

# Prizes for the Plucky Boys

Keep an Eye on the Mail Box, Checks Soon are Due

BY JOHN F. CASE  
Contest Manager

EVER hear about "the thrill that comes once in a life time?" Five boys are going to feel that thrill in a few days when they open a letter from me and find that they have won a prize in the Capper Pig Club contest for 1916. And along with the letter will go a check for the prize money and the same mail will carry a beautifully printed honor diploma signed by Arthur Capper and by the contest manager. Long after the money is spent your fortunate fellows will prize this honor award. It always will prove a reminder of the winning you made and the friendships you formed. I wish that I might take these prizes personally to you.



Gilbert Arthur, Berkshire Booster.

contest this year you will regret failure to enroll for likely the membership in your county will be complete. Almost 400 boys have qualified, and many counties only lack one name of filling the membership. Some of the live wires in our club are lining their friends up in order to be sure of getting in on the county prize competition. Grant, Greeley and Ellis counties still lag along without a single application. It looks as if I may have to move some live boys over the county line. Mitchell Caldwell of Grant county did well, tho. but finds it necessary to drop out. I'll tell you why next week.

"What do you know about the thrill that comes once in a life time?" some fellow asks. I've had it all right, club members, so I know exactly how you will feel! Years ago when I wasn't much older than some of you chaps, I entered an editorial contest competing against some of the keenest newspaper men in four states. How some of my older friends poked fun at "the kid!" "He'll get experience all right, all right," they laughed. I did. And I got the hundred dollars first prize, too. I'm not likely to forget the day that kindly letter and the accompanying check came. It was one of the red letter days in my life. And you never will forget the day that brings a well won prize to you.

Pluck is the thing that counts. A few of the boys in our contest just ending have been compelled to drop out but not one did it because he was displeased or disappointed. Two or three members are leaving Kansas, very much disappointed boys because they could not line up for 1917. Stafford county had a live wire in J. D. Stanley who lived near Macksville. J. D. was getting along fine in the contest when the family was compelled to move to Texas on account of the senior Stanley's health. The sow and pigs were sold early in October netting \$91.00 after all expense was paid, which wasn't so bad after all. Our young friend tells me that he is a messenger boy now, working days to help support the family and studying hard at night to keep up with his school work. "But I'd give anything to be back in Kansas helping boost the pig club work along," J. D. assures me. Now there's a boy you will hear from some day. Why not write to this boasting friend? His address is Aransas Pass, Tex.

There's still plenty of time to line up for the 1917 contest. Entries do not close until February 15, 1917, and the sow may be entered in the contest any time before March 1. After you read the letters from boys who won in the

Many club members are buying their contest sows. Prices are higher this year and it looks as if \$40 may be the acreage instead of \$30 as averaged for 1916. If this proves true it will take \$15,000 or more to finance the contest for almost every new member desires to borrow the money to pay for the sow. That seems a large sum to entrust to Kansas boys with no security except their personal notes, but Arthur Capper considers the security gilt edged. And barring unforeseen misfortune every boy who borrows money will pay it back next year and have a fine profit to show beside.

Gilbert Arthur of Hartford, Coffey county, is the principal Berkshire booster for 1916. Gilbert's partner, Ray Ronsey of Ottawa county, had poor luck with his Berkshire entry as she lost both litters of pigs, but Gilbert's sow has done mighty well. She brought eight pigs the first litter and Gilbert has sold some of his fine gilts to new club members for entry next year. Then along in October eight more snub nosed hustlers arrived at the Arthur farm. The picture shows Gilbert with his sow and the fall litter but it was only a snap shot and not a very good one at that. Berkshires have made good records in other pig club contests and I should not be surprised to see Gilbert's aristocratic porkers show up well in ours. And he hopes to do better next year. We now have printed pictures of every breed in the contest.

In addition to the cash prizes and the trophy cup provided by Arthur Capper, don't forget the prize pigs put up by Kansas men for the best breed records in 1917. Duroc, Poland and Hampshire prizes have been announced. Next week we will tell you about the prize O. I. C.

Quite a number of the boys have sent their records and story. I find the stories very interesting and in most cases the records have been carefully kept and neatly prepared. The winners will be announced early next month. And now if you expect to be a winner in 1917 do

(Continued on Page 23.)

## THE CAPPER PIG CLUB

John F. Case, Contest Manager, Capper Building, Topeka, Kan.

I hereby make application for selection as one of the five representatives for ..... county in the Capper Pig Club Contest. I will try to secure the required recommendations and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning pig club work and will make every possible effort to acquire information concerning the breeding, care, and feeding of swine.

Signed ..... Age .....

Approved ..... Parent or Guardian

Postoffice ..... Date .....

Age Limit 10 to 18 Years.

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See your Freight Agent today and get freight rates from mines to your station—or write us for full information. Act at once.

Orders filled promptly upon receipt of bank draft, Post Office money order, or express money order—for the number of tons wanted figured at \$3.75 per ton.

Size of cars—25, 30, 40 and 50 tons. Prices are liable to change and no orders are binding until accepted by us in writing.

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## A Christmas Gift Worth While

There are a great many people to whom, for some reason, you cannot very well send an expensive Christmas present, nor do you want to send them the conventional calendar, or something everyone else sends.

For the small sum of \$1.00 you can send a Christmas present to one of your friends. For \$2.00 you can send gifts to three of your friends—gifts that they will enjoy and appreciate. You will not have to spend time selecting gifts and you will have no packages to wrap.

### A Gift That Will Be Delivered 52 Times a Year

If you would make a lasting gift for the small sum of \$1.00, send us the name of some friend to whom you desire us to send the Farmers Mail and Breeze for one year. For \$2.00 we will send Farmers Mail and Breeze to three of your friends, making a gift that will remind them of you every issue from one Christmas to the next.

It is even unnecessary for you to tell your friends about your gifts unless you desire to do so. The editor of Farmers Mail and Breeze will write your friends a Christmas letter and tell them who sends the weekly. Fill out the coupons, and send them to us while the impulse of interest says, "Do it now."



Farmers Mail and Breeze, Gift Dept. 2, Topeka, Kansas.

Gentlemen: Enclosed find \$..... for which send Farmers Mail and Breeze for the term of one year to persons named in opposite coupon.

Name.....

Address.....

Name and Address of Subscribers.

1. Name.....

Address.....

2. Name.....

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3. Name.....

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**DEPARTMENT EDITORS**  
 Field Editor.....F. B. Nichols  
 Farm Doings.....Harley Hatch  
 Poultry.....G. D. McClaskey

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

# The Farmers Mail and Breeze

Member Agricultural Publishers' Association. Member Audit Bureau of Circulation.  
 Published Weekly at Eighth and Jackson Streets, Topeka, Kansas

ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor.  
 CHARLES DILLON, Managing Editor. F. B. NICHOLS, Associate Editor.

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

## Passing Comment--By T. A. McNeal

### It Might be Done

There is a growing interest all over the nation concerning good roads. The road boosters are busy working up public sentiment and preparing the minds of the people for bond issues for road building purposes. They have prepared figures showing how much will be saved to the farmer every time he has to haul a load of grain to town if he has a paved road to haul it over instead of being compelled to drag it thru the mud. They can prove by figures that the saving effected would easily pay the interest and principal of the bonds necessary to build the roads by the time said bonds fell due. I am not disputing the accuracy of these figures and yet they are misleading in this. The saving effected is largely theoretical while the interest on the bonds must be paid in cash. It might be possible to show by figures that the difference in cost of hauling the marketable products of the Kansas farms to market over bad, ungraded and often muddy roads in the one case and hauling the same products to market over well graded, paved roads, would amount to enough in 50 years to pave every section line road in the state, and have a surplus over. Nevertheless under our present financial system if the people were to go in debt for enough to pave these roads the state would be bankrupted and taxes would be so mountain high that land would be valueless for selling purposes. The mountain of difficulty would be the interest that would have to be paid on the bonds.

We might, however, have a financial system which would enable the people to grade and pave their roads as fast as the necessary material and labor could be provided without materially burdening the people. If this state were permitted to put up with the government as security, its non-interest bearing bonds and have issued to it legal tender notes equal to the face value of those bonds said notes to be legal tender for the payment of all debts and taxes and to be cancelled as fast as they were received in payment of taxes, they could be used in payment for both labor and material necessary in the building of the roads and the people would not be burdened with a vast and constantly increasing load of interest. But this will not be done, at least not soon. There are so many engaged in the pleasant and lucrative occupation of clipping coupons or gathering interest in some other form that their influence is sufficient to prevent any legislation looking toward such a system as I have suggested.

### Reduce Expenses

Every year the expenses of running the state and caring for the state institutions grow heavier. There is little hope that this session of the legislature will vary the record. When the session is over and the appropriations are totaled it is likely that they will be found to exceed the appropriations of two years ago. There are some appropriations, however, which in my opinion might be either cut off or lessened. There are in the state 38 district judges whose aggregate salaries amount to \$115,500 a year and 38 stenographers whose salaries amount to \$45,600 per annum, a total for judges and stenographers of \$161,100 a year. The salaries of the judges and stenographers are not too large. If they are competent to fill their places they are worth the salaries they receive, but if the work of the courts was properly distributed one half the present number of judges and stenographers could take care of it and one half of this bill could be saved. The state a few years ago for pure political bunk took on a couple of institutions for the industrial education of the negro young men. One of them is located at Quindaro and the other at Topeka. The state had no need for these institutions at the time they were taken in and has no need for them now. The higher educational institutions of this state are open to the negro boy as they should be. They afford better opportunities for instruction both industrial and literary than these institutions either do or can afford.

It would mean something for a negro young man or woman to graduate from our University or Agricultural College or State Normal School or Pittsburg Manual Training school, but it means nothing to graduate from Quindaro or the Topeka Industrial Institute. Keeping up these two institutions is neither fair to taxpayers of the state nor to the negro youths who attend them. I understand that the greater part of the students at both institutions come from other states, states

perhaps in which the higher educational institutions are not open to negro students. The keeping up of these institutions is foreign to the Kansas idea and patterns after the Southern idea which is that the negro educationally and every other way must be constantly reminded of his inferiority. At the last session of the legislature something over \$100,000 was appropriated to maintain these two institutions for the biennial period. As much or perhaps more will be asked of this legislature. It is that much money wasted, for the reason that while these institutions no doubt provide some valuable instruction better instruction could be obtained from the other state schools without additional expense to the state. It will be said that the state has spent a great deal of money on permanent improvements on these institutions and that this would be lost. That probably is true as the improvements would not be worth much if the institutions should be abandoned, but it is better to charge that up to profit and loss than to continue to waste \$100,000 every two years. Still I do not have much hope that either of these suggestions will be followed by the coming legislature. It is mighty hard to get anybody off the state pay roll when once they get on.

### Efficient Government

We are talking a good deal these days about efficient government. Well, efficient government is a fine thing and there seems to me no good reason why we should not have it. However there is one thing that in my opinion needed to be guarded against. We do not want to sacrifice democracy to efficiency. There is always something to be feared in concentration of power. It is well enough to concentrate power to a considerable extent provided the people not only have a constant right to veto that power but to dispossess the holder of it of his power. In addition to that the people must be trained to intelligently exercise their right to veto the acts of the agent to whom is committed the great power. We should have a system which always harks back to the people and which constantly excites them to vigilance in preserving their rights and intelligence in exercising their power. That's the reason why I favor a single legislative house limited in number so that it will have efficiency but at the same time without the power of final decision except in case of emergency. I would limit the number of measures that could be approved by this body at any one session and those measures should be submitted to the people for their approval or rejection, after they had been educated in the knowledge of what the measures really meant. We do not want simply efficiency of the few but efficiency of the masses. That is the ideal democracy.

Concentration of power is dangerous unless the people not only have a constant check on the person or persons in whom the power has been concentrated, but also an intelligent understanding of what their agents are doing.

### The Sad Case of Rumania

If the people of Rumania who are doing the fighting, the dying and the suffering, had been responsible for bringing that country into the war, they would perhaps not be entitled to a great deal of sympathy, for it could be said that after observing for two years the hell at their doors they had deliberately jumped into the flames. But the fact is that they were not consulted at all. The arrangement which has resulted in their ruin and the death, wounding or capture of 200,000 of them was made by their rulers. They were simply called on to go out and fight and die. The experience of Rumania also exposes the fallacy of the argument of the militarists of the Roosevelt order who insist that the only way in which a country may be safe is to be thoroly prepared to fight.

Rumania was supposed to be well prepared, the outside world was given to understand that Rumania had a well equipped, well drilled army of anywhere from half a million to 800,000 men. The country had the compulsory military service which Mr. Roosevelt and others are clamoring for. But that did not save Rumania from destruction. In fact it is evident now that it was responsible for the destruction of this rich but badly governed country. If Rumania had had no army and no compulsory military service, neither the allies nor the central powers would have urged her participation. With a supposedly well drilled army of half a million men

ready to put into the field at once, Rumania became an important factor. The allies evidently supposed that this army might decide the conflict within a month or two. As it is the coming in of Rumania has been of little if any benefit to the allies. So long as it was neutral the central powers must at least pay for supplies provided by the Rumanians, now they seize them as spoils of war. It is idle to talk of any small nation preserving itself by military preparation. There has been a great deal of foolish talk about the way in which Switzerland has protected itself from invasion. The reason Switzerland has not been invaded is because there was no object to be attained by either side from its invasion. That is so plain that there is no room for argument. Even granting that there may be some force in the argument that a great nation should go armed to the extent of its ability to muster and equip armies and navies, there is no argument in favor of the small nation following that example.

Certainly so long as its peace is not threatened by some larger and more powerful neighbor, it has no need for armament and if its peace is actually threatened by a powerful neighbor it cannot protect itself against invasion. A great deal has been said about the gallant fight put up by Belgium and it was a gallant fight, but it would have been better for Belgium and probably better for France, if Belgium had made no preparation for resisting invasion.

If Belgium had relied on its smallness and weakness as compared with its powerful neighbors on the east and south and west, it certainly would not have suffered the horrors it has suffered and so far as France is concerned it would not have relied on Belgium as a buffer between it and Germany. As a result France would have been far better prepared to resist invasion at her own border than she was. It will be remembered that France had at the beginning of the war practically no defenses along the border of Belgium, for the reason that she was relying on her little neighbor to act as a protection for her.

The logic of militarism is the final destruction of every small and weak nation.

### They Say it is a Failure

The war board of the United States has declared that our present military system is a failure. Mr. Roosevelt is also entirely satisfied that it is a failure. He was certain of that before it was tried. All the advocates of compulsory military service say it is a failure. For once I agree with the war board and Roosevelt and the advocates of compulsory military service that it is a failure. It seems to me that a man with an intellect equal to that of a lame grasshopper, should have known that it would be a failure. There never has been anything about our regular army that was calculated to appeal to any self respecting young American so far as service in the ranks is concerned and now there is less than there ever was before. At the same time it is the most expensive military service ever devised or put into operation.

It costs the government of the United States \$20,000 to put a boy thru West Point and force him to be a military snob instead of what he is by nature 99 times out of a hundred, a fine, kindly, upstanding, brave young American who despises ranks and titles. A few years ago the law was changed fixing the compensation of the officers in the regular army and increasing their pay by from 25 to 30 per cent. Was anything done to increase the pay of the private soldier? No. His condition is worse in every respect than it was in former years. While wages everywhere have been raised from 50 to 100 per cent his remains the same. Formerly when he had served his term of enlistment he was a free man. Now he is put on the reserve and may be called again to the colors at the option of the government. Formerly after two years service he had the right to demand a discharge on the payment of a certain sum of money. Now, because of the difficulty of securing recruits he is denied that privilege. He is still a social outcast by reason of the fact that he wears the uniform of a private soldier in the army of the United States. Is it remarkable that recruits are slow in coming in? On the contrary I am amazed that as many and as good soldiers are secured as there are. Likewise the experience of the past summer and fall shows that the man who has any other business that is worth while is considerable of a chump if he joins the National Guard, for he is liable at any time to be called away to do guard duty for the munificent stipend of 50 cents

a day and board and clothes, while his family has to depend either on his past savings or the charity of his neighbors.

Sure, our present system is a failure.

Then, says the advocate of universal military service, there is only one thing left and that is to compel every male citizen within certain ages to serve time in the army.

Now, I will admit that if it is true that wars are necessary and always will be necessary; if it is true that only by physical force can a nation be preserved; if morality and fair dealing and even just ordinary horse sense count for nothing, then the advocates of compulsory military service are right, so far as they go, but they do not go far enough.

Remember that they base their argument in favor of compulsory military service on two propositions; the first being that only by military force and that well organized, can the life of a nation be preserved, and second that each male citizen owes this service to his country. If the second proposition is true, why stop with the young men of a certain age? All men could render some military service and if the theory of the militarists is correct they should all be compelled to do so. Not only should the young and husky men be compelled to leave their business and engage in military drills and maneuvers but the old, fat bellied and baldheaded citizens should be compelled to do the same thing. It would do a lot of these pussy captains of finance and smug, baldheaded money lenders good perhaps to put them thru a lot of drills and compel them to care for the camp and take their turn at preparing camp grub. Furthermore in case of actual warfare these should be put on the front firing line. Nothing much would be lost if they were killed and the young men who might be of benefit to their country would be saved.

But the conscription should not stop with the men. The women owe as much or should owe as much to their country as the men. They should be compelled to take a military training in order that they might be ready for service at any time. The women have whenever tried, proved to be fully as fierce and capable fighters as the men. They have as much bravery and with training can handle a gun tuff as well. Of course their present style of dress might be something of a handicap but that could easily be remedied. A dress that would be neat and comfortable and which would not impede their movements could be manufactured. Under such a military system as I have suggested we could easily have a trained army of 75 or 80 millions. There would of course have to be a wider latitude in the matter of rations. Soups and soft breakfast foods would have to be provided for the old men and women who had scattered their native born teeth along the boulder strewn pathway of life, but this would not interfere with their handling machine guns or waiting in the trenches, and their death, as I have suggested, would be less loss to society than the death of the young and vigorous who in the natural course of events should have many years of usefulness before them.

But I disagree with the whole militaristic theory. Nations cannot be preserved by force. Wars are not necessary. It is not necessary that the United States become a military nation or follow in the steps of the militaristic nations of Europe. We have not advanced so far that no force is needed to maintain order and therefore we still need a certain amount of police protection. I think that under a proper system we might get along with much less than we have at present but for a long time yet there will be a certain lawless element made up of people who disregard the rights of others, and these must be dealt with by policemen, sheriffs, and other peace officers. It is not necessary, however, that all the people be trained to be policemen. I think perhaps for a good while we shall need a moderate national police force, but it is not necessary to compel everybody to become members of that force.

I am willing to maintain such force as may be absolutely necessary for purely defensive purposes, and when I say that I mean such force as may be necessary to prevent invasion by a foreign foe. I do not believe if we attend to our own business that there is any danger of foreign invasion but by a proper mining of our harbors, a moderate but effective submarine fleet and a few light cruisers for scouting purposes would make it impossible for any foreign fleet to land on our shores.

## Public Ownership

I have here a number of letters asking my opinion about the ownership of public utilities. I am now and have been for a long time in favor of public ownership of all those public utilities which are in their nature monopolistic.

However, in order that public ownership may be the success that it should and can be, we must have efficient public management instead of that of small bore politicians whose conception of a public office is an easy and well paid job. With that kind of management the cost of transportation can be cut in two and better service be given than is given now by privately owned corporations.

People should be getting their electric light furnished at 2 cents a kilowatt and with improved methods for heating, the homes of the people will be both lighted and heated by electricity. With proper management water could be supplied good and pure for a price that would be so low that it would astonish the user.

The time is coming when the filthy and unsightly smoke that now darkens and begrimes the cities will

no longer shut off the sunlight or soil the garments of the people. Coal will no longer be dug out of the ground and transported at great cost and labor to the bin of the consumer. A plan of combustion will be worked out so that the coal will be burned without waste where it lies in the ground and the heat power converted into electrical power which will be conveyed by wire to all parts of the country to light and heat the dwellings of men. Our telephone system will be publicly owned and operated and the public will be better served, and at less cost than now.

## High Cost of Living

For the first time the consumer seems to be having an inning. The prices of food had apparently knocked the roof off and gone ballooning toward the sky. Eggs had become so high in price that to come down town with a smear of boiled hen fruit on your chin or vest front was a mark of plutocracy. Potatoes reached such an altitude of price that men were beginning to wear spuds for ornamentation instead of diamonds. A beef steak was becoming more precious than rubies and the man of moderate wage was beginning to carry his week's supply of fuel home in his overcoat pocket. The price of a pair of shoes was getting up to the seal skin class. Butter was so high that the best a poor man could do was to grease his fork and stick it in his biscuit and call that sufficient lubrication.

But finally the consumer worm seems to have turned. When he read of how one individual, purely for speculative purposes, had hoarded up almost a hundred million dozen eggs and was holding them for a still higher price it caused the temperature to rise under his neck band.

And therefore the boycott.

Now it is possible for man to live without eggs or meat or butter. Man can pull thru on mighty little if he really makes up his mind that he is going to do so. A great many people have made up their minds to that effect. They have by a sort of common consent quit buying a lot of things they liked but which they could do without. That is the reason why the prices of eggs and butter came tumbling down 10 to 15 cents a dozen and nearly as many cents a pound.

If the people will only make the same determination with regard to beefsteak we shall be buying choice cuts within a month for a little more than half the present price. Some time we shall devise a plan by which the price of food and clothing will be regulated so that it will be fair to the producer and consumer. As it is at present often both the producer and consumer get it where Cale swatted the hen.

## A Good Plant

There will be some effort made I understand to kill the state text book law at the coming session of the legislature.

Well, the persons who are fighting on that sort of thing may as well understand now that they are wasting their time. There is no more chance to get that law repealed than there is to wipe prohibition off the Kansas statute books or eliminate it from our constitution.

The state publication law will stay because it has been a success so far as tried and will be a greater success in the future. So far the state is publishing only a part of the books used in the schools and the greater part even of these have not yet been distributed in the schools.

With the comparatively small number of books published last year the people who have to buy books were saved in a single year \$74,000 and at that Superintendent Ross, who was not originally a friend of state publication, declares that the new state books are better than the books they displaced.

Next year the state will be publishing in addition what it already publishes, all the readers, arithmetics, language and grammars, the civics, the school history and the elementary physiology. The printing plant will put out between now and the opening of the next school year more than a million more books than it printed last year, and while I do not now have the printer's estimate my own estimate is that instead of saving the people \$74,000 the saving will amount to more nearly \$200,000. I feel sure that the saving at any rate will exceed \$150,000. The kickers against state publication are simply stubbing their own toes. Some of them are butting their heads against a stone wall, which doesn't damage the wall and will injure the heads unless they are filled with bone instead of brain.

But cheapness is not the first or leading consideration with the members of the school text book commission. It is their earnest desire to secure the best books possible for the school children of Kansas at the lowest possible cost. We would be glad to cooperate with the leading publishing houses of the country to bring about this result, but if they will not co-operate with us then we will get what we want anyhow, for let it be understood that the aggregate wealth of the people of Kansas is 15 times the aggregate wealth of all the school book publishing houses combined and if necessary we can hire away from them the best authors and editors they have.

## The Fish Hatchery

I saw an article recently in some of your papers in which Governor Capper said that he had reduced the staff from 20 to 9 men at the Pratt fish hatchery. This was right. But if he would go a little farther and make another cut of at least five more and keep two with common horse sense

to look after the business and feed the fish and grow them for food it would be still better.

As for the hatchery it has outlived its usefulness. After the taxpayers have paid their taxes to support the hatchery along comes that mullet head of a fish commissioner and wants Grandma Schafer, Comrade Smith and all others to pay \$1 license for the privilege of going with pole and line to sit on the creek bank to fish!

R. L. Smith of Baldwin says Tom McNeal is right on some things but wrong on the fish hatchery, and goes on to say that he got some fish from the hatchery three years ago, and a dam broke above and washed nearly all the fish into the creek. Now they have all kinds of fish. So have we, out here in Western Kansas. The fish car came as far west as Grainfield 10 or 12 years ago, the first and only time it ever came. I got 500 bass and 500 crappies, and now every stream in Gove, Logan, Scott and Sheridan counties is well stocked with fish.

Perhaps Mr. Smith does not know that a stream once stocked with fish always is stocked as long as there is water in the stream. When a bass gets to weigh 2 to 5 pounds they would better be taken out for food, because they eat their young. We have thousands of young bass and we have not seen a fish car for 10 or 12 years.

Gove City, Kan.

JESSE ROYER.

That is interesting, but I must confess that it seems to me rather a strong argument in favor of continuing the fish hatchery. It has seemed to me that the fish hatchery is rather an expensive luxury and not a profitable one for the state. But in this I may be mistaken.

## Food Embargo Is Foolish

The people should understand that the talk of an embargo on food stuffs is in the interest of the food speculator. It is injuring both the consumer and the producer. I have ample proof of this statement in the letters I am receiving from farmers.

It is worse than folly to talk of an embargo on wheat. The remedy would be worse than the disease, its effect more long-lived and deplorable. I am satisfied this cry is being used mainly by speculators on the wrong side of the market for their own present advantage, to the detriment of the public in the long run and the injury of the producer. The powers of the government should not be used, and I do not think they will be, to spread this mischief, and so aid these speculators.

To put an embargo on wheat and other cereals would result in incalculable injury to the country. Its effect would be to decrease production immediately and generally, the very thing we are striving to prevent. We cannot go on making a goat of the farmer in every national pinch or emergency and then expect him to make the nation prosperous.

We hear nothing about an embargo on steel. Yet no farmer is making even a fraction of 50 per cent profit on watered stock, as the steel trust is doing while boosting the prices of its product nearly 100 per cent. Or an embargo on shoes, or one on munitions, all of which are costing Uncle Sam and his people a pretty penny.

The increased price of wheat is the natural but temporary result of a short wheat harvest in the United States as a whole, something which cannot be said of the greatly inflated prices of many other food products due to the very apparent manipulation of food speculators and price-fixers.

Kansas farmers have promptly met the situation of a partial crop failure in a year of general drouth by sowing this fall one of the largest acreages to winter wheat the state has ever known. That is their answer to the increased demand and the nation's need. The farmers of the other sections of the United States are, or will, make the same response in all crops. But take away the hope of a legitimate and merited reward by an embargo on a single farm product and thousands of acres will go untended and unsown, for seed, too, is scarce, and prices high, and labor is employed in thousands of munition plants and allied industries to the exclusion of much other use.

The public, evidently, needs to know that the farmer is not blamable for the excessive prices being asked for food products cornered by provision gamblers in all parts of the United States. The American Railway Employees' Journal, in its December issue, reports hundreds of cars now standing in railway terminals thruout the country loaded with potatoes, cabbage and other commodities for periods of 30 days and longer in a time of such stringent shortage of cars that it is virtually impossible to get coal in hundreds of towns and cities. Many cars of perishable food are spoiling on sidetracks. The same journal reports the dumping of six cars of potatoes into the river at Peoria. This indicates how some of the much-complained-of food prices are being boosted.

Instead of talking about embargoes and playing into the hands of the speculators, let the statesmen of the country intelligently and determinedly set to work to get an equitable marketing system and an adequate system of distribution. That is the root of the matter.

Arthur Capper.



# We Get Value for Our Taxes

## Farm Institutes Should be Held in Country School Houses

BY HARLEY HATCH

I HAVE kept a receipt for every payment of taxes we have made since living in the West. The collection covers 34 years and it is interesting to look them over and note the gradual increase in taxes there has been in that time on average farm land. Back in 1883 the tax on our 160-acre farm was between \$3 and \$4; today the tax on the 160 acres our farm buildings are situated upon is \$66. The 1883 tax was in reality as high as that of today for in return for it we got almost nothing. Our road was a wagon track which ran "kitty cornered" across the prairie to the nearest town. For purposes of taxation we were attached to a school district many miles in extent and the schoolhouse was so far away that we could not attend school. After a year or so we were given a district with a schoolhouse close at hand and our tax took a raise from \$3 to \$12 to the quarter section, but we got the worth of our money.

We held the most interesting farm institute I ever attended this week at Sunnyside schoolhouse. In the farming community is the place to hold such an institute. If a fellow goes to town to attend one he finds other matters of interest and he fails to attend the institute. When it is held at a country schoolhouse there is nothing else to distract the attention. A fellow just has to attend or go home. We were well pleased with our first attempt at holding an institute and Manhattan sent us two very capable speakers, Mr. Thompson and Miss Byrd. If any read this who have a chance to attend an institute where either of these persons appear on the speaking list I advise attendance. Both are leaders in their line.

Something that interested all the men and boys was the stock judging. All wanted to see how an expert would go about finding the good and bad points of the animals examined. We had both sheep and horses at Sunnyside and Mr. Thompson went over them and told us what to look for and what to avoid in both buying and breeding. Much interest was shown in the sheep as of late these animals have been mighty profitable, and many small flocks are being kept around here. After the judging we went back to the house where we found that Miss Byrd had been giving an exhibition of sewing both plain and fancy and had organized a club among the girls who are to try to equal that exhibit with their own handicraft. The sewing put away, the topic of sheep was taken up and for more than an hour all were greatly interested in talks given by Mr. Thompson and E. D. King. King took first prizes at the last International for champion carloads of fed barrows. In addition Mr. King took about all the first prizes on sheep worth having at the Columbian exposition at Chicago and so can qualify as an expert in both Berkshires and Rambouillets.

Our other local speakers were J. H. Brown and our newly elected state senator, J. R. Anspaugh. Brown talked on beef cattle and gave us a fine address, and Anspaugh handled his hobby, the Durocs, in a most interesting way. Our Manhattan guests assured us that in point of interest the Sunnyside institute was among the best they had ever held and that in attendance it was much above the average. One hundred persons more than 10 years old were present and in addition Sunnyside school had almost a full attendance. All present seemed to enjoy our "7-miles-from-town" experiment and we intend to repeat it.

With the coming of colder weather we'll have to keep a close watch on the motor car radiators. Last winter we could afford wood alcohol to mix with the water in sufficient proportion to prevent freezing in 15 below weather, but this year we find the price of wood alcohol advanced 100 per cent. Even by buying in 5 gallon lots and paying the freight from Kansas City one cannot get it for less than \$1 a gallon. All there is left for us to do is to watch the weather and drain the radiators at the least hint of danger. We can't afford to forget this matter, for forgetting will prove more costly than wood alcohol. At least, one of our friends forgot

one cold night two years ago and his garage bill was \$165 and his car never was as good as before.

One of the worst features connected with the present system of passing land titles is the fact that it costs just as much to perfect the title to a small piece of land as to a section. In fact, it is common to find that the cost of getting an abstract and perfecting title to a small house and lot in town is much greater than the cost of an abstract and perfecting of title to a large farm. A friend a short time ago had occasion to sell a small house in our county seat town and it cost him \$70 for an abstract and "taking the title thru court" without which it seems no title can pass under the present system. So it will be seen that town people as well as farmers should be interested in the passing of a Torrens land title law at the next session of the legislature.

It will not do to infer that after you have paid a large sum for an abstract and have had the title "put thru court" that you have a title which all lawyers will accept. That would be too easy. I can recall two instances in this county of late in which men bought farms. The titles were perfected in court and were pronounced O. K. by the examining lawyers only to be turned down by other lawyers within two years. The purchasers, who had in their turn sold the land, were obliged again to put the title thru court. If any lawyer who bobs up can constitute himself an authority as to whether or not you have a good title to your farm it is time things were changed. For that reason please give a little thought and attention to the Torrens land title transfer system with its attendant safety and cheapness. The fact is 999 out of 1,000 of our present titles are good. The faults and flaws found in them by lawyers are found for revenue only.

### Keep Up Earth Roads

Earth road maintenance now is and will continue for some years to be the real road problem of Kansas, since it is not likely that more than a very small per cent of the highways will be paved in this generation.

"Practically all the work done on an earth road," says W. S. Gearhart, professor of highway engineering in the Kansas State Agricultural college, and state highway engineer, "except reduction of grades, correction of horizontal alignment, building of drainage structures, and elimination of railway grade crossings, is temporary and should properly be considered maintenance."

"Doing permanent work is a comparatively easy matter, for when once it is done correctly it will last for a number of years. The maintenance of an earth road, however, is a never ending job. It is like milking the cows and doing other chores, for the builder knows that the work of maintenance will have to be done over and over again and can never feel that it is in any sense permanent."

"For this reason the earth road has a bad reputation. The trouble is not so much with the material of which the road is composed as with our system or lack of system of management. Other types of roads when treated as we treat the earth roads are much more expensive and serve the traveling public little if any better. The vast improvement that can be made on our present earth roads by intelligent direction in their construction and maintenance is little realized by the public, and the serviceability of a properly maintained earth road is not appreciated when compared with other types of roads as to cost of construction. Successful construction and maintenance of any kind of a road depends upon the recognition by the public and the builders of a few fixed and fundamental requirements.

"One practical, well paid road builder should be made responsible for the upkeep of a certain section of road and should be employed thruout the year, his tenure of office being made dependent entirely upon the character of services rendered. The graded portion of the road should be elevated and crowned so that the water from every section of the road surface will flow into the side ditches."



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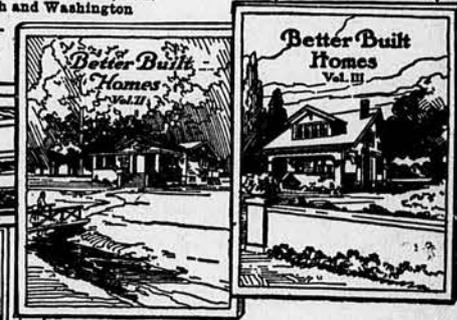
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**Can You Guess the Laying Hen?**

To help solve the problems confronting poultrymen in the selection of breeders, a question was sent to members of our state association asking them to give the points used in selecting their breeders. These answers distributed as follows, were received:

Color	79
Standard requirements	67
Egg records	63
Vigor or vitality	48
Size	44
Shape	43
Early maturing	30
Buying from others	28
General appearance	18
Hogan test	17
Type	13
Health	10
Winter layers	8
No selection	7
Close culling	6
Size of bone	5
Comb	4
Comparison	4
Eye color	4
Line breeding	3
Activity	3
Utility	3
Best hens	2
Selecting males	2
Leg color in May	2
Selecting unrelated	2
Condition	2
Development of feathers	1
Physical test	1
High head and tail	1
Late moulting	1
Common sense	1
Age	1
Gamest	1
Head points	1
Total	523

A close study of the foregoing list indicates that the breeders in general are using some good points in the selection of breeders. It will be observed that by far the largest per cent select breeders by egg production and standard requirements, including color, vigor, size and shape. It also will be noticed that the external characters which can be observed with the eye are used more than egg records which require time and labor. This would indicate that great good can be done in developing simple methods of selecting egg producers.

In order to complete this observation a test was made with two hens as follows: Two White Leghorn hens were selected as typical of high and low egg producers. The high producer had a well developed comb, white ear lobes, bleached shanks, had not molted, and was a good wedge shape. The other had a small pale comb, creamy ear lobes, yellow shanks, had moulted and had a nice coat of new feathers, and the body was small and ill shaped. The two hens were exhibited at the Missouri State Fair and were given to the person estimating most accurately the number of eggs produced by each in 6 months, from January to July. The blanks on which the estimates were recorded contained a space to give reasons for making the estimates. The good hen produced 125 eggs while the poor hen laid 52 during the six months. Approximately 75 per cent of the people over-estimated each of the hens; All estimates averaged missing the good hen 30 eggs each, while they missed the low producer 43 eggs each. Approximately 50 per cent of the people gave reasons for their estimates. All who gave reasons for the estimates averaged missing the good hen 21 eggs while those who did not give reasons missed the record 39 eggs—or a difference of 18 eggs.

The hens were won by a 17-year old boy who raises some Leghorns on a city lot. He estimated the good hen to lay 125 eggs and gave as reason for the estimate a large, red comb and pale shanks. He estimated the poor hen to lay 50 eggs and gave as reasons for the estimate pale comb and yellow shanks.

This emphasizes the fact that there are simple, practical methods of selection for egg production which the average person can use and if these methods are observed, the flock can be culled in such way that the one lot will produce two eggs to one produced by the other. C. T. Patterson.

**The Lay of the Hen**

An egg a day the old hen lays, with which the housewife blithely pays for books and clothes and children's shoes, and Grange and Farmers' Union dues. The old hen pays the rooster's board, she buys the gas to run the Ford; she even buys the old man's cud, and still he meets her with a thud, if in the feed box she should stray, or roost upon his new mown hay. She buys the soap to clean the kids, the sugar and the family lids; she's up the first one in the morn, she's out and bustling in the corn before the old man chucks his snores to call the boys to do the chores. She's always happy at her work, no one can say that

she's a shirk. She don't belong to any club, believes in paying for her grub. She does her work and doesn't care how others comb or curl their hair. She lives to serve and serves to live, gets all she can, is free to give of what the good Lord gives to her. A message from the hen to you is that there are but very few so thoughtless for their own reward, and few who sing and work so hard to make this old world a fit place to live in for the human race.

W. E. Vaplon.  
Colorado Agricultural College.

**The Farmers Should Come**

Noted speakers with messages of real significance and helpfulness will appear on the program of the 46th annual meeting of the Kansas state board of agriculture at Topeka, January 10-12 next.

President A. Ross Hill of the Missouri State University, will discuss a subject pertinent to the advancement of farm life. T. A. Borman, a former Kansan, now with the Beatrice Creamery Company of Chicago, will urge the wisdom of making the farming fit the country, while Cora Wellhouse Bullard of Tonganoxie, will speak of "Rural Permanency." Mrs. Bullard has given this topic deep study and has already taken steps to encourage in her community a better rural life thru improving home surroundings. Her address is sure to prove one of the most interesting and valuable. Charles Dillon, managing editor of the Capper Farm Papers, Topeka, will tell the meeting something about making a modern farm paper. While practically every farmer and stockman has his farm paper, and sometimes subscribes to several, he seldom gives a thought to the

Criminal carelessness. That describes the conduct of a large number of parents toward their children. You see it everywhere. An apparently intelligent and well-dressed woman emerged from a Topeka butcher shop the other day leading a little girl. The child was devouring a link of raw sausage, a food which in its raw state contains millions of bacteria and almost certainly, the germs of tapeworm, and the Lord knows what else besides. Sausage is highly spiced. It is a most indigestible food for a child even when cooked, and is about the worst thing to feed to one in hot weather. \* \* \* Another case in point is a boy just home from a hospital and a dangerous operation for appendicitis. The wound hasn't healed yet, but boylike he wants to ride his bicycle, and pa and ma haven't the heart to refuse him anything he wants whether it kills him or not.

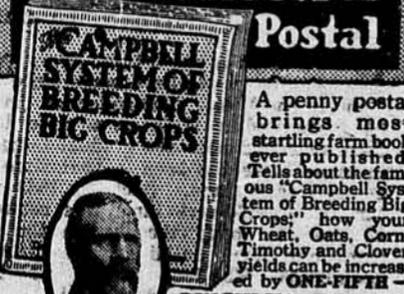
man behind the paper and its making. Mr. Dillon's address will assist to a better appreciation of the men who are responsible for the character and quality of the farm press. They have their problems and perplexities, too. The farm press is such a vital factor in farm progress, the people it serves should be brought in closer relationship with this important agency for good by having a more intimate knowledge of the methods and determine the character of our agricultural journals.

Announcement of other speakers will be made later, as the program shapes up. Dairying, the farm flock, agricultural expositions, standardization of rural schools and other timely subjects will be handled by competent authorities. "No farmer in Kansas can afford to miss this meeting," says Secretary J. C. Mohler. "He will be well repaid by attending. Everybody is invited and everybody is welcome. At meetings of this character the discussions following addresses prove a most valuable feature, and it is in these that we expect those attending to participate to bring out facts by imparting or seeking specific information.

"This is the farmers' and stockmen's convention. It is theirs. All we do is to prepare a formal program of competent speakers to introduce subjects. Anyone may inject any topic he may desire, and we not only want the farmers to come, but we want them to take part in the proceedings."

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**Make the Cows Work All Year**

The best results with milk cows demand that the milk flow be kept up during the winter as well as during the remainder of the year. A herd that is allowed to drop in this particular when winter comes on not only lowers its profit at that time, but is hard to bring back when winter is over. Reports received by the dairy department of the Missouri agricultural experiment station show that average cows in the best managed herds of that state often produce two or three times as much butter during the year as does the average dairy cow of the state. This difference results largely from the fact that these herds continue high in their milk production during the winter.

A good milk flow results largely from careful feeding, altho shelter and other phases of management also are important. The man who is getting poor results usually is feeding timothy hay, corn fodder, and corn, and perhaps not enough even of these. The man who is getting good results has learned that such a ration will not enable a cow to produce milk enough to make it profitable. It is not necessary to buy large quantities of expensive feed to make a good ration, as it all can be grown on the farm. If the proper ration is not at hand, however, it usually will pay to buy something suitable, or possibly trade some of the feeds on hand for others which will give better results.

The man who gets good results with cows feeds clover, alfalfa, or cowpea hay for the roughness, takes care that the cows have plenty of it, and, if he has some corn fodder, feeds some of this in addition during the day. If hay of this class is fed, it is all right to feed a considerable quantity of corn for grain.

The feeds which generally are fed in this section may be divided into two classes. The first includes those lacking in protein. They are used mainly to produce fat and do not have protein enough for milk production. In this class we have corn, corn fodder, timothy hay, straw, millet, and sorghum. The second class of feeds includes those which contain more protein to supply the food necessary to produce milk. In this class we have clover, cowpea and alfalfa hay, bran, oats, cottonseed and linseed meal. A good daily ration will include feeds from both of these classes and it is impossible to make a suitable ration by feeding those in the first class only. A good ration for a cow producing from 24 to 28 pounds of milk a day, would be all she would eat of clover or cowpea hay, 5 to 6 pounds corn, and 3 to 5 pounds bran or oats. Another fairly good ration for an ordinary cow is all she will eat of alfalfa or cowpea hay and 8 to 12 pounds of corn. Still another is clover hay as before, corn 6 to 9 pounds, and cottonseed meal, 2 pounds a day. These rations will be improved in every case by feeding corn silage.

C. H. Eckles.

**Do You Keep Cows for Fun?**

Not more than one-third of the dairy cows in the United States are profitable to their owners. It is probable that there are 10 million cows being milked in the United States whose products bring less than the feed they consume would sell for. Besides supplying the feed, the owners have to milk them 14 times a week, feed, water and care for them and care for their products and lose the interest on the money invested in the business. A high price to pay for the pleasure of the society of such cows.

A farmer whose living depended on his dairy herd came to me and said that he, his wife and his children worked harder than people had any right to work and they were making only a bare living. He thought it might be because he did not have the right kind of cows. He asked me to inspect the herd. He was milking 14 cows. He had one cow that properly handled would produce \$75 worth of butterfat a year at a good profit. The other 13 were the type of cows that the best dairy expert in the United States could not handle so as to make them even pay for their feed. When shown the type of cow that makes money in the dairy, this farmer said that he could fatten the 13 poor cows and sell them for enough money to buy 13 like his one profitable cow. There are many, many such herds in every county where there is dairying.

A man who is in earnest can learn in half a day how to select dairy cows from which money can be made. He can

get this information from the manager of a dairy farm that is making good profits, or from a dairy expert at a farmers' institute or short course. It is hard to understand why a farmer will struggle along for years with a poor paying herd when it is so easy and takes so little time to learn to select profitable cows—but tens of thousands of them do. Herds actually have been found where the products brought \$15 a cow a year less than the feed would have brought. The right type of cows, well managed, will bring a yearly return of \$75 to \$100 and from one-third to one-half will be profit.

H. M. Cottrell.

**Short Courses Next Month**

Short courses in traction engines, gas engines, blacksmithing, machine shop work, and other subjects in rural engineering are expected to attract more than 300 students to the Kansas State Agricultural college January 8 to March 21. Of those who completed short courses in 1915 and 1916 some have increased the yield of their farms by the use of traction engines, while others have increased their earning capacity by working as experts for farm machinery concerns, in automobile repair shops or as contractors.

The course in traction engines includes instruction in handling and repairing steam traction engines, gas engines, and gas traction engines; blacksmithing; machine shop work; and drawing. Opportunity also is given to take electives in such agricultural subjects as crops, livestock, and farm management. Those desiring electives in practical electricity, carpentry, or power farming machinery, will have an opportunity to take such subjects.

The short course in concrete construction is designed for builders, contractors, farmers, and others who wish to do their own concrete work or to increase their knowledge of this subject. The course in shop work is intended for those who wish to gain a working knowledge in general shop practice. This course includes instruction in blacksmithing, foundry, shop work, carpentry, and wood turning.

A 10-week short course also is offered in road building, irrigation, and drainage for the benefit of county engineers and surveyors.

**Livestock Has a Place**

Here are the words of a well-posted man who has traveled in all parts of the United States: "Show me a country without livestock and nine times out of 10 you show a country of farmers poor financially, often a country of tenants moving once a year, a country of weedy fence rows, unpainted buildings and poor roads, a country where money is scarce and rates of interest high, a country of declining towns, real estate for sale at a low price and the soil growing poorer. This is enumerating a lot of evils but most or all of them are to be found in the absence of livestock."

A banker who deals with farmers said at a bankers' conference: "The farmer who settles on some of the rougher cheaper lands, keeps good livestock, has pastures and rotates crops will in 10 years have a mortgage on the farm of the man who settles on the level, fertile lands and goes into the cropping business without livestock."

We talked recently with a man who had spent some time in one of the best dairy counties and also in one of the counties of the state where crop farming is the more common. He summed up his observations thus: "In the cow sections evidences of prosperity were on every hand—fine big buildings, silos, good fences, rich pastures, and pretty good roads, too. In the crop county evidences of prosperity were not the common thing; too many buildings without paint, too many fences half down, and too many weeds in the crops and elsewhere."

Such testimony comes from all sides and still many farmers either won't believe it or are so situated that they can't keep livestock if they do believe it. It would be foolish to say that successful, profitable farming is impossible without livestock, but according to experience it is not the sort of farming that becomes successful and profitable for any large number of farmers. We must judge by the average—not by the individual.—The Farmers' Review.

Ten thousand cows graze within the limits of New York City.

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**DE LAVAL**  
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This is true whether you have no separator, or an inferior make of machine, or even an old model De Laval machine.

The waste of butter-fat is relatively greatest in winter, either with gravity skimming or a poor separator.

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There can surely be no good reason to delay the purchase another week, and if it may not be convenient to pay cash it may be purchased on such terms that the machine will easily pay for itself.

See your De Laval agent immediately, or, if you don't know him, address the nearest De Laval main office as below for any desired particulars.

**The De Laval Separator Co.**  
 165 Broadway, New York 29 E. Madison St., Chicago  
 50,000 BRANCHES AND LOCAL AGENCIES THE WORLD OVER



**Here's Where it Tells-**

It isn't a question of sentiment whether or not your cows are in the pink of condition—but it does make a big difference in your bank account. Since you are keeping cows for milk instead of for meat, better see to it that their milk-producing organs are kept working normally.

At the first sign of decreasing milk-flow, look for the cause. Ten to one it is due to some trouble with the digestive or genital organs, and such disorders are best set right by the use of Kow-Kure, a cow medicine backed by twenty years of success. Try Kow-Kure on your poor milkers and watch results. Hundreds of doubting cow owners have been convinced that this old remedy has no equal for the prevention and cure of Abortion, Barrenness, Retained Afterbirth, Milk Fever, Lost Appetite, Scouring, Bunches, etc. Buy Kow-Kure from your feed dealer or druggist; 50c. and \$1.00.

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Gentlemen: Enclosed find \$.....for which please send the magazines listed in Offer No.....to the following name for one year and Art Picture free.

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### Try Your Hand at Candies

BY MRS. DORA L. THOMPSON,  
Jefferson County.

There are few Christmas gifts that small children can assist in making. We have tried making baskets, boxes, pads, calendars, scrapbooks and candy and we all enjoyed the candy making most. The children help in picking out nut meats, filling dates, shaping balls for chocolate drops and the like. Our recipes are from many sources and we have practiced until we have learned a few tricks of the trade.

Cooked fondant is the basis of most cream candies. The average cook who tries to make fondant and finds it turns to sugar is likely to give up with her first effort when the chances are she neglected to take the precautions suggested to prevent graining. A few grains of sugar on the platter have been known to turn a fine batch of fondant into a sugary mess.

For white fondant use 4 cups of granulated sugar, 2 cups of hot water and 1 level teaspoon of cream of tartar which should be added after the sirup is boiling. Stir over a moderate fire until boiling begins, then cover the saucepan for a few minutes to soften grains of sugar that may adhere to the sides. Wipe off the softened grains with a small piece of clean muslin tied around the end of a fork, taking care to keep the cloth and fork out of the sirup as it must not be stirred or rudely shaken. Now boil more briskly over a quick fire, using the cloth as needed, until a few drops of the sirup tested in cold water will form a soft ball which retains any shape it is pressed into.

Pour the sirup carefully into a wide, ungreased pan and put it in a cool place. When it is almost cold, stir vigorously with a large spoon or wooden paddle until it is too thick to stir, then knead it with the hands. This is best when left overnight in a bowl covered tightly. When it is put away it should be a mass of pure white cream looking like lard and as firm as hard butter.

Maple fondant is made in the same way but the ingredients differ. They are 4 cups of brown sugar, 2 cups of maple sirup, 2 cups of hot water and 1 level teaspoon of cream of tartar.

**Cream Loaf**—Color part of the fondant pink with fruit juices or confectioner's coloring. Chocolate may be worked into another part and chopped candied cherries or nuts into another. A layer of the white, then one of pink and another of white followed by the brown, all pressed firmly into a loaf, makes fine slices.

**Chocolate Drops**—Flavor parts of the white fondant by working in a little vanilla; lemon, orange, pine apple, wintergreen, peppermint, raspberry or strawberry. Shape into balls, using a little cornstarch on the fingers to prevent the cream from sticking. The balls should stand an hour or so to harden. They may then be dipped into sweet or bitter chocolate melted in a dish set in hot water. A hatpin is an excellent tool to use in dipping. After the whole ball is covered, push it carefully off the pin on a sheet of waxed or buttered paper. Nuts or candied fruits may be placed on top before the chocolate hardens, or the fondant may be molded around the nut meat and then dipped in the chocolate.

Fondant may be melted as the chocolate, flavored and colored and used for dipping centers of plain or maple fondant. After dinner mints are made by dropping peppermint flavored melted fondant on waxed paper in pieces about as large as a quarter.

**Marshmallows**—One box of unacidulated gelatin, 1 cup of cold water, 4 cups of sugar, 12 tablespoons of hot water and a pinch of cream of tartar. Soak the gelatin in the cold water in a large crock while the other ingredients are cooking. When the sirup threads well, pour it boiling hot over the gelatin and beat constantly for 25 minutes. Flavor with 1/2 teaspoon of vanilla and pour into a pan lined with paper and sprinkled well with powdered sugar mixed with cornstarch. Let stand for an hour, cut in squares and roll every piece in powdered sugar.

**Peanut Brittle**—Boil 1 cup of molasses, 6 cups of brown sugar and 1 cup of water until it hardens when dropped in cold water. Add 3 pints of shelled peanuts and boil 2 or 3 minutes longer.

Then add 2 heaping tablespoons of butter, remove the candy from the fire and stir in quickly 1 teaspoon of soda. Pour out at once on buttered plates.

**Chocolate Chips**—Boil together 1 cup of brown sugar, 1 cup of molasses, 1 tablespoon of butter and a pinch of soda until it forms a hard ball when tested in cold water. Pour into buttered plates and when partly cool, pull until a light brown. Cut into small squares and while they are yet warm, roll with a buttered rolling pin into very thin strips. When quite cold, dip every piece into melted sweet chocolate and place on waxed paper to harden.

It is well to remember that in candy making the sirup which is boiled rapidly will make a harder, more brittle candy than that boiled more slowly, also that cream of tartar should not be placed in candy mixtures until the sirup is boiling.

### A Small Boy's Suit

Russian blouse suits are the correct dress for small boys these days. The



6054

pattern shown here, 8054, is cut in sizes 2, 4 and 6 years. It may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents.

### Lest They Forget

Hunt out the little lame girl,  
The poor boy who is blind;  
Hunt out the weary widow,  
Who thinks the world unkind;  
Search down among the hovels  
Where gladness seldom strays,  
And teach the doubting people  
There still are Christmas days.

You have been busy planning  
To spread your gifts afar,  
To add your fair love-tokens  
Where joys and comforts are,  
But have you in your gladness  
Bestowed one kindly thought  
On those who sit in darkness,  
Whose crusts are dearly bought?

Your heart is full of kindness,  
You hear the anthems sung  
And gaze up at the windows  
Where ribboned wreaths are hung;  
You've heard the sweet old story  
With reverence retold—  
But there are hungry children  
Where all is dark and cold.

Hunt out the little lame girl,  
The poor boy who is blind;  
Hunt out the weary widow  
Who thinks the world unkind;  
Go down among the victims  
Of chance and greed and crime  
And cause them to remember  
That this is Christmas time.

### How About a Vacation?

Summer isn't the only time for a vacation. Because vacations originated in the cities, where business is usually duller in summer, people have got the idea that a winter vacation is something extraordinary, says the Kansas Industrialist. In the East, however, the winter vacation has become a commonplace. It is estimated that last winter, 750,000 farmers and their wives spent winter vacations in New York alone.

In the West the winter vacation has not grown so popular, tho winter is, here as in the Atlantic states, a period of comparative idleness on the farm. It is a chance for a vacation—for a visit to one of the stock shows, for some work in an agricultural college, or for merely a pleasure trip to some big city. The farmer and his wife are entitled to a vacation as much as anyone else.

By a newly discovered process casein can be obtained from milk by electrolysis.

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working spare time or steady in your own locality for largest concern of its kind in the world. Not necessary to be away from home nights. No previous experience necessary. Work consists in leaving in homes on free trial a wonderful new household necessity needed in every rural home. Awarded Gold Medal, Greatest Invention of the age. Tested by the U. S. Bureau of Standards and thirty leading universities in comparison with article now in general use, and found to be four times as efficient. Benefits every member of the family; brings cheer and happiness to the home. No investment or bond necessary. Christmas, Wisconsin, says: "I have never seen an article that sells so easily." North, Iowa, says: "50 per cent of homes visited bought." Phillips, Ohio, says: "Every customer becomes a friend and booster." Kemmerer, Minn., says: "No flowery talk necessary. Sells itself." Send your name and address, stating your regular occupation, care, married or single whether you have rig or auto whether you wish to work spare time or steady, how much time you have to devote; when you can start working (must be convenient for you to work in. Sample sent for free trial. A. J. SMITH, Sales Mgr., 126 So. Halsted St., CHICAGO

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402 Capital Building, Topeka, Kan.

# Make It a Snowball Party

Even in Decorations Your Christmas Entertainment May be Different

BY EMMA L. GOAS

SOMETHING new is the cry of the age, even at Christmas, and we may as well have it. Begin with the decorations, leaving out red altogether and substituting snowballs in its place. The effect is charming.

Let ropes of greens, brushed with mucilage then sprinkled with salt, hang in festoons from the center of the room to the picture molding or windows. Attach them with bunches of mistletoe or branches of salted pine with a cluster of snowballs of cotton or wool. Powdered mica may be dusted on the woolly balls to make them more realistic. Green paper Christmas bells may be hung from the center of the ceiling and from the window shades. Make the clappers of cotton snowballs. Hang tinsel cords with a snowball on the end of each in the doorways for portieres. If the entertainment is in a church or school-house, similar portieres may be hung from the ceiling or a curtain wire in front of the stage.

Many possibilities will suggest themselves for a snowball party wherever it may be given. If there are invitations, they should be written in green ink on circles of white paper. Many snowflake songs, recitations

You'll find a great big parcel there. Pinned to a curtain not far away Your little gift was hidden today.

Your gift is so tiny that it lies In a dish of the very smallest size.

Refreshments may include chicken sandwiches cut round with a cookie cutter, salad made of balls of cottage cheese mixed with chopped olives, nuts and pimientos and garnished with parsley or lettuce, fruit gelatin covered with whipped cream so it resembles a ball, round cakes baked in muffin rings and iced in white, popcorn balls, white and green mints and tiny sticks of white candy to resemble icicles.

### Think Before You Give

Let your Christmas gifts in some way symbolize your love, for a gift without love is a farce. This blessed season must not be desecrated with the present of duty or policy. You have heard it often, but it bears repeating—never give beyond your purse. That kind of giving brings no cheer. The measuring scale used at Christmas is love and not money value.

Put a bit of your own



and drills can be found for the school or church entertainment. For the drill, rubber balls covered with white cotton flannel and attached to the children's wrists by white elastic cords may be used.

Guessing games may form part of the entertainment either at the school or at home. For one of these have written lists of about 20 questions to give to the guests. The answers should be compounds of the word snow. Here are some examples.

Name Whittier's best known poem. (Snowbound)

What opens roads in winter? (Snow-plow)

Other words which may be used are snowshed, snowshoes, snowslide, snow-storm, snow drop, snow pudding, snow-bird, snowbank and Snow White, the well known fairy tale character.

A similar ice contest will be fitting. The words forming the answers end in ice. Some questions follow:

What ice is cut? (SI-ice)  
 What ice frightens women? (M-ice)  
 What ice is an evil? (V-ice)  
 What ice is used in cooking? (Sp-ice)  
 What ice repeats itself? (Tw-ice)

Other questions may be asked which require these words for answers: Entice, edifice, dice, malice, cowardice, Venice, price, dentifrice, rice, advice and sacrifice.

### Next Comes a Snowball Throw.

At a party given in a home, white covered balls may be thrown thru an evergreen wreath by the guests in turn, each standing a certain number of feet away and throwing lefthanded. A ball sent thru the wreath counts 10 and the player who first scores 50 points wins and may receive the wreath as a prize. Next let two leaders choose sides and station each side 4 feet from a cord stretched across the room. Give a fan to every player. The hostess then throws a ball of cotton and the players toss it back and forth across the cord with their fans. Should the ball fall, five points are scored against the side on which it falls, and the side first losing 30 points is defeated.

If gifts or souvenirs are to be distributed, a small boy masked and costumed as Jack Frost may roll in a huge snowball made of wire and covered with cotton and white paper. He opens it in the center of the room and presents the packages to the guests. The parcels should be wrapped in white and made as nearly circular as possible. Children will enjoy receiving circular white cards on one side of which is the name while on the other side is a verse such as one of these:

Take a look behind a chair,  
 You'll find your present hiding there.

Back of a picture hanging near,  
 You'll find your gift, so persevere.

On the shelf of a closet search with care,

individuality into every gift. Let your messages express your own thoughts and not be formal phrases. White tissue paper, tags and cards and tinsel cord or ribbon for wrapping cost very little but they add much to the gift. Out of crepe paper or scraps of ribbon, silk and lace, make tiny sachet bags to slip into every package. A small bottle of good sachet powder goes a long way and the faint perfume enhances the daintiness of your gift. If your gift is homemade, see that there are no thread ends or basting left and no soiled spots.

Use plain, strong paper and stout cord for the outside wrapper if your gifts are to be sent thru the mails and write your "to and from" distinctly for poor old Uncle Sam is taxed to the uttermost at this season.

Remember to say thank you not in a stereotyped way, but direct from the heart. Let your friends know you appreciate their gifts and their love, and let them know it soon, for it is important that we be gracious receivers as well as givers. Mary S. Whitsett, Greenwood Co., Kansas.

### Fried Down Roasts Keep Well

If beef, pork or mutton is fried down properly it cannot be told from fresh meat when it is served. Remember fresh meat should be well seasoned, properly cooked and have all the bones removed before it is packed in the jars and covered with lard. Have the grease smoking hot when the meat is put into the frying pan, sear it on all sides to keep in the juices, then reduce the heat and cook slowly until the meat is thoroughly done. Roast beef or pork will retain its flavor if you roast it until well done, take out the bones, place the meat in a jar and cover it deeply with lard. When the meat is wanted for serving, set the jar in the oven until it is warm and the roast will come out whole. Lard used for packing down meats may be heated and strained and used again the same as fresh lard. Lydia Smyres, Cherokee Co., Kansas.

### Novel Candy Boxes

Novel candy boxes for the holidays may be made from oranges. Cut the orange in half, remove the pulp to use for salads or fruit gelatin, and fill the shells with candy, nuts, popcorn or raisins. Put the two halves together again and seal the orange with paraffin. Tie a green ribbon around each and hang them on the tree or put them around at the places at the dinner table.

Keep a bottle of lime water and olive or sweet oil in the medicine chest, to put on burns. Cover with cotton.

## \$200. in Cash Prizes

A first prize of \$100 will be awarded for the best letter giving reasons for using Royal Baking Powder or Dr. Price's Cream Baking Powder.

Ten prizes of \$10 each for the next ten best letters.

A cook book containing several hundred practical recipes will be mailed free to each contestant.

### Conditions

1—Letters must not contain more than 200 words and must be received before Feb. 1, 1917.

2—Contestants must be users of Royal Baking Powder or Dr. Price's Cream Baking Powder at the time or before sending the letter.

3—Each letter must name the paper in which this advertisement is seen.

Address all letters to:

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**Here is What You Get**

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All we ask of you for this 224 piece Xmas package is your subscription to our big story and family magazine for one year at 30 cents. New or renewal subscriptions accepted on this offer. Address The Household, Dept. X102, Topeka, Kansas

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highest prices at all times. Write for price list now. **J. A. TAIGHERT & CO., Exporters of raw furs, E. LAS VEGAS, NEW MEXICO.**

### Sunday School Lesson Helps

BY SIDNEY W. HOLT.

Lesson for December 24. Unto Us A Son Is Given. Isa. 9:2-7.

Golden Text: For unto us a child is born, unto us a son is given; and the garment shall be upon his shoulder: and his name shall be called Wonderful, Counsellor, Mighty God, Everlasting Father, Prince of Peace. Isa. 9:6.

The greatest era in the history of the world began with the coming of the Son of God into the world. In our last three lessons we have had the vision of St. John concerning the Glorified Son in His ever increasing power. Our Christmas lesson has to do with another vision, one made known to the Jewish kingdom nearly 800 years before the birth of Christ, by the prophet Isaiah.

Isaiah was the son of Amoz. With his wife and children he lived in Jerusalem. His intimacy with the kings, Jotham and Hezekiah, show his high rank. There is a tradition that he was of royal blood. Whether he was we do not know, but we do know that he was a man of importance and influence in the kingdom of Judah, and one of the greatest prophets the world has ever known. His long life was spent in hope and faithfulness and fellowship with God.

The Assyrian king, Tiglath-pileser III, was attacking Syria and the Northern tribes of Israel. In Jerusalem waited and watched the trembling King Ahaz of Judah. He had gone against the wishes and warnings of Isaiah in making images to Baal and establishing the moral abominations of that heathen worship. He had also taken the sacred vessels of the temple of God and sent them to the King of Assyria as a bribe. The temple was closed and heathen altars were built all thru the city of Jerusalem. King Ahaz went so far in his fright and fanaticism as to burn his own child as a human sacrifice. Was it any wonder that the nation of Judah walked in darkness and the valley of the shadow of

Kansas and other mid-west folks who watched things, will note with satisfaction that when Kansas City, Kan., and Wyandotte county made a clean sweep of a bunch of corrupt politicians that had dominated them for 10 years of misrule, they also helped to retire Taggart, a packer congressman, and made McCamish, a Capper appointee who fought the Missouri beer peddlers to a standstill, one of their judges. Incidentally, they went strongly Republican, gave Governor Capper 5,000 plurality, then turned right around and voted a plurality of 4,000 to Wilson—the people voting evidently just as they durn pleased.

death? They could look northward and see the terrible things which were taking place as the tribes were made desolate by the wild soldiers of Syria and Assyria in their battles. The people in their panic plunged deeper and deeper into morbid forms of worship and sought help in every place but the right one.

Then follows the murky picture of the procession of the Israelites going into captivity. In this moral darkness and captivity of Israel we have a symbol of all the sins and crimes which darken the world at all times and bring the desolation of wars all thru the ages.

Historically the length of the period of darkness is unknown. The Assyrians finally captured Samaria and carried away its inhabitants into captivity and Judah was left in peace. Then Ahaz died and his son Hezekiah succeeded to the throne. Idolatry was banished and the worship of the true God re-established.

With what joy the prophet Isaiah must have watched and preached thru the dawning rays of the return to righteousness! The great light removed ignorance and brought health and new life and all the blessings of love that God bestows, but their greatest joy was Isaiah's vision of the promised Messiah, a Saviour promised again and again during their entire history.

The little babe born in the Bethlehem stable is the most wonderful event of all our lives. His coming was a wonderful manifestation of love. To be guided by His council and wisdom is to be led

aright. As Jesus was truly divine He has control of all the forces in the universe and is Mighty God. But we do not want to emphasize the greatness of God so much that we are inclined to fear Him more than we love Him, for it is only thru our love that we can reach the realization of the everlasting Father. Jesus the Prince of Peace bringeth perfect harmony between man and God and peace to the soul itself.

The visions of Isaiah and St. John complete each other. The expected Saviour of the world is the babe of Bethlehem and the babe of Bethlehem is the Glorified Jesus, whose kingdom is the new heaven and the new earth.

Christmas in lands of the fir tree and pine, Christmas in lands of the palm tree and vine, Christmas where snow peaks stand solemn and white, Christmas where cornfields lie sunny and bright, Everywhere, everywhere, Christmas tonight!

For the Christ-Child who comes is the Master of all; No palace too great—no cottage too small; The angels who welcome Him sing from the height, "In the city of David a King in his might. Everywhere, everywhere, Christmas tonight!" —Phillips Brooks.

### Spread the Manure

Most Kansas farmers recognize the value of manure in maintaining the fertility of the soil, but few take the proper precautions to prevent losses in this valuable byproduct. R. I. Throckmorton, associate professor of agronomy in the Kansas State Agricultural college says: "The manure should be hauled out and spread on the soil as soon after being formed as convenient—the sooner the better," said Professor Throckmorton. "If manure is allowed to stand six months it loses more than 60 per cent of its plant food value.

"Manure may be stored in a manure pit conveniently near the barn. The pit need not be expensive. It may consist of a cement floor and cement sides two or more feet high. The dimensions will of course depend on the amount of manure formed on the farm. Such a pit retains all the excrement with a small loss in food value. It need not be covered."

Not only are many large stacks of manure accumulating on too large a number of farms in this state, in the opinion of Mr. Throckmorton, but some farmers have invested in costly equipment in the way of tracks, trolleys, and sewers to dump the manure into adjacent creeks and rivers.

Such a practice is both dangerous and wasteful—dangerous because it pollutes the streams and shallow wells for the farmer farther down the stream, forcing him to use impure water, and making it easy for the spread of contagious diseases; wasteful because plant food is being placed where it will be lost instead of being returned to the soil which produced the plant. The time is not far distant when the farmer will hold in high regard his predecessor who conserved the available food supply both for himself and for posterity.

Spread the manure as it is formed, and spread it evenly, advises Professor Throckmorton. Much of the manure distributed is put on the field too unevenly and too thickly. If spread too thickly it will "burn" and thus lose its nitrogen and have a harmful effect where it is put on growing crops. Five to 10 tons to the acre is a sufficient amount for all but the very poorest soils. Many farmers are putting 15 to 20 tons to the acre when greater results might be had with one-half the amount that they are using.

### Making Better Housekeepers

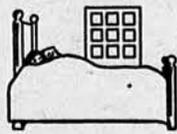
The high cost of living is not a difficult problem to the students and housewives of Kansas who are availing themselves of the new "Home Makers" course offered this year at the Normal School at Emporia. Night and day classes are held, most of the town women availing themselves of the night work.

The course is not a scientific, but a general survey. It does not require a knowledge of chemistry or a high school course in cooking. The work covers a broad field and gives practical demonstration in every line of home making. Included in the course is a study of different foods and food values, of meal planning, preparing and serving, and of problems in food prices, home planning, of the care, location and management of the home, interior decoration, and of the care of the family.

# Christmas Fun in Sweden

During the Great Festival Everyone is Eager to be Kind and Liberal and even the Animals are Not Forgotten

**JUL** IS the great festival of the year in Sweden. The festivities begin on Christmas Eve—Julafton—and continue for 13 days. Since early autumn everyone has been sewing and embroidering beautiful presents. Among young girls there is a custom that one night before Jul they sit up the whole night and sew. This is looked forward to as a special pleasure, and two or three friends are invited to join the party.



rhymes written on the parcels. The old woman hands the parcels to those to whom they are addressed, and then there is much guessing as to who the donors may be.

When the presents have been duly admired, refreshments are brought in, such as fruits and candies. After this there are games and music and then all join hands and dance in a ring around the tree, singing lustily. Between 9 and 10 o'clock the company sits down to a Christmas supper. The first course is lut-fish, which is ling or cod-fish, especially prepared weeks before in lime. When cooked and ready, it is white and transparent, almost like a jelly. Seasoned with pepper and salt, and eaten with potatoes and melted butter, it is delicious. The next course is always pig in some form or other, either head or ham. Then a large fat goose is served and last of all comes the all important rice-porridge, in which is hidden an almond, and whoever gets it will be lucky for the next year. From the king's palace to the peasant's hut there is the very same kind of supper and however poor people may be, they always find means for a small Christmas tree.

A few days before Christmas the streets begin to be crowded and young and old through the shops. In the market-place there are stalls containing all sorts of things—toys, clothing and confectionery. Among the latter are special ginger-cakes in the shape of animals, especially pigs, to commemorate the old boar that was sacrificed in heathen times. These stalls are much patronized by the country people.

### A Season of Generosity.

Rich and poor, during Jul, are eager to be kind and liberal to their family and friends, remembering each member with some token. Even the animal world is not forgotten. Horses and cows get a special feed, and on every house in the country, as well as many in the towns, a pole is erected, on which is fastened a sheaf of unthreshed grain as a treat for small birds that, in this hard season, have great difficulty in getting food. There is a saying in Sweden that on the anniversary of the coming of our Lord into the world all creatures should have cause to rejoice.

Within doors great preparations are being made. Servants are busy cleaning and scrubbing everything that can be scrubbed. In the kitchen a great amount of cooking is taking place, and six or seven kinds of bread are baked, as, in the country, each servant and tenant is presented with a pile of special Jul-bread.

Jul at the present day, as in olden times, is a great festival with the Swedish peasantry. They have a special reverence for this season. No work that can be avoided is done on this day.

There is a belief which has existed for ages, says William Liddle in "Peeps at Many Lands," that, during Christmas, there is a second of time when not only the sun itself, but everything movable in creation, becomes stationary, and in consequence, at that particular moment, which no one can foretell, if a person should be occupied in any way, that which he is then about is sure to go wrong.

### Dipping in the Pot.

On Christmas Eve, to show good feeling in a practical way, it is customary for the whole family to assemble in the kitchen, where a large pot is boiling containing ham and sausages highly spiced. Mingling with the servants, each one walks along plate in hand, and taking a slice of Christmas-bread, dips it in the boiling fat in the pot, and they all eat together. This is called doppa i grytan (to dip in the pot).

In the afternoon the older members of the family decorate the Christmas tree, and the children are not permitted to watch them. Bright golden and silver stars, colored glass globes, and confections are hung on the tree, as well as baskets made of colored paper, containing raisins and almonds. Then, to every branch and twig, a taper is fastened. The national flag waves from the top, and the other nations are represented by smaller flags fastened here and there over the tree.

When all is ready, and the many tapers on the tree are lit, as well as the chandeliers and lamps in the room, the great moment arrives for the children. When the door is opened they rush to gaze at the beautiful tree, which rises from floor to ceiling, a mass of light and beauty. Before long the door opens, and a small old man and woman enter. These are the Christmas gnomes. The man has a long white beard and a red cowl, and carries a bell in his hand, which he rings, and the old woman carries a large basket containing parcels neatly tied up and sealed, addressed to different persons, but without the names of the givers. Often there are poetry and amusing

### A Russian Custom

Russian children fill their shoes with hay and put them outside the door for the horses of St. Nicholas. They believe that St. Nicholas comes first on a preparatory visit 10 days before Christmas to learn which children have been good. Then on Christmas he leaves nuts and candy in the shoes of those who have been good, but nothing for those who have been bad.

### Ever See a Bran Pie?

In England the Christmas gifts are hidden in a large pan of bran. A string is tied to each package, and on the end of the string is the name of the one for whom the package is intended. When all have their strings they pull the presents out and have great fun shaking off the bran and guessing what is in the packages.

### What are the Six Words?

These sentences represent six words beginning with "car." See if you can guess them. A package of postcards for the first five correct answers received. Address the Puzzle Editor, the Farmers Mail and Breeze, Topeka, Kan.

1. This car, the red or pink or white, Keeps always the whole state in sight.
2. And this, tho useful to all mankind, With the children's friend we always find.
3. And this is of wool or cotton a roll, When accompanied by the bell's low toll.
4. This is a vegetable—good to eat, too— Tho likely to decay, a fact ever in view.
5. This is a bottle; sad to relate, It always has a youth for a mate.
6. This is a game the Scotch oft play, With a heap of sticks, most any day.

### What a Wireless Did

A Maine boy with a wireless outfit made a state-wide sensation on the afternoon of election day in that state last month. He lives on an island 20 miles off the coast, but the returns that he sent to press headquarters were the first to arrive from any of the 635 voting precincts in the state. This island has always been one of the last places heard from in past elections.

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**Special Hyatt bearings in transmission.**

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Clutch—Dry disc type	Frame—7-inch depth
Tires—32 x 4 (nonskid in rear)	Ignition—Remy distributor (Wiltard 80 ampere hour battery)
Axles—Timken	

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Seven-passenger touring	1350
Two-passenger roadster	1070
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and return to me within one year if not perfectly satisfactory. Remember we manufacture in our own factories and sell direct from factory to farm. Remember that no spreader is as good as the Galloway that does not have these modern improvements, and remember again that other spreaders can't have them because they are patented Galloway features and can be found on no other spreader.

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WM. GALLOWAY CO., Waterloo, Iowa. Gentlemen:—I want to thank you for your courtesy and square dealing in my purchase of a manure spreader. No. 8 that you shipped me. It is giving me the best of satisfaction. I have been in active business more than 25 years and I wish to say never received more kind or fairer treatment than I have from your house. Some people say money can buy, and by buying from you I kept \$30.00 in my own pocket which is the nearest home I can keep. Some said that a 66 bushel machine was too large, but I am using mine on a team that weighs 1,800 lbs. with perfect satisfaction. Very truly yours, Mr. Wm. H. Adams, R. 1, Pound, Wis.

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## TOM McNEAL'S ANSWERS

Will you please inform me whether there is now any duty on wheat and corn shipped into this country from foreign countries, especially Canada and the Argentine republic? F. C. J. Valley Center, Kan.

Both wheat and corn are on the free list. This applies of course to grain shipped from both Canada and the Argentine republic.

Is there any free homestead land in Western Kansas? F. B. Lyons, Kan.

There are still a few tracts of government land in Western Kansas subject to homestead entry. If you will write the registers of the land offices at Topeka and Dodge City you can get a list of these lands.

A widower who had 320 acres and two children, died about four years ago without a will. One of the children, a married woman, lived with her father on the farm at the time of his death. I am told the other child, a man, left home many years ago and his address is unknown. Is it safe to buy 10 acres of said 320? I am told that the case went thru court, and that the title to the said land is now clear. J. L. Coffeyville, Kan.

If there was no flaw in the court proceedings in the action to quiet title it probably is safe to buy. Before accepting a deed, however, it would be well to have a competent and reliable abstractor examine the title carefully.

### Eagles Protected.

Is there any law against shooting eagles to stuff? READER. It is unlawful to kill, destroy or take into captivity the bald or American eagle. No penalty is prescribed for killing the gray eagle.

### No Ownership Rights.

A man owns a farm in Wisconsin. He has four children. The oldest son marries and moves to the said farm. The father purchases a residence in town and moves there immediately after the son's marriage. The son pays a small rent for the farm and has lived there for 20 years. Can he hold said farm after the father is dead simply because he has always lived there? A. G. No.

### Must Provide Shelter.

A rented a farm from B in 1914 for three years. In July, 1916, the house burned and B refused to rebuild or provide a place in which A could live. Would A be entitled to damages from B?

There is a pasture on the place but no water in the pasture. When A was compelled to move off the place he could not use the pasture. Would he be entitled to a reduction in rent on that account? J. G. W.

The dwelling house undoubtedly was part of the consideration for which A paid his rent. If it was destroyed by fire thru no fault of his then the owner would be required to provide some sort of a dwelling to take the place of the one destroyed. If he refuses to do this I am of the opinion that A has a right of action for damages.

If he remained on the farm he has a right to ask a reduction of the rent.

### Paid in Full.

A says B owes a certain amount. This B denies and is able to show that he has paid it. B does, however, owe A a small amount in payment of which he sends A a check and writes on the back of the check, "Paid in full to date." Can A erase the words "paid in full to date" and endorse the check and have it paid? M. F.

The words "paid in full" written on the back of the check by B do not affect the validity of the check. If, however, A should endorse the check without erasing these words it might be held to be an acknowledgment on his part that his claim against B was satisfied. He had a right to refuse to do this and I am inclined to the opinion that he had a right to erase the words and cash the check. It is, however, possible that if the matter were brought into court, the court might hold that the check was tendered by B only on the condition that it be accepted as payment in full by A and that if A was unwilling to accept the check on that condition he must return it to B.

### Township Obligations.

Have the people of one township a right to petition or sign a petition for a road in another township which the people of the other township will have to work and keep up? If the county clerk or county engineer should lose or misplace or destroy a petition or remonstrance what could be done about it? If the county commissioners should announce that they had granted a road and allowed only half the damages what could those with claims do about it? W. S. The law requires that there shall be

12 petitioners, all of them householders and residents of the county thru which the road is to run, and they must live in the vicinity of the road they wish opened. It is not necessary that they live in any particular township. Residents of one township would have the right to petition for a road running thru another township provided they are householders and residents of the county and reside in the vicinity of the road to be laid out.

No special penalty is provided for losing or misplacing a petition or remonstrance by the county clerk or county engineer. If it could be proved that the officer had willfully and maliciously mislaid such petition or remonstrance he might be prosecuted for malfeasance in office.

If the persons claiming damages on account of the location of a road are not satisfied with the award made by the commissioners they can appeal to the district court in the same manner that appeals are taken from the justice of the peace.

## More Wheat for Kansas

BY HARRY A. HUFF  
Dickinson County

I made a trip recently out to the Central part of the state, going thru Saline, Ellsworth, Barton, Stafford, Reno and McPherson counties. There is a big acreage of wheat in all of these counties. One thing that I noticed in particular was that the wheat was not nearly so far along in the Western counties as it is in Dickinson and Saline. Another thing that impressed me was that they did not seem to give their ground so much care in preparing it for the crop as we do in Dickinson. I saw several fields that did not look as tho they had been plowed. The wheat did not look so well as it did where the ground showed better preparation. The farm houses in those Western counties compare favorably with what we have here. The barns however, are not so good. As that is a wheat raising country and the farmers do not have much corn and not many cattle, they do not need the barns that we have here where we do diversified farming.

Nearly all the farmers there have automobiles, and I noticed that most of them were big cars. Only a few were Fords. They buy them primarily for pleasure, and so they buy a big car. Another thing about the towns that I liked was the width of the streets. The streets were nearly wide enough to play football in, and there is plenty of room for parking cars. In Stafford and Reno counties there are extensive salt marshes on which nothing will grow but salt grass. This is used for pasture in the summer. A part of these marshes is covered with water, and the water was pretty well covered with ducks when I was there. I saw men from all over the state there just to shoot ducks. A good many of these lakes are owned by clubs of men, and they have club houses built where they can stay. They will go there and stay a day or sometimes two or three days and hunt ducks. Some of the lakes are also stocked with fish. I saw thousands of ducks and killed ten. This land is low, and you can strike the underflow from the Arkansas River by digging down a few feet in any part of that country.

Much of the land in Reno county is sandy, and I saw a plan for building roads that worked fine in that sand. The farmers took straw and put it in the road, and sand that was so deep that one could hardly get thru it with a car without the straw could be gone over on high after the application of the sand. Five or six inches of straw was enough. All the roads that I traveled over on this trip were better kept than the ones in my home county. They had all been dragged, and a good job had been done.

## More Information on Farming

Every Kansas farmer should have his name placed on the mailing list of the monthly list of publications issued by the United States Department of Agriculture. This is sent free to all persons who apply for it. It gives a list of all the bulletins issued during the month by the department. Address the United States Department of Agriculture, Washington, D. C.

The chestnut crop in the eastern mountains is reported to be a failure.

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What Shall I Do, Doctor?

BY DR. CHARLES LERRIGO

Euthanasia.

My father is 62 years old. He has been given up by all the doctors in this part of the country. He suffers intolerable pain which no drugs seem greatly to relieve, and he has repeatedly begged the doctors to give him something to end his suffering. Of course they won't do it. But why not? I am worn to a shadow, taking care of father, and perhaps my nerves are giving way, but I've reached the place where I myself ask, why not? You have said some good things in the Farmers Mail and Breeze. Now I'd like you to say something about this.

I don't believe the writer expected me to sympathize with her attitude. There is just one feature in which I offer sympathy. She has been waiting on her father day and night and is utterly worn out. She is no longer capable of clear judgment. She sees only the great desirability of rest for her father's pain-stricken body and for her own quivering nerves. I am sorry that she is in such a state but I am bound to mix a little reproof with my sympathy even here. It is no uncommon thing for doctors to find some faithful wife or daughter completely worn out by the toil of nursing, day after day, a full 24-hour stretch. I say this is all wrong. It is seldom, indeed, that help cannot be obtained. It costs money! Very well, spend every cent you have and go in debt for the rest. This is one time when considerations of economy are petty, and the dread that one may never be able to pay for services should not stand in the way of availing oneself of them. Such cases as this are often best cared for in a hospital. No, a hospital is not a cold, cruel place to send a dying man! It is the best place on earth and a good preparation for heaven. Sentiment about "home" is often overdone under such circumstances. Once the patient is established in the hospital and the recipient of the superior attention he can get there, he is loath to go back to the make-shifts of home.

Now to the question: Why not give him something to end his misery? I leave the legal side of this problem alone. I admit that there are very many cases of long-continued suffering that end only in death. A patient of mine closed his eyes in death yesterday at 88 years of age, after lying for six weeks in a condition in which he knew no one, was conscious of nothing and was a burden to every member of his family. I could have given him a drug six weeks ago that would have saved his family many sleepless nights and several hundred dollars of expense, and apparently have lost nothing to him or the world. Why not?

Human life is sacred. That old man's life ended yesterday, not six weeks ago. Is it for me to say that because he lay thru those six weeks helpless in mind and body as a little babe, there was no purpose served thereby?

A few years ago a woman who had been given up to die, yet lived on in agonies of pain, wrote in her desperation to the newspapers clamoring that laws should be passed allowing euthanasia (easy death) to those afflicted as she was. Her letter came to the attention of a specialist who thought he recognized in her symptoms a condition not absolutely hopeless. He wrote to her, and under his care she went thru a surgical operation which gave her complete recovery. Then she wrote again to the newspapers, confessing how greatly mistaken had been her outcry.

Who dares say that the time has come to end a sufferer's life? Not I, my dear Mrs. S. There are ways to bear pain and to stand weariness, with a strong look ahead to the time of sure relief when "there shall be no more death, neither sorrow nor crying, neither shall there be any more pain."

Throat is Sensitive.

L. V. H.: I suppose you do not know any reason for the hoarseness. How about working around dusty feed? That would keep a sensitive throat in a constant irritation. At 69 years of age I think the matter important enough to warrant the patient taking complete rest in bed and abstaining entirely from using the voice for at least a week.

Something Like Rickets.

What is the cause of a child's teeth decaying at the age of 18 months to 2 years? My little boy lost three of his teeth about that age and now the teeth of my baby girl, 18 months old, seem to be turning dark, that

is her three upper front teeth. Is there anything I can do to save those teeth, and what might be the cause of my boy's hair coming out? He seems inclined to pull it at times. He is 4 years old. E. C. C.

No doubt you have heard doctors speak mysteriously of "constitutional weaknesses." It means that the sins of the fathers rest upon the children even unto the third and fourth generation. This does not necessarily mean sins of venery. Anything that abuses and destroys the body is a sin against it, even overwork. And the destruction goes on down the line. Fortunately these inherited weaknesses may be fortified, and a child who is their victim may be trained into a strong adult. The symptoms you relate are somewhat of the same order as occur in rickets, tho much milder. The children should be handled with care, yet not coddled. They should have nourishing food both vegetables and meats, tho not much meat to the younger child. Both of them should take a good quantity of fresh milk every day. Cod liver oil often proves beneficial to children with these weaknesses. As they grow older don't be too anxious about starting them in school. Give them a good long period of play life and outdoor freedom before putting upon them life's serious burdens. Be sure to have a dentist repair any decay that occurs in the temporary teeth as quickly as it appears. The milk teeth are very essential to hold the jaw in shape for their permanent successors.

Ever Hear of the Omasum?

Are glauber salts as safe for a cow as epsom salts? If injurious in what way would the ill effects show? Would three doses of glauber salts of 1 pound each, given 12 hours apart, have a fatal effect? Is there any reasonably sure remedy for impaction of the omasum manifolds?

We lost a fine Holstein cow. She was ailing first on Thursday morning, July 20. She was given a pound of the salts at a dose morning, noon, and night, with all the water she would drink. She seemed better, was turned out, drank freely and went off with the herd. On Friday she was worse and a veterinarian was called. He prescribed lime water and some medicine, ingredients unknown. She died about noon Saturday. The veterinarian opened her and pronounced it impaction of the omasum. Her temperature, taken twice, was 101 1/2. Part of the contents of the omasum was soft, but part was much compressed and of a blackish color on the outside of the leaves. A portion of the lining of the paunch was blackish, and a punch of the finger would separate the membrane from the wall of the paunch. The heart, lungs, liver and bowels seemed normal. We have had similar appearing cases in the past, but usually they got over it after being treated with from one to three doses of Epsom salts. H. N.

The action of glauber salts and epsom salts is practically identical and one is as safe as the other as a physic for cattle. A dose of 1 pound repeated three times at 12 hour intervals would be a very large dose, but not necessarily sufficient to produce fatal results in a mature animal.

Regarding impaction of omasum I may say that this is a very rare condition. The foremost English authors say that it never occurs as an independent disease, while the German writers contend that it is only rarely observed. The reason that this disease is so frequently diagnosed is because the contents of the omasum normally are in a dry condition. Usually impaction of the omasum is secondary to impaction of the rumen or first stomach. Such impaction may be due to overfeeding with an excessive amount of dry feed or the nerve supply may in some way be interfered with, producing a sort of paralysis of these organs.

Many forms of treatment have been recommended. I believe that it is a good plan to give the animal a physic of a pound or 1 1/2 pounds of epsom or glauber salts. At the same time, large quantities of water should be given by means of a stomach tube. As much as 20 to 30 gallons may be administered to a full grown animal. It sometimes is advisable to add from 1/2 to 1 ounce of hydrochloric acid to the water. This is to be followed by vigorous massaging of the abdomen. Such massaging is done by two persons, one on each side of the animal and each making boring movements into the side of the abdomen with their fists. These boring movements should be quite vigorous so as to knead and mix up the contents of the stomachs. It is to be kept up for 10 to 15 minutes and repeated every 3 hours if necessary. Action of the bowels usually results in from 6 to 12 hours.

Dr. R. R. Dykstra, Kansas State Agricultural College.

Among the war sufferers are the peasant farmers of Madras, India, whose trade is almost ruined.



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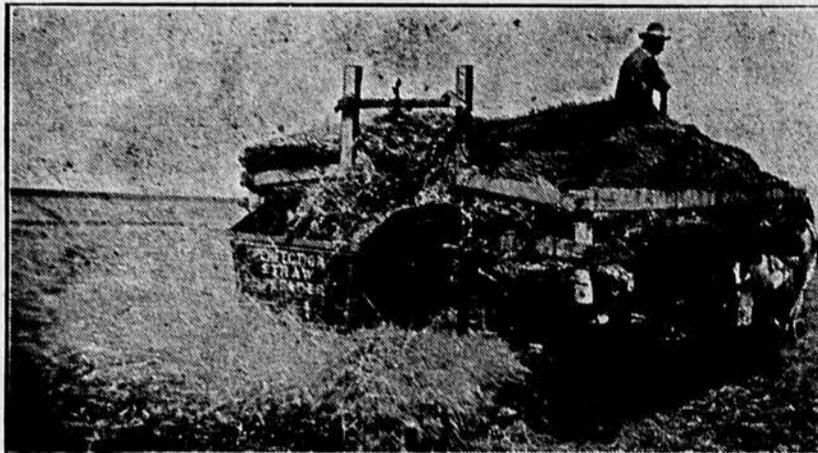
**Spread the Wheat Straw**

It isn't quite the fashion any more to burn the straw piles. The proper thing now is to spread the straw over the fields in the late fall and winter. It pays because the straw acts as a mulch when uniformly spread over the soil and, after it decays, becomes a part of the soil.

All of the nitrogen, phosphorus, and potassium contained in the straw is returned to the land when the straw is

irrigation centers such as Garden City, Larned and Scott City. This is an excellent crop to grow before alfalfa, which has aided greatly in making it popular.

Sugar beets are perhaps the most typical irrigated crop grown in Kansas. All fairly fertile soils may produce sugar beets, providing proper methods of culture and irrigation are followed. Sugar beets endure alkali better than most crops; they yield fairly well even on the shallow, sandy or gravelly soils. A clay



When the Straw is Spread Back on the Fields the Soil is Placed in Better Physical Condition and the Yields are Increased.

spread. The nitrogen is entirely lost if the straw is burned. It goes up in smoke. The phosphorus and potassium are left in the ashes of the straw pile, but it is not practicable to distribute them.

But plant food is not all. All Kansas soils, and especially those which have been growing wheat for many years, need humus. This is supplied by the decaying vegetable matter of the straw spread over the fields, and it too is lost when straw is burned.

loam of good depth is preferable, if it can be obtained. Sugar beets respond well to an arid climate and to dry summers.

**High Cost of Mud**

Increases of land value ranging from 25 to 194 per cent and reduction of hauling costs from 33 1/2 cents a ton mile to 15 1/10 cents, due directly to road improvement in eight counties, prove conclusively that dirt is not cheap, when that dirt is on the highways.

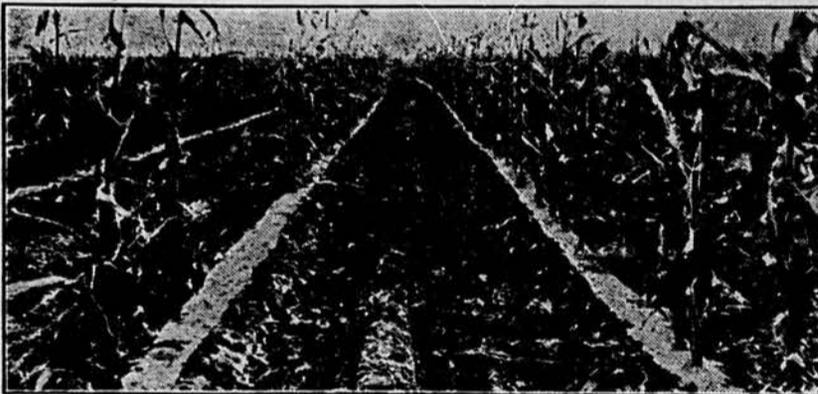
These and a number of other interesting and important facts are presented in a bulletin of about 150 pages just issued by the U. S. Department of Agriculture under the title "Economic Surveys of County Highway Improvement."

Following improvement of the main market roads, the selling price of tillable

**Wide Rows for Corn**

Encouraging results are being obtained in some communities in the growing of corn in double rows. The process is in the experimental stage as yet, but it ought to be taken up in a small way on a larger number of farms in Western

Following improvement of the main market roads, the selling price of tillable



Corn in Wide Rows on the Colby Experiment Station; the Land is Placed in Excellent Condition for Wheat.

Kansas, to see what results may be expected. Perhaps the best yields have been obtained on the Colby Experiment station, where the method has given especially encouraging results. Wheat is planted in the fall after corn, and this method of cultivating prepares the land in an excellent way. Farmers who wish more information about the results that have been obtained can get it from Stanley Clark of Colby, the superintendent of the Colby station.

lands served by the roads increased from one to three times the total cost of the improvements. The gross annual saving in hauling costs due to the good roads amounts to \$627,409 for a traffic of about 3 1/2 million ton miles, while the net saving, after deducting the cost of interest and principal for road work, averages 11.6 cents a ton mile for hauling.

Before the roads were improved the average school attendance was 66 pupils in every 100 enrolled, as compared with 76 after improvement. Thus, ten more children in every 100 are enabled to obtain an education as a result of better roads.

**Beets at Garden City**

The high prices prevailing for sugar have done much to encourage the growing of beets. A large acreage of sugar beets will be grown next year in the leading

The coal production of the United States last year was 518 million tons.



On the Way to the Factory with a Load of Beets. As Much as 3 1/2 Tons is Piled on One Wagon.

THE GOOD JUDGE FINDS UNCLE BEN A GOOD LOSER.



**M**ANY a man says it's worth losing a five dollar bill to learn about the *little chew* of W-B CUT. It saves more than that on what he spends for tobacco, but the big point is that he has found what *tobacco satisfaction* means. W-B CUT is *rich* tobacco, there's more to it. The shreds and the touch of salt bring out the tobacco satisfaction without so much chewing and spitting.

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This Bible is about the size of a postage stamp and is said to bring good luck to the owner. Sent free if you send 10c for three months' subscription to our big magazine. HOUSEHOLD, Dept. B 2, Topeka, Kan.

**Embroidery Set FREE**  
This beautiful 5-piece Table Set, Wild Rose design—1 large Center-piece with 4 doilies to match. Stamped on fine quality art linen 1/4 yd. long. This free to all who send only 10c for trial 3-months sub. to our big fancy work and family magazine. Address Household, Dept. E.S.5, Topeka, Kan.

When writing to advertisers be sure to mention the Farmers' Mail and Breeze

**These Horses Have Influenza**

I have two purebred stallions. One took sick with a high fever. He was stiff and would nearly fall down. He did not lay down for five days, and then he dropped. One hind leg swelled. He would keep both hind legs moving. His eyes were red, and watered a great deal. His lips were red. He began to improve on the sixth day. In about two weeks he looked as if he had fully recovered. In five weeks he took it a second time and recovered. After he drinks he has a cough. The other horse had the same sort of experience. Both of them look well now. Will they continue to have this disease? Twenty-five horses in this neighborhood have had this disease. Several have had it the second time, and 20 have died. Can you tell me what the disease is?

W. N.

From the symptoms submitted by you I am inclined to believe that your stallions were affected with influenza. Influenza manifests itself in various ways depending upon the organs affected. If the disease happens to locate in the lungs the animal will show all the symptoms of lung fever. If it involves the intestines, diarrhea, frequently bloody, and a disturbed appetite noticed. If it affects the brain the animals may show symptoms of blind staggers. If the eyes are badly affected the animal is said to have pink eye. Separate groups of organs may be affected or different groups may be simultaneously involved so that there would be a combination of the foregoing symptoms. In addition to this a very common sequel of influenza is the disease known as petechial fever. In this condition there is a swelling of the legs and frequently intense swelling of the head. In addition, bloody spots or streaks may be observed in the lining membranes of the nose. Sometimes blood oozes from these mucous surfaces. The treatment of influenza depends entirely upon the organs affected. If the lungs are affected then the treatment must be directed toward those organs, or the same may be said for the digestive organs, the eyes or the brain. If it is petechial fever then it must be treated according to indications. We have obtained good results by injecting subcutaneously from a pint to a quart of a specially prepared gelatin solution. Other veterinarians report good results from the use of an adrenalin chloride solution. I believe that in an outbreak of influenza it will be to the best interest of stock owners to consult a competent graduate veterinarian as early as possible.

As preventive measures against influenza, isolation of the healthy and diseased animals has been practiced, and good results are reported from the use of immunizing agents, such as bacterins and vaccines. These confer a very temporary immunity, however, usually lasting not longer than six weeks. During this time the excessive virulence of the outbreak may have passed so that the disease will not affect vaccinated animals so severely.

Dr. R. R. Dykstra.  
Kansas State Agricultural College.

**A Furnace Without Pipes**

There is a new furnace on the market that does not have flues or pipes to conduct the heat from the furnace to the different rooms. It is a solid cast iron furnace of the return flue type. The cast iron is surrounded by a triple casing or jacket. The outer casing is of heavy galvanized iron and the inner casing of two sheets of rust-resisting steel placed 1 inch apart. This inner casing terminates about a foot from the cellar bottom, so that air will circulate under it, and is about 4 inches away from the outer galvanized casing. Instead of having pipes or flues running out at various angles to carry the heat into different parts of the house, the inner and outer casings both are carried up to the floor and fastened to the floor register, which consists of two parts—an inner circle surrounded by an outside border.

The warm air from the furnace passes in a steady current up thru the inner circle of the register and circulates thruout the entire house. The cold air being heavier than the heated air descends to the floor and finds a natural outlet or escape thru the outer compartment of the register into the space between the inner and outer jackets of the furnace, thence passes into the space next the furnace proper where it is reheated and again sent up to fulfill its heating function.

One register and one only is necessary. Simply leave doors of the other rooms open and the warm air will diffuse itself thru them and make them warm and comfortable. Unless there is an open stairway, just leave doors of stair-

way and upper rooms open and they will get sufficient heat. You can run it at any desired heating capacity—can heat all your rooms or just one or two of them as you wish, for the furnace is very readily regulated. This furnace is easy to install, and should give excellent satisfaction in a house of moderate size.

**Rural Life Conference**

The annual Rural Life Conference will convene at the Kansas State Agricultural college January 29 to February 9, inclusive. The second week of this period will be also the State Farm and Home Week with a thousand or more farmers and their families in attendance. The lectures at the Rural Life Conference are to be presented in courses of nine lectures each by Dr. Warren H. Wilson, in charge of rural work for the Presbyterian board; Professor Edwin L. Earp, professor of sociology, Drew Theological seminary and member of the Methodist board for rural work, and Professor Walter Burr, director of the rural service department, Kansas State Agricultural college. These lectures will deal with rural sociology, church legislation and rural leadership.

Aside from these courses there will be special work in rural organization and the conducting of community clubs. The meetings will be of interest to ministers, school teachers, officers of farmers' organizations, and all interested in rural development. As there will be an unusually large crowd at this time in Manhattan, Kan., where the conference will be held, those intending to be present should notify the rural service department of the college. A detailed program will be forwarded upon request. Address the division of college extension, Manhattan.

**Be Careful Whom You Pay**

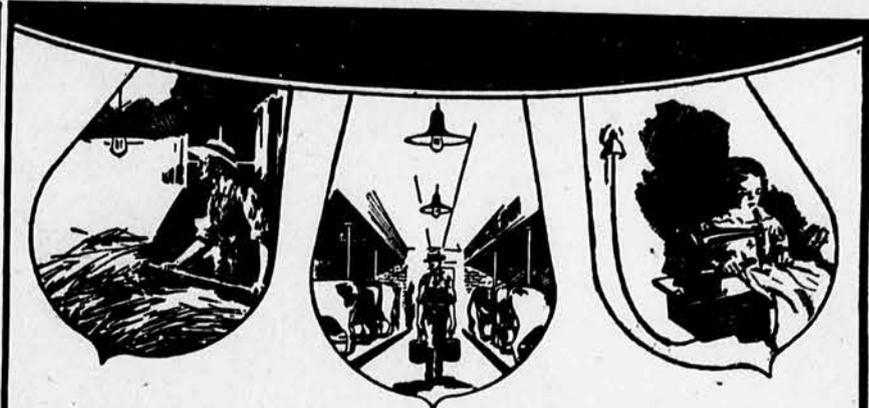
The attention of city marshals and subscribers is again called to the fact that they should be careful to whom they pay their subscriptions for the Daily Capital and the Farmers Mail and Breeze. There are still a few dishonest solicitors in Kansas. The following district managers are alone authorized to solicit subscriptions. Do not pay subscriptions to anyone except those whose names are mentioned below.

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**Secretary Wanted**

An old established Farm, Stock and Home Journal offers position of Secretary and Treasurer to young man of character and ability, good knowledge of farm and ranch—preferably graduate from A. & M. College; must have ambition for newspaper business. Position open Jan. 1st. Address M. C. Harper, Muskogee, Okla.—Advertisement.

Western Kansas is offering better opportunities to farmers who have but little capital than is realized generally. Renters in Eastern Kansas who are discouraged with the future in that section would do well to investigate the opportunities offered farther west.



**Better Farming Calls for Better Lighting**

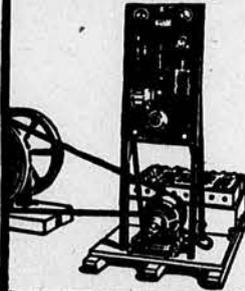
AND that means electricity. You can have this clean, safe light no matter where you live, or how large or small your farm, and at very reasonable cost. Once you know the safety, the cleanliness, the convenience, the economy of electric light, you will never go back to the old methods.

**Western Electric Farm Lighting Outfits**

are made to suit your requirements. If you have a large farm, there is a large outfit for it—and vice versa. You can get just the outfit you need—not larger than you need, nor smaller.

The Western Electric Farm Lighting Outfit hitches up to your own gas engine. It furnishes brilliant light anywhere you want it. Prices, \$175 up.

Write at once for your free copy of "Brightening Up the Farm." It's just packed with the very information you need about farm lighting.



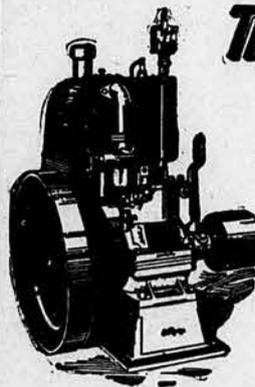
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WESTERN ELECTRIC COMPANY:  
Please send me, AT ONCE, illustrated booklet, No. FB-24 on your Electric Farm Lighting Outfit.

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**Do your Winter Work with THE "New-Way" Engine**



Buy a NEW-WAY Engine now. It will saw the wood, cut the ensilage, shell the corn and it will pay for itself before summer.

At harvest time put the NEW-WAY on your binder. Wet or dry seasons need not worry. You cut your grain when ready and do it quickly.

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Made in all types and sizes, 1 to 12 H. P. Prices from \$49.00 to \$155.00 f.o.b. Lansing. Drop us a postal for catalogue No. 22.

THE NEW-WAY MOTOR COMPANY  
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**COTTON SEED MEAL  
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Selected Quality  
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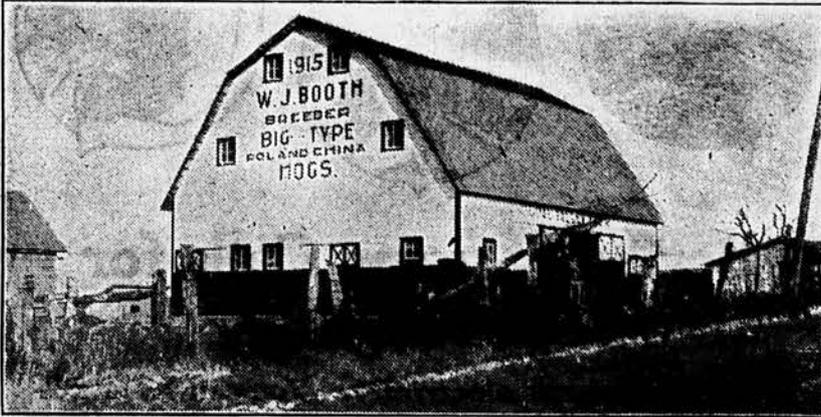
"Our Brand on the Tag, Means Quality in the Bag"

MEMPHIS TENNESSEE **F. W. BRODE & CO.** Branch Office: DALLAS, TEX.  
Established 1875

Pioneers in Cotton Seed Meal—It is Our Specialty    We Can Quote You to Your Station

### Farm Advertising that Pays

Advertising on farm barns and other buildings is being used to a large extent by the owners. This is especially true of the livestock breeders. It places a substantial value on one's farm that helps in getting buyers for the animals.



W. J. Booth is Proud of His Prize Winning Polands and His Big Barn. Can You Blame Him?

I. J. Mathews tells of this in a recent issue of the Michigan Farmer:

"I can give an illustration of the value of a barn advertisement. A Michigan railroad over which I have gone many times runs thru a dairy section. Black and white cattle dot the meadows but there is only one advertisement of Holstein-Friesian cattle visible from a passing train. A certain barn faces away from the railroad's right-of-way and on the back of the barn is a 10 by 12-foot sign painted in black and white. It announces simply that the owner and his son are breeders of Holstein-Friesian cattle. The cattle pasturing in a field between the track and the barn are a silent testimony to the fact that these breeders produce good animals.

"The point is this: I was sent out by a state institution to purchase Holstein-Friesian heifers. The first stop was the one nearest the point where I had seen the barn advertisement. Despite the fact that I had seen other black and white cattle along the way for 9 or 10 miles, I had no assurance that they were anything other than grades and I was looking for purebred stock. Such a use of buildings is certainly profitable and proper."

### For Cheaper Farm Fences

In selecting a woven-wire fence, it is preferable to economize by eliminating unnecessary wires rather than by using a light weight wire. A fence the spacing in which is too wide to turn swine satisfactorily will prove quite adequate when only cattle, sheep, or horses are to be considered. A farmer, therefore, who keeps no swine can save money by doing away with wires that are not needed. The factor which determines the price of woven-wire fencing is its weight, so that in fences of the same height a wide-spaced fence with comparatively few wires costs less than a narrow-spaced one with more wires. On the other hand, it is becoming generally recognized that the use of heavy wire in fencing is economical. The first cost of the heavy wire is greater, but its durability is more than sufficient to offset this disadvantage. The labor and other costs in the construction of a fence are practically the same whether a heavy or a light grade of wire is used, but with heavy wire the fence lasts so much longer that this cost of construction is distributed over a much longer time. That this is appreciated by a majority of farmers is indicated by the increase in the percentage of heavy wire that is being sold for fencing purposes.

For the general farm on which all kinds of stock are kept, and on which the rotations practiced call for temporary pastures, the common type of fence now being adopted is one which has approximately 10 line wires and a total height of about 4 feet. The bottom wires are spaced about 3 inches apart. Such a fence constructed from all No. 9 wire with a strand of barbed wire on the top, Osage orange, locust, Red cedar, steel, or cement line posts set a rod apart, and ends and braces of the same materials as for the line posts at distances of 40 rods, can be constructed, it is figured, for 93½ cents a rod. This allows a labor cost of 9 cents a rod. The cost of the wire itself is estimated

at 40 cents, the line posts at 28 cents, and the ends and braces at 12½ cents a rod. Such a fence is exceptionally durable and should last approximately 22 years. Cheaper fences can, of course, be constructed with less expensive materials. Allowing for repairs, depreciation, and interest at 5 per cent on the

"There are two ways by which the yield and quality of the Kansas pecans may be increased materially. The first is that of improving woodlot conditions where the pecans are now growing so as to give the trees more room to develop broad spreading crowns and thus increase their yielding capacity.

"This improvement will be most readily accomplished by cutting out the trees of other species that are interfering with the best development of the pecans, thus reducing the competition for soil moisture and allowing the pecan trees a greater supply of plant food, which will increase the size of the nuts

"In thinning the native timber, it will be necessary to exercise care and judgment to avoid possible injury to the pecans. Trees that grow in a dense stand are tall and slender and, if left standing alone, are likely to be broken in a severe wind storm."

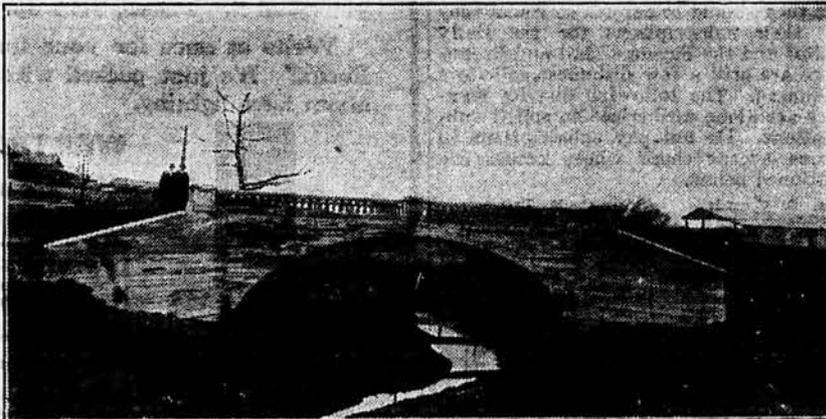
### A Brighter Outlook

Farming offers a better opportunity financially and otherwise, than ever. The business of agriculture is at last coming into its own. The present high cost of living has boosted the prices of farm products to abnormal levels, and has greatly increased the economic lead which farmers have over the men in the cities. Better opportunities are being offered on Kansas farms today than can possibly be supplied by the city.

These high prices for farm products are going to make it possible to establish a much more satisfactory agriculture. It is very obvious that the opportunities for living a life which has the maximum of real contentment are much better in the country than they can possibly be in the city. Only the men who make very high incomes in the city are free from financial worries; the families on small or average incomes—and this includes most of them—are not

### Concrete Bridges are Best

The movement for better bridges in Kansas is making excellent progress. Concrete bridges are winning on merit. This is especially true in such good farming sections as Pawnee county, where there is an appreciation of the need for building for the future. The first cost



This Bridge is 45 Feet Long and Has a 20-Foot Roadway. It Cost \$2,750 and is a Permanent and Substantial Improvement.

of a good concrete bridge is but little more than for the inefficient kinds, and when it is built it will last indefinitely and eliminate the chance of a heavy load such as a threshing machine breaking it down.

### Make This Land Profitable

Thousands of acres of Kansas land subject to flooding and now agriculturally unprofitable might be made a source of revenue thru growing pecan trees. C. A. Scott, state forester at the agricultural college, believes in the money possibilities of pecans.

"The possibilities of pecan orcharding as an industry thruout the Southeastern section of the state are excellent," said Mr. Scott. "The land along the water courses is well adapted to pecans. Repeated floodings do not injure the trees after they are a few years of age. If this land were utilized for growing pecans, the loss caused by floods in this section of the state would be reduced to a minimum, and, inasmuch as the flood season usually is in early summer, there would be no injury to the nut crop.

"The Northern limit of the natural growth of the pecan is the Marais des Cygnes River and its tributaries, while the Western limit is the Walnut River and its tributaries. Under favorable conditions pecan trees attain a large size and produce liberally. Some of the largest trees are fully 3 feet in diameter and 75 feet in height. In years of heavy production, such a tree produces from 600 to 800 pounds of nuts. During the last 15 years the price paid for these nuts has varied from 7 to 15 cents a pound.

derflow. Trees adapted to the conditions in Western Kansas can be purchased from the Hays Experiment station at Hays, and full information in regard to growing them can be obtained from C. A. Scott, the state forester at Manhattan.

Much progress has been obtained in the growing of trees in the Arkansas River Valley. This is especially true around such towns as Dodge City and Garden City, where a special effort has been made in getting them planted and cared for properly. The park at Dodge City is an encouraging example of the progress which can be made with timber in the Western third. This also is true of Lovers' Lane at Garden City.

### Where Do Old Motor Cars Go?

BY TOM BLACKBURN.

Manufacturers are turning out unlimited numbers of automobiles every year. On the road nearly every machine that you see appears to be a new one. The question arises, where do old motor cars go? Is there an elysium where they may rest their creaking valves and axles?

When an owner buys a new car he turns in his old machine as part payment and it disappears from neighborhood circulation. A trip to any garage shows that there are no old machines rusting to pieces behind the building, and few old models are being "boarded."

There has been a tendency on the part of dealers to avoid the handling of used cars and decried their utility to purchasers. That feeling has changed largely of late, and the sale of old machines has become a legitimate proposition. The pendulum has swung back so far that dealers are now presenting arguments to show that used cars can be purchased to better advantage from them than from their original owners. A Kansas City dealer said, "we dealers figure pretty closely when we take a used car as part payment for a new car. We have the car overhauled and put into the best possible running condition.

"Then we put a rock bottom price on it, for a dealer always does business with the idea of making a friend of the customer, and of eventually selling him a new car. Naturally he plays square with him. The purchaser of the used car under these conditions can rest assured that he is getting a dollar's worth of value for every dollar that he puts into the used car."

Old automobiles are refinished, cleaned, sometimes a new body is put on, with the result that when they go out on the road again, no one takes them for aged motor cars. Automobiles that have become so antedated that modernizing is impossible are changed into grocery wagons, trucks and quite often the engine is removed and used to pump water or run a corn sheller. Many an old car is sent to an untimely woodyard by an accident. The speed of the motor car often is its own Nemesis. Rare is the automobile that gets to rust out its old days in placid peace.

### Horticultural Society Meets

The Kansas State Horticultural Society held its fifth meeting in Topeka last week, Wednesday to Friday. Nearly 150 persons attended the seven meetings held in the legislative hall of the statehouse, where papers of interest to the members were read.

A. L. Brooke of Grantville was elected president of the society for 1916 and O. F. Whitney succeeded himself as secretary.

Robert T. Lincoln and Wayne MacVeagh are the only surviving members of President Garfield's cabinet.

### Trees in Western Kansas

Considerable success is being obtained in growing trees in Western Kansas. This is much greater than is being realized generally. It is coming because of the appreciation of the importance of setting trees that are adapted to the conditions there. They are doing especially well where the roots can reach the un-



Lovers' Lane at Garden City; this is an Encouraging Example of the Success that can be Obtained from Growing Trees in Western Kansas.

**A Big Show at Chicago**

(Continued from Page 1.)

was a show winner, and carries the blood of that paramount Shorthorn bull, Whitehall Sultan. It thus is evident that the champion was a product of quality breeding on both sides.

California Favorite was 14 months old when he went into the show ring at Chicago. He had never tasted corn—which ought to be an encouraging thing for the farmers in Western Kansas who are developing beef animals without corn. He received the milk of a nurse cow and was fed three times a day on a ration of 2 parts barley, 1 part oats, and 1 part bran. He got all the alfalfa hay he would eat.

High prices also were paid for the carload classes. The grand champion load was entered by E. P. Hall of Mechanicsburg, Ill., and it consisted of Angus yearlings. They were bought by Wilson & Co. for 28 cents a pound. This is just twice the price paid to the same feeder in 1912, when he also produced the champion carload. At the International in 1913, which was the last one before this year, the price for the champion carload was \$13.25, paid for the Angus animals entered by Escher & Ryan of Irwin, Ia. The previous high price of \$17 a hundred had been paid to Funk Brothers of Bloomington, Ill., in 1906, for a carload of Angus.

There were 49 carloads of beef animals entered, and they sold for an average of \$15.91 a hundred. This was an average of \$16.33 a hundred for 32 carloads of yearlings and \$14.95 for 17 carloads of 2-year-olds. The Angus yearlings, 17 loads, averaged \$17.30; Hereford yearlings, seven loads, \$15.46; Shorthorn yearlings, eight loads, \$15.16. In the 2-year-old classes the Shorthorns and the Angus changed places on the top and bottom of the price scale. Five carloads of Angus averaged \$14.80; 10 loads of Herefords averaged \$14.35; and two loads of Shorthorns averaged \$12.25.

Several high dressing percentages were obtained in the carcass contest. In this department the animals were all killed and dressed, so the results could be obtained. The champion steer was a purebred Angus yearling, entered by Ohio State university. He weighed 1,376 pounds, and was sold for 40 cents a pound. He dressed out at 868 pounds, which gave a percentage of 63.41. The champion sheep was a purebred South-down lamb from the flock of W. H. Miner of Chazy, N. Y. This animal sold for 60 cents a pound. The live weight was 90 pounds, the dressed weight 50 pounds, which gave a percentage of a little more than 55. In the hogs the champion barrow gave the high dressing percentage of 87.39. This animal weighed 444 pounds, and it dressed out 388 pounds of meat.

In the breeding classes there were many records established. This was true especially with the Shorthorns. There were about 500 Shorthorns entered, and the herds were from all sections. "This is the greatest show of Shorthorns that has ever been held in America," said Frank Tomson, editor of The Shorthorn in America. A good index to the size of the show is offered by the fact that 19 animals were led out when the class of aged bulls went into the ring. The first place went to A. F. & G. Auld of Guelph, Ont., Canada, on Burnbrae Sultan. Second place went to Frank Edwards of Tiffin, Ohio, on the Pride of Albion.

The show of horses was unusually large and successful. Fifteen states were represented in the Percheron classes, by 50 exhibitors and 400 horses. "This is a big Percheron show," said Wayne Dinsmore, secretary of the Percheron Society of America. "Probably the most satisfactory thing is the large number of exhibitors, which shows a growing interest in the breed and in better horses. This is a breeder's show, and that is what we need." First place on the aged Percheron stallions, 5 years old and over, went to J. O. Singmaster & Sons, Keota, Ia., on Lagos. There were 32 animals in this class, representing the best breeding in America. Lagos 99093 (102389) was born April 4, 1911; the sire was Harold 77966, the dam Ida (83456). There was an excellent showing of the other draft horse breeds. A light horse show was held at night, which was well attended.

An important thing this year was the great interest in sheep. There was far more study given to these animals than at any previous International, in both the fat and breeding classes. A great

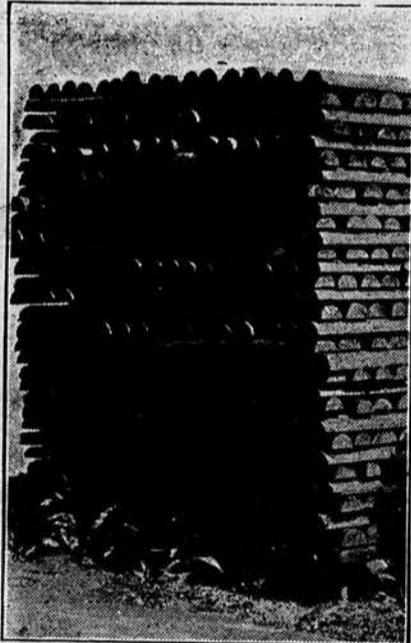
deal of talk could be heard at the ring-side by visitors from all sections about the need for more small flocks, and the farmers from all sections reported the largest demand in recent years for breeding animals to supply the foundation for these flocks. The quality shown in the breeding section was one of the things that attracted much interest. "The quality of these entries demonstrates that we can get along without importing more sheep if it is necessary," said F. R. Marshall, in charge of the work with sheep in the Bureau of Animal Industry of the United States Department of Agriculture. There was hot competition in all the Shropshire classes. First place on the rams 2 years old and over went to the Iroquois Farm of Cooperstown, N. Y.

The International exposition made a real record this year. It has become a great postgraduate school of better farming; it is the supreme court of the livestock world. Its influence extends to other nations; some of the judges this year were from South America. The International is leading in the effort to develop a more profitable farming system and a better country life.

**Posts that Last Longer**

Better fences are needed in Kansas. The ordinary fence post lasts only about eight years under the most favorable conditions. Untreated posts rot quickly, warp and bend, break or split—all due to the process of decay. The staples will not hold, the wire sags and the fence comes down. That means another job for the farmer or his hired man and the same job is repeated regularly every 30 days, if any real attempt is made to keep the fence up.

About 1,500 fence posts are required to properly fence a 160-acre farm. One-eighth of this number must be replaced every year at great trouble and expense



Creosoted Fence Posts.

as well as loss of valuable time. Just count the time spent in making repairs, the cost of the new posts for replacements, the materials used and the damage to the wire, and your eyes will be opened to the bigness of the expense required to keep a fair sized farm fenced properly.

The life of a post can be increased by treating it with a preservative. There are five chief requirements for a preservative for general use. It should be reasonably cheap, should penetrate wood readily, should not be corrosive to metal, should not evaporate or wash out of the wood easily, and should be poisonous to fungi. For special purposes there are, of course, additional requirements.

Coal-tar creosote, which is a brownish-black heavy oil, practically insoluble in water, is in general use for preserving fence posts and other farm timbers. Satisfactory penetrations of many species of wood can be secured with it, and excellent results have been obtained by its use. It is considered one of the most efficient preservatives against decay so far developed for farm timbers exposed to the weather. The timbers can be purchased already treated. Posts are now for sale in most of the lumber yards of Kansas that have been treated with creosote under pressure, which gives the best possible results.

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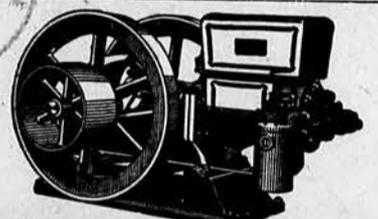
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### Grain Market is Still "Jumpy"

(Owing to the fact that this paper is necessarily printed several days prior to the date of publication, this market report is arranged only as a record of prices prevailing at the time the paper goes to press, the Monday preceding the Saturday of publication.)

Wheat prices last week rebounded 9 to 10 cents, rallying about 12 cents from the preceding week's low level, and then turned down again about 11 cents from the best prices, but the vigorous rebound in the final dealings left the close about 4 cents higher than a week ago for May delivery. The December price showed a net gain of 6 cents in Kansas City and a net loss of half a cent in Chicago for the week, and the July quotation made a net advance of 8 cents in Kansas City and about the same in Chicago. There were net gains for the week of 1 cent in Minneapolis and 7 cents in Winnipeg for May delivery.

The wide and varying fluctuations give evidence of the extremely unsettled state of the trade respecting the probable future course of prices.

Here are some of the unsettling factors in the situation:

Current receipts and abundant visible supply strongly suggest that there is more wheat available for export than indicated by the official crop estimate.

A widespread and persistent agitation against high prices of food is likely to keep the proposal for prohibition of exports a live question in Congress as long as the present session lasts, and pressure from various organizations in favor of this action is likely to be so strong that Congress may pass such a measure, despite the reported disapproval of the administration.

Shortage of ocean vessels restricts exports and curtails foreign buying.

Car shortage, growing out of the congestion of loaded cars at seaports, awaiting shipment of their contents to Europe, has almost completely blocked a new shipment of grain and flour East.

Increased German submarine activity has added to the risks and difficulty of shipping grain to Europe.

The lengthening period of the war brings the inevitable end closer and daily increases the chances of developments looking toward peace.

These constitute a formidable array of indeterminate factors which naturally makes everyone in the grain trade nervous and alert to minimize chances of loss from violent swings in prices.

Sales for export last week were estimated as high as 9 million bushels, almost wholly to the Greek and Dutch governments and the Belgian relief commission. The figures were reported by an Eastern market news agency, but there was a good deal of doubt about their accuracy. It was considered extremely questionable whether the Belgian relief commission would buy so heavily at a time when conditions are more unsettled in that distressed country than at any previous time since the days immediately following the outbreak of the war and the question may arise any moment as to whether relief measures can be continued. There was a good deal of doubt also about the Greek buying, with that country blockaded by the Allies and the state of its government very uncertain. There was no reported buying of any consequence by the Allies.

The corn market followed wheat, rallying about 6 cents and then losing a large part of the advance, the late rally left the close more than 3 cents higher than a week ago.

Foreign markets maintain their strong tone. Corn is worth \$1.88 a bushel in Liverpool, a price that would make exports very profitable if ships were available. Some foreign buying was reported, but scarcity of ships and of cars restricted business.

Receipts increased moderately and were about the same at three leading markets as a year ago, tho a third less than two years ago and little over half as much as three years ago. Receipts are less than they should be, considering the strong inducement to sell corn at the highest prices ever known in December. Carlot prices are firmly maintained. Stocks are accumulating slowly at market centers. There was an increase of about 75,000 bushels in Kansas City last week, and Chicago's receipts were about 1 1/2 million bushels in excess of the shipments.

The unsettled condition which existed in the livestock markets because of the precautionary quarantine disappeared last week following the announcement by federal authorities that the disease under observation was stomatitis, and not foot-and-mouth disease. States that had placed quarantines against Missouri, Kansas and Nebraska raised the restrictions and a normal movement was permitted in all directions. The Kansas City supply, however, was reduced somewhat by the restrictions, but other markets reported liberal supplies.

Hog receipts at the five Western markets were 614,000, the largest supply this year. Of this number Chicago had 295,000, within a few thousand of the record supply for one week at that market. Kansas City received only 61,000. The relatively small supply in Kansas City was attributed to the fact that some railroads are making special efforts in favor of Northern markets, and that Kansas has comparatively few fat hogs because of the scarcity of corn. Prices at Kansas City have averaged higher than in Chicago, and

enough higher than Northern markets for packers to ship direct from them for local slaughter. Shipping demand has been fairly active. On Tuesday \$10.20, the highest price ever reported in December, was paid. Strength in the market was the result of large demand in all directions. The Monday estimate for Chicago is 66,000, and for the five Western markets 130,000.

Tho the trade in cattle showed activity in most lines, the specialty class, Christmas heaves, did not possess any remarkable feature. A carload of prime 1,457-pound Nebraska steers sold at \$12, the highest price ever paid in Kansas City on the open market, and two other carloads of choice steers weighing 1,257 pounds brought \$11.25. To get these prices the last two carloads were held in the yards two days, and on the other car several inquiries were made from head men in Chicago, where they were bidding 13 to 28 cents a pound for show cattle that carried a big advertising feature with the purchase price. However, the other cattle sold readily and 15 to 25 cents higher than in the preceding week. Most of the short fed to good steers sold at \$8.75 to \$10.90 and the range steers brought \$6.50 to \$8.25.

"Canner" cows were in active demand at 25 cents higher prices. Most of them sold at \$5 to \$5.25. The better classes of cows were 15 to 25 cents higher and calves and bulls firm in price.

About 8,000 stockers and feeders were sent back to the country last week, and practically none were carried over the week end. Prices were quoted 25 to 40 cents higher, and a good many orders were not filled because of the lack of offerings.

Receipts of livestock last week, with comparisons, are here shown:

	Last week.	Preceding week.	Year ago.
<b>Cattle—</b>			
Kansas City .....	34,300	29,300	39,175
Chicago .....	69,500	58,000	67,300
Five markets .....	171,050	137,800	166,475
<b>Hogs—</b>			
Kansas City .....	66,450	61,500	78,050
Chicago .....	295,000	214,000	237,000
Five markets .....	614,850	481,000	554,000
<b>Sheep—</b>			
Kansas City .....	30,400	10,825	23,000
Chicago .....	100,000	81,000	76,300
Five markets .....	230,500	168,000	179,700

### Smoking out the Skunks

Considerable success is being obtained in smoking out skunks. Sixteen skunks were smoked out of a den and killed by a trapper at Waukon, Iowa, who seems to have made the record haul at one time last season.

The trapper or hunter who succeeds in locating the den or hiding place of any fur bearer should count himself fortunate, as he is often able to catch half a dozen or more animals in one haul. When a den is found and it is reasonably certain that the occupants are "at home," all openings should be immediately blocked until the smoking-out process can begin. Smoking out is by far the most satisfactory method of taking animals, as the trapper has the privilege of selecting only those that are of value to him at the time and letting poorly-furred creatures, females and kits go until their pelts are marketable. He can also secure, uninjured, such as he may desire for the purpose of selling alive or keeping in captivity until their furs are of greatest value.

There are several good smokers on the market which can be bought for a nominal sum. Possibly the best is made in three detachable sections, consisting of a bellows, smoke chamber, and nozzle. This smoker is light and can be carried easily,

and when long distances must be traversed these two features are of prime importance. To operate, the smoke chamber is loaded with a piece of ordinary burlap sacking, old rags, cotton, corn cobs or any other inflammable stuff that will make smoke, and a little sulphur or cayenne pepper added will increase the efficacy of the fumes. The load is set afire, and with the aid of the bellows a suffocating spray of heavy smoke can be projected into every nook and cranny of the hiding place.

In from 10 to 20 minutes, depending on the size of the den, the animals will be forced to come out for fresh air, and they are so weakened and dazed by the fumes that they can be easily caught alive in traps, nets or slip noose, or they can be killed with a club or rifle.

Such animals as are undesirable for any reason can be permitted to escape until some future time when they are in a marketable condition. In this way the experienced trapper conserves the fur-bearing animals in his district until it is worth his while to take them. The indiscriminate slaughter of fur bearers is the source of much needless loss to men engaged in the fur business, and by killing only those that have a marketable value a much greater final profit can be made.

### Wheat Growth is Not Heavy

A report from Southwest Kansas tells that the wheat crop is rooted fairly well, but it is not up and covering the ground as it generally is at this season of the year. This condition prevails as far east as Wichita. A rain of 3 inches would do wonders in the next few weeks.

**Franklin County**—Much fall plowing done and work all in order. Plenty of roughness and all stock doing well. All grains very high in price. Hogs \$10; hens 13c; eggs 35c; butterfat 38c.—C. E. Kelsey, Dec. 9.

**Wichita County**—We are having some very cold weather. Not much feeding being done and stock in fair condition. Wheat is needing moisture. Eggs 35c; butterfat 36c; potatoes \$2.10; corn \$1.—Edwin W. White, Dec. 9.

**Books County**—Until the last day or two we have been having very nice weather. Today is cold. No moisture so far. Not much wheat is left in the farmers' hands. Stock doing fairly well. Feed scarce. Wheat \$1.64; corn \$1.07.—C. O. Thomas, Dec. 8.

**Thomas County**—Nice weather. Work pretty well done. Hauling wheat the order now. Some corn being shipped in at \$1 a bushel. No kafir or sorghum seed to speak of in county. Wheat doing all right. Eggs 40c; butterfat 38c.—C. C. Cole, Dec. 8.

**Nemaha County**—Nice weather continues. Corn all out, yield not very high but the quality is good. Not much feeding being done. Wheat has stood well and is in good condition for the winter. Prices good for livestock. Land is slow selling.—C. W. Ridgway, Dec. 9.

**Greeley County**—We have had fine weather so far and we need it, as there was very little feed raised here this year. The grass is fine and the cattle are doing well so far without feed. Lots of cake shipped in and quite a bit of hay. Hens are not laying much and eggs are 40c.—F. C. Wood, Dec. 9.

**Dickinson County**—Weather nice and clear, but cold. Plenty of moisture. Wheat looking well. An unusual amount of plowing done this fall. Corn all husked, crop light. Farmers hauling manure and getting ready for winter. Not many cattle on full feed. Fat hogs getting scarce.—F. M. Lorson, Dec. 9.

**Harvey County**—Weather has been fine, but a cold wave and strong wind from the north on Dec. 7 was quite a change. Lots of fall plowing done. Livestock doing well.

Wheat \$1.65; corn \$2.00 shelled; 87c on the ear; oats 55c; butter 39c; eggs 32c; potatoes \$1.85; flour \$1.90; sugar \$7.39.—H. W. Frouty, Dec. 8.

**Jewell County**—Weather fine for corn husking and everyone nearly done. Corn is making all the way from 25 bushels to the acre down to nothing. Getting too dry for wheat. Good many sales and everything sells high. Milk cows bringing from \$50 to \$100 each. New corn 80c; eggs 35c; butter 26c; butterfat 38c.—L. S. Behrmer, Dec. 8.

**Logan County**—Weather still continues warm and dry. Wheat is needing moisture and the prospect of a good wheat crop looks doubtful. Corn husking will be a short job this winter. Livestock in good condition and there will be plenty of rough feed. Potatoes \$1.75; apples \$1; corn \$1; wheat \$1.60; eggs 34c; butter 30c.—R. McCormick, Dec. 8.

**Brown County**—Farmers thru husking corn. South half of county averaged about 10 bushels an acre, and the north half 25 to 35. More fall plowing has been done this fall than for many years. Fine plowing to date. Wheat looks good but rather poor stand. Wheat \$1.75; corn 86c; eggs 38c; cream 41c; hogs \$9.25 per cwt.—A. C. Danenberg, Dec. 8.

**Johnson County**—The weather continues fine for all fall work. A very large amount of plowing is being done for spring crops. Quantities of fodder are being shredded. Work on the woodpiles continues. Sales still going on and generally pretty good prices prevail. Plenty of moisture in the soil for the wheat. No snows to speak of yet.—L. E. Douglas, Dec. 9.

**Norton County**—Weather is cold, clear and dry. Wheat is not going into winter in the best condition. Much of it will be damaged by pasturing, on account of wheat being small and ground dry and dusty. A few men are feeding cattle, but most are shy on feeding this year. Lots of new buildings on the farms this fall. Wheat \$1.65; corn 90c.—Sam Teaford, Dec. 9.

**Ford County**—Weather cold and dry. Wheat is in fair condition, but some moisture would be welcome. Car shortage still continues and not much wheat is being marketed. A great building boom is going on. Some butchering is being done. Most of the stock is on wheat pasture. Some hogs dying from cholera. Wheat \$1.60; corn 95c; butter 30c; cream 34c.—John Zurbuchen, Dec. 9.

**Ottawa County**—Weather very dry but pleasant for several weeks. Snow falling today, which promises some needed moisture. Wheat is looking well, but is very small. Farmers nearly thru husking corn, which was a very light crop. Plenty of rough feed to carry stock thru winter. Not much wheat in farmers' hands. Foot and mouth disease scare over.—W. S. Wakefield, Dec. 10.

**Riley County**—Cold nights, fair days. Corn husking is all finished. Much plowing being done now on corn ground. Wheat fields spotted, some fields look green and others barely show above the ground. No corn hauled to market here as all will be fed to hogs and cattle. Some corn may be shipped in as there will not be enough to feed. Corn 80c; wheat \$1.70; hogs \$9.40; eggs 32c; butter 30c.—P. O. Hawkinson, Dec. 9.

**Harper County**—Wheat doing well. Some pasture, but not as much as some years. Farm work about all done. Not enough corn in county for its own use for next year. Kafir poor crop and not much for sale. Some hogs in county but few for sale, with prices high. Horse and mule buyers are plentiful and are paying fair prices for what they are getting. Wheat about all sold from this county for this year. Wheat \$1.65; corn 85c; oats 50c; eggs 40c; butter 40c; cream 38c.—H. E. Henderson, Dec. 8.

**Lyon County**—Wheat fields are in good condition. More wheat sown this fall than last. Farmers have plowed most of their ground ready for spring crops. Stock doing well. Plenty of rough feed in the county. Several carloads of good alfalfa and prairie hay are shipped out every week. Everything except horses and light hogs selling well at public sales. Prices paid are a little lower. Corn 85c; wheat \$1.65; hay a little higher. Good baled alfalfa \$12 to \$14 a ton; prairie hay, baled, \$8.—E. R. Griffith, Dec. 9.

**Douglas County**—Grand weather for this time of year, a little cool this morning, 18 above zero. Wheat certainly looks fine. No complaint of fly in county. The volunteer wheat looks well with no fly in it. Lots of plowing done, and everyone is making good use of this nice weather. Feed is scarce. Hay in big demand by the dairymen, and nearly all of the upland farmers have to buy both hay and corn. Stock doing well, and no disease. Not many cattle and hogs being fed on account of the high price of corn. Wheat \$1.60; corn 88c; oats 50c; alfalfa hay \$16 to \$20 a ton; straw \$5; hogs \$9 to \$9.75 a cwt; hens 12c; eggs 35c; butter 36c.—O. L. Cox, Dec. 9.

### Wonderful Egg Producer

Any poultry raiser can easily double his profits by doubling the egg production of his hens. A scientific tonic has been discovered that revitalizes the flock and makes hens work all the time. The tonic is called "More Eggs." Give your hens a few cents' worth of "More Eggs" and you will be amazed and delighted with results. A dollar's worth of "More Eggs" will double this year's production of eggs, so if you wish to try this great profit-maker, write E. J. Reefer, poultry expert, 3689 Reefer Bldg., Kansas City, Mo., who will send you a season's supply of "More Eggs" Tonic for \$1.00 (prepaid). So confident is Mr. Reefer of the results, that a million-dollar bank guarantees if you are not absolutely satisfied your dollar will be returned on request and the "More Eggs" cost you nothing. Send a dollar today or ask Mr. Reefer for his Free poultry book, that tells the experience of a man who has made a fortune out of poultry.—Advertisement.

A factory for extracting iodine from seaweed has been erected by Russian capitalists at Vladivostok.



Sixteen Skunks were Smoked out of this Hole, Which Probably is a Record in Trapping Fur Bearing Animals.

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Correct Answers

- 1. Brewster's Millions. 2. The Man with the Hoe. 3. Farm Animals. 4. The Headless Horseman. 5. Mother Goose. 6. Proverbs. 7. The Jumping Frog. 8. King Arthur. 9. Kidnaped. 10. Treasure Island. 11. The Choir Invisible. 12. Farming It. 13. The Fall of Man. 14. Rolling Stones. 15. The Happy Family. 16. The Octopus. 17. Little Women. 18. News from Nowhere. 19. How We Travel. 20. The Lightning Conductor. 21. Under Two Flags. 22. Gold. 23. House of the Dead. 24. The Woman with the Fan. 25. Indoors and Out. 26. Games of Patience. 27. The Destroyer. 28. Outdoors. 29. The Greater Power. 30. Stop Thief. 31. Turning Points in My Life. 32. The Eagles' Nest.

High Prices for Machinery

Farm machinery prices are high, and it is probable that they will be raised. Steel bars for example have advanced more than 150 per cent. The farm machinery companies, in order to get their supplies of steel, have found it necessary to send special representatives to Pittsburgh or other sources of supply. It requires not only the usual amount of negotiation and an unusual amount of money, but it takes the earnest and nearly tearful appeals of the buyers de-

livered in person to tap the sources of steel these days. Some of the railroads have engines standing in their round-houses because they cannot get the steel to repair them. A representative of one of the largest manufacturing interests in the country stated recently that his company had been able to get less than half its normal supply of steel this year. Steel is not only high, but it is hard to get at any price. This chill and steely indifference of the steel makers to the needy farm machine manufacturers is not difficult to

understand in the presence of the unusual foreign demand which now exists. The greatest war the world has ever had, a war fought with steel, steel contrivances, and steel sheathed ammunition is taxing the greatest steel industries the world has ever seen. Then there are unusual demands for steel and steel products at home, caused by the period of domestic prosperity which has followed good crops and a large export business. It is impossible to estimate how long this crisis in steel materials will last.

There are no present indications of a letdown in prices, and there is some belief that by April 1 the price of steel will be higher, rather than lower. Farm machine manufacturers are now placing their orders at the new prices. They have no alternative. No one knows when the war will end, or whether the price of steel will decline when it does end. Munitions contracts are still being placed, with the assumption that the war is to continue, orders for deliveries leading far into 1917.

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PURE BLOOD BLACK LANGSHAN CKLS. Scoring 94, eight pounders. Chas. Leeper, Harper, Kan.  
FOR SALE—CHOICE BLACK LANGSHAN cockerels. Mrs. Geo. W. Shearer, R. R. No. 5, Lawrence, Kan.  
BLACK LANGSHANS Sired by a 96 cockerel, son of first prize at Madison Square, and equally good hens. J. A. Lovette, Mullinville, Kan.

### LEGHORNS.

SINGLE COMB WHITE LEGHORNS, ALEX Spong, Chanute, Kan.  
FINE SINGLE COMB WHITE LEGHORN cockerels \$1 each. J. Stulp, Hartford, Kan.  
SINGLE COMB WHITE LEGHORN COCKERELS \$1.00. Mrs. Ennefer, Pleasanton, Kan.  
S. C. WHITE LEGHORN COCKERELS (Young strain). G. D. Willems, Inman, Kan.  
S. C. WHITE LEGHORN COCKERELS, \$1 and \$2 each. Mollie McBride, Mankato, Kan.  
FANCY ROSE COMB BROWN LEGHORN cockerels \$1.00 each. W. Giroux, Concordia, Kan.  
ROSE COMB BROWN LEGHORN COCKERELS 90c each. Albert Stahl, Louisburg, Kansas.  
SINGLE COMB BUFF LEGHORN COCKERELS \$1.25 each. C. J. Neilson, Leonardville, Kan.  
100 ROSE COMB BUFF LEGHORNS, HENS \$1.00. Cockerels \$1.50. Goldenrod Poultry Farm, Mesa, Colo.  
PURE BRED SINGLE COMB WHITE LEGHORN cockerels. Young strain. 6 for \$5.00. Ola Willour, Ransom, Kan.  
GOLDEN BUFF LEGHORN COCKS AND cockerels, bred to lay stock, \$1 to \$5 each. Pearl Haines, Rosalia, Kan.  
OUR SINGLE COMB BUFF LEGHORN chickens are leaders. Order now. Cocks and ckls. \$1.00 up. J. P. Rishel, Galatia, Kan.  
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SINGLE COMB BROWN LEGHORNS. Cockerel and pullet bred cockerels \$2 each. Utility birds \$1. Jno. Perry, Selma, Iowa.  
SINGLE COMB WHITE LEGHORN COCKERELS, Barron-Welch egg laying strain, \$1.00 up. Mrs. Will Wedd, Oak Hill, Kan.

### LEGHORNS.

YOUNG PURE BRED SINGLE COMB White Leghorn cockerels, 75 cts. each. Clyde Ramsey, Colony, Kan.  
SINGLE COMB WHITE LEGHORN COCKERELS \$1.00 each. Orders booked for eggs. Baby chicks. Write. A. Pitney, Belvue, Kan.  
200 SINGLE COMB BROWN LEGHORNS for sale. Both matings and utility stock, from \$1.00 up. G. F. Koch, Jr., Ellinwood, Kan., R. No. 3.  
"SUNNY SLOPE RANCH," HOME OF Grant's heavy laying Single Comb White Leghorns. Guaranteed stock, fertile eggs, lustrous chlx. Chas. Grant, Elk Falls, Kan.  
FOR SALE—S. C. W. LEGHORN COCKERELS. Scored by Judge E. C. Branch. Score card with each bird. Score from 90 to 93%. Price \$1.50 up. E. L. M. Benfer, Leon, Doniphan Co., Kansas.

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BLACK, WHITE AND BUFF MINORCAS. Breeding stock cheap. C. H. Bartholomew, Wichita, Kan.  
SINGLE COMB BROWN MINORCA PULLETS 50 cts. Cockerels \$1.25. Enclose stamp. Sarah Peters, Nashville, Kan.

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FINE WHITE ORPINGTON COCKERELS. One to three dollars. Mrs. John Roedel, Iola, Kan.  
PURE BRED S. C. BUFF ORPINGTON cockerels \$1.50. Mrs. E. B. Johnson, Netawaka, Kan.  
WHITE ORPINGTON COCKERELS FROM Federation winners \$2.00 to \$3.00. John Vanamburg, Marysville, Kan.  
FINE WHITE ORPINGTON COCKERELS—some from winners—two to five dollars. Mrs. Helen Lill, Mt. Hope, Kan.  
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BUFF ROCKS, WILLIAM A. HESS, Humboldt, Kansas.  
BARRED ROCK COCKERELS \$1.50 EACH. J. F. Padget, Bucklin, Kan.  
PURE BARRED ROCKS, COCKERELS \$2. Christina Bazil, Lebo, Kan.  
PURE BRED BARRED ROCK STOCK FOR sale. Mrs. H. A. Morgan, Jarbola, Kan.  
MAMMOTH SNOW WHITE ROCK COCKERELS. Charles Vorles, Wathena, Kansas.  
FINE BARRED ROCK COCKERELS \$1.25. W. Spealman, Marysville, Kansas, R. No. 2.  
WHITE ROCK COCKERELS, EXTRA FINE ones, \$2.00 each. M. J. Benson, Humboldt, Kan.  
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WHITE ROCKS, SIZE AND QUALITY, priced reasonable. Write G. M. Kretz, Clifton, Kansas.  
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PLYMOUTH ROCKS, PURE BARRED Rock cockerels \$2 to \$5. Mrs. H. G. Halloway, Fowler, Kan.  
FINE BARRED ROCKS, COCKERELS, \$1.00 and \$1.25 each. Pullet \$1.00. Mrs. S. Van Scoyoc, Oak Hill, Kan.  
WHITE ROCKS, COCKERELS, BEAUTIES, prize winners, farm raised. Cheap. Mrs. Ben Miller, Newton, Kan.  
LARGE WHITE ROCK COCKERELS \$1 and \$1.50 each. White guineas \$1 each. A. T. Garman, Courtland, Kan.  
FOR SALE—TOP NOTCH BARRED ROCK cockerels \$2 to \$5. Guaranteed satisfaction. James H. Parsons, Quinter, Kan.  
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EARLY HATCHED EXHIBITION AND utility Rhode Island Red Cockerels. Fourteen years' continuous breeding both combs. H. A. Sibley, Lawrence, Kan.  
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MAMMOTH WHITE HOLLAND TOMS \$4.00. Chas. McFadden, Morland, Kan.  
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### TURKEYS.

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WHITE WYANDOTTE COCKERELS. H. O. Collins, Fontana, Kan.  
WHITE WYANDOTTE COCKERELS \$2. John Kletchka, Willis, Kan.  
GOLDEN WYANDOTTE COCKERELS, \$1 to \$3. A. E. Roark, Scott, Kan.  
CHOICE BUFF WYANDOTTE STOCK. John P. Ruppenthal, Russell, Kan.  
WHITE WYANDOTTES, COCKERELS \$1.50 each. G. F. Brown, Lawrence, Kan.  
PARTRIDGE WYANDOTTE COCKERELS for sale. E. E. Grimes, Minneapolis, Kan.  
SILVER WYANDOTTE COCKERELS FOR sale. Henry Brunner, Rt. No. 5, Newton, Kan.  
PURE BRED WHITE WYANDOTTE COCKERELS at \$1.50 each. Mrs. Don Barry, Smith Center, Kan.  
SILVER LACED WYANDOTTE, CHOICE utility cockerels \$1.50 each. J. L. Benson, Olsburg, Kan.  
PURE BRED SILVER WYANDOTTE COCKERELS \$1.50 each. Mrs. Warden Hand, Ellsworth, Kan.  
BUY MY VIGOROUS WHITE WYANDOTTE cockerels this year. Dwight Osborn, Delphos, Kan.  
EXTRA FINE BRONZE WINNING WHITE Wyandotte cockerels at Ideal Poultry Farm, Concordia, Kan.  
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BARGAINS ALL VARIETIES CHICKENS, ducks, geese, turkeys, guineas, bantams. Bare Poultry Co., Box 870, Hampton, Iowa.  
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FANCY SWEET CLOVER SEED, PURE white, hulled, recleaned, price ten dollars per bushel. F. O. B. Florence, Kansas. Fancy alfalfa seed, recleaned for eight dollars and forty cents per bushel, will ship by freight or express, will not ship less than sixty pounds. Reference Florence State Bank. J. F. Sellers, Florence, Kan.

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MALE HELP WANTED.

MOLER BARBER COLLEGE. OLDEST and cheapest. Men wanted. Write for free catalogue. 514 Main St., Kansas City, Mo. SALESMEN WANTED FOR FRUIT AND ornamental trees. Experience unnecessary. Outfit free. Pay weekly. Carman Nursery Co., Lawrence, Kan., Dept. A. NO STRIKE: 8 HOUR DAY, MEN EVERY- where. Firemen, brakemen, baggagemen. \$120. Colored workers. Experience unneces- sary. 796 Railway Bureau, E. St. Louis, Ill. \$13.20 YEARLY BUYS OUR COMPLETE Protection Accident & Health Policy. No restrictions. Write giving age and occupa- tion. H. P. Gates, Mulvane Bldg., Topeka, Kan. BE AN AUTOMOBILE EXPERT. WE teach you by practical experience with tools. Write for free book today. Wichita Automobile School, 131 North Topeka Ave., Wichita, Kansas. WANTED 500 SALESMEN TO SELL MAGIC Motor Gas. One quart price \$2.00 equals 50 gallons gasoline. Not a substitute. Great- est product ever discovered. Large profits. Auto Remedy Co., 824 Chestnut, St. Louis, Mo.

CREAM WANTED.

CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kan- sas, buys direct from the farmer. Write for particulars.

AGENTS WANTED.

\$5000 LIFE INSURANCE, \$10,000 ACCI- dental death. \$25 weekly, sickness or ac- cident. No restrictions. Write giving age and occupation. Gates & Smelser, Mulvane Bldg., Topeka, Kan.

MISCELLANEOUS.

CONTAGIOUS ABORTION PREVENTED by R. Harold, Manhattan, Kan. HEAVES CURED OR MONEY BACK. Baird's Heave Remedy is guaranteed. Write Baird Mfg. Co., Box 201, Purcell, Okla., for particulars. FOR THAT CHRISTMAS PRESENT GET Ed Blair's new book, Sunflower Siftings, at dealers \$1.25 or sent by mail on receipt of price. Personal checks taken. Ed Blair, Ft. Scott, Kan. THOUSANDS U. S. GOVERNMENT JOBS now open to farmers. Men and women. \$65 to \$150 month. Common education suffi- cient. Write immediately for list positions easily obtained. Franklin Institute, Dep't S 51, Rochester, N. Y.

NEW 40-LB. FEATHER BEDS, \$8.25; 6-LB. pillows to match, \$1.15 per pair; new, live, clean feathers; best ticking; sold on money- back guarantee; write for free catalogue; agents wanted. American Feather & Pillow Co., Desk 228, Nashville, Tenn.

DON'T BUY A TRACTOR UNTIL YOU read about the many new and interesting machines in Motor Mechanics, Cleveland, Ohio. A big interesting, profusely illustrated, monthly magazine. Also covers autos, mot- orcycles, trucks, mechanics, lighting out- fits, etc. Full of valuable information you need. \$1.00 per year, 6 months trial 50 cents.

BIG BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the great- est 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.

Keep a Record of the Business

The farmer who wishes to make money out of his farming operations rather than merely pay expenses while waiting for land values to rise, finds that something more than experience is necessary. A proper system of account- ing for his farm, adapted to his condi- tions, is conducive to success. As little time as possible should be lost in entering records. The farm in- ventory should include a statement of all the farmer's land, buildings and equipment, livestock and produce on hand, and a list of debts that he owes other people or that others owe him. Under certain circumstances farmers may have little use for accounting, but there are times when several crops are competitive, and when the margins, if close, make it almost impossible to tell whether the farmer is profiting or los- ing without some kind of an account- ing system. The value of keeping a record is shown by taking as an example a boy coming to college with \$250. He goes to town and spends a dime or a quarter and keeps no record of his expenditures, and consequently at the end of the year wonders where his money has gone. If this boy had kept an account it would have been possible to have told at the end of every month that too much money had gone for the unimportant things and knowing what these were he could reduce these wasteful expenditures. This example also applies equally well to the farmer. If he could keep track of the profits and wastes he could change from crops that do not pay him to those that do.

Theodore Macklin, Kansas State Agricultural College.

Prizes for the Plucky Boys

(Continued from Page 3.)

as the boys whose names are published here have done. Sign the application coupon and line up for membership in the biggest and best pig club contest ever put on in any state. These counties have complete mem- bership enrolled since last report:

Table with columns: Name and Address, Age. Lists members from CHASE COUNTY, CHAUTAUQUA COUNTY, CLOUD COUNTY, and JEWELL COUNTY.

For Good Market Systems

(Continued from Page 6.)

most pressing problem is that of stan- dardizing, warehousing and marketing our crops to serve the legitimate inter- ests of farmers and consumers alike.

"Among the factors that stand out prominently in the problem are rural credits, a satisfactory system of land tenure, the co-operative purchasing of supplies, and facilities for marketing farm produce. These are subjects on which the Federal Department must do a lot of constructive work before the problems involved in them are satisfac- torily solved. It is a herculean task, filled with promise for the entire nation."

Much attention was given to the Fed- eral Farm Loan act. The advantages of this law were presented by James B. Morman, representing the Farm Loan Board. He showed the importance of this law to the farming of the country, especially in regard to the part it would take in lowering interest rates. While there was much discussion of the law, and a few objections proposed, it was evident that most of the farmers present favored it. It is expected that some changes may be made in the law from time to time, but it was believed by most of the delegates that an excellent start had been made.

FERTILE KANSAS LAND CHEAP

Those who located in Central Kansas 20 years ago are the big farmers today. Their land has made them independent.

Your chance now is in the five Southwestern Kansas coun- ties adjacent to the Santa Fe's new line, where good land is still cheap.

With railroad facilities this coun- try is developing fast. Farmers are making good profits on small investments. It is the place today for the man of moderate means. Wheat, oats, barley, speltz, kafir and broom corn, milo and feterita grow abundantly in the Southwest counties referred to. Chickens, hogs, dairy cows and beef cattle increase your profits. You can get 160 acres for \$200 to \$300 down, and no further pay- ment on principal for two years, then balance one-eighth of pur- chase price annually, interest only 6 per cent—price \$10 to \$15 an acre. Write for our book of letters from farmers who are making good there now, also illustrated folder with particulars of our easy-purchase contract. Address

E. T. Cartledge, Santa Fe Land Improvement Co., 1891 Santa Fe Bldg., Topeka, Kan.

Don't Wear a Truss



BROOKS' APPLIANCE the modern, scienti- fic invention, the won- derful new discovery that cures rupture will be sent on trial. No ob- noxious springs or pads. Has Automatic Air Cushions. Bands and draws the broken parts together as you would a broken limb. No salves. No ties. Durable, cheap. Sent on trial to prove it. Protected by U.S. Pat- ents. Catalog and meas- ure blanks mailed free. Send name and address today.

C. E. BROOKS, 344 State Street, Marshall, Mich

Three Dolls Free



The Dolls Won't Break Dollie Dimple is over 2 feet tall; very like a real baby in size. She can wear baby's clothes. She will sit or stand as you want her to. The two smaller dollies are Daisy Dimple and Dora Dimple. We want to give this doll family to a little girl—each home that receives this pa- per; or to some reader who will give it to a little girl friend. All three doll- ies are on one large sheet of heavy cloth ready to sew up on machine and stuff. So simple anyone can do it in 10 minutes' time.

How to Get These Dollies Free Send us a yearly subscription to Capper's Weekly at the regular rate of 50c, and these three dolls, one big one and two smaller ones, will be sent by return mail. CAPPER'S WEEKLY, Doll Dept. 4, Topeka, Kansas

We Will Send You FREE A Pair of Gloves

These gloves are made Gauntlet style from Automobile Tops and trimmings. They will outwear several pairs of ordinary leather gloves. They will protect your hands and are ex- ceedingly comfortable as they give plenty of finger freedom and they are

Water Proof These gloves are just the thing for automobile driving or work gloves. They are well made, pli- able and durable. We purchased a large supply of these gloves to give to our readers and we want you to write for your pair today.

FREE OFFER We will send one pair of these gloves to all who send us \$1.15 to pay for one yearly subscrip- tion to Mail and Breeze, or free for one three- year subscription at \$2.00. With this offer we will include a year's subscription to Capper's Weekly. New, renewal or extension subscriptions accepted on this offer. Farmers Mail and Breeze, Dept. G, Topeka, Kan.

# 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 discontinuance or change 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 close at that time and it is impossible to make any changes in the pages after they are electrotyped.

640 A. IMP. 300 a. wheat, 100 alfalfa. \$75 a. Terms. Box 125, St. Marys, Kan.

\$15 TO \$30 BUYS BEST wheat land in Gove Co. F. J. Highley, Grainfield, Kan.

FOR SOUTHERN KANSAS land information write Couch Land Co., Anthony, Kan.

3 SNAPS. Imp. 120 a. at \$40; 160 at \$55; 57 at \$90. Decker & Booth, Valley Falls, Kan.

160 A. IMPROVED, half cultivated, mile to town, \$5,000. Fred A. Reed, Salina, Kan.

RELINQUISHMENT. 320 acres of level wheat land, must sell. Box 364, Syracuse, Kan.

PROSPEROUS Meade County. Land, \$12 and up. No trades. J. A. Denslow, Meade, Kan.

NORTHEAST KANSAS bargains in bluegrass, timothy, clover and alfalfa farms. Exchanges. Compton & Keen, Valley Falls, Kan.

160 A. GOVE CO., KAN. Fine land, good for home or speculation. Must sell. \$11 an a. Terms. E. M. Sims, Owner, Hill City, Kan.

100 A., 1 1/2 mi. Lebo, Kan., 80 cult., 20 bluegrass pasture. \$75 a. Mtg. \$2500, 6 1/2%. Trade for mdse. Hedrick & Beschka, Hartford, Kan.

2300 A. BLUESTEM pasture land, \$30 an a. 320 acre farm, now improvements, \$45 acre. Five quarters Western Kansas wheat land cheap. Guss Schimpff, Burns, Kan.

WHEAT selling \$1.50 a bu. Have 480 acres, all best of land, mile and half out, 300 in wheat, 1/4 with sale, small imp., good water, only \$25.00 an acre. \$5,000.00 cash handles it. Other bargains in wheat land. Highly improved 80 acres, Riley Co., Kansas, snap price. R. C. Buxton, Utica, Kansas.

NESS COUNTY. 6 quarters to sell on "Wheat plan"—80% tillable; good, rich, level wheat land. 240 a. in cult., 8 mi. Ness City, 6 mi. Ransom. Might sell a section without the half. \$21 a. Terms, \$500 per quarter down, bal. all payable from crop, including 6% int. C. F. Edwards, Ness City, Kan.

FOR SALE. 183 acres located 1 1/2 miles from Oskaloosa, Kan. Well improved and all tillable. Price \$105 per acre. For better description and terms, write L. C. Arnold & Company, St. Joseph, Mo.

ONE OF THE BEST all purpose 1/4 sections in Graham County. For particulars write J. E. Thompson, Owner, Morland, Kan.

GOOD RANCH—480 acres, 1 mile shipping point on Santa Fe. 5 mi. county seat; smooth land, good buildings, a snap at \$35 per a. Write for list of farms and ranches. T. B. Godsey, Emporia, Kan.

312 A., 185 cult., 107 pasture, 20 timber; modern improvements. Water in house, barn and corral. Hydraulic ram from spring. 20 a. alfalfa; elevator. \$70 a. Reasonable terms. 80 a., 40 a. alfalfa, bal. meadow and pasture. Abundance water; \$7,000. J. B. Fields, Alma, Kan.

SELL LAND AND LOTS AT AUCTION. It is the surest, quickest, most successful method, proven by hundreds of auction sales this season. For terms, etc., write LAPE BURGER, LAND AUCTIONEER, Wellington, Kan.

3 QUARTER SECTIONS, 3 MI. BROWNELL. 100 a. in cult., 10 a. growing alfalfa; all fenced, no improvements. Price \$30 a. 10 years' time. Can be sold separately. Western Real Estate Co., Ellis, Kansas.

WE OWN 100 FARMS in fertile Pawnee Valley; all smooth alfalfa and wheat land; some good improvements; shallow water. Will sell 80 acres or more. E. E. Frizell & Sons, Larned, Kansas.

160 ACRES 6 miles of Ottawa, 1 mile of station. 155 acres tillable; 75 acres in blue grass pasture and timothy and clover hay meadow; fair 6 room house; good barn; fine location; 25 acres growing wheat. Price \$70.00 per acre, \$2,000.00 cash, remainder long time 6%. Casida & Clark, Ottawa, Kansas.

PROSPERITY IS FOUND in corn, wheat and clover land. Whole milk 46c per pound for butter fat; corn 90c per bushel, wheat \$1.75. Locate on one of our farm bargains close to Ottawa, Kansas. Take advantage of creamery and market. Write for list of any size farm you want. Mansfield Land Company, Ottawa, Kansas.

1740 ACRES, IMPROVED RANCH. Well watered. 75% tillable, 300 a. in wheat. \$15 an acre. Write for list of corn, wheat, alfalfa and ranch lands. Shimey-Ball Realty Co., Hutchinson, Kansas.

ONE OF THE BEST STOCK FARMS in Anderson Co., Kansas. Section of land near Colony; 100 acres cult.; bal. blue grass and native grass; good improvements. Extra well watered, valley land. Can be bought cheap. Address J. F. Ressel, Colony, Kan.

HOTELS My business is selling hotels. If you want to buy or sell write me E. COLTRANE, HUTCHINSON, KAN.

NESS CO. WHEAT LAND Write for free list and county map. Land, \$20 to \$30 a. G. P. Lohnes, Ness City, Kan.

WANT GOOD LAND CHEAP? We have it in Seward County. Ask for list or come and see Griffith & Baughman, Liberal, Kan.

For Sale 7400 a. Wallace Co. Well imp. 90% tillable. 800 cult. On main line U.P. \$74,000, 1/4 cash. Bal good terms. 601 Rorabaugh Bldg., Hutchinson, Kan.

For Sale—Quarter Section Well improved and watered farm, 5 miles southeast of Topeka on main traveled road. Owner non-resident. Price \$10,000; half cash. P. O. Box 433, Des Moines, Iowa.

160 Acres for \$1500. Near Wellington; good loam soil; 30 wheat, 63 past.; bal. cult.; good bldgs.; only \$45 an acre; \$1500 cash, \$300 yearly. Big snap. R. M. Mills, Schweiter Bldg., Wichita, Kan.

ROOKS CO. FARM 200 acres, 4 1/2 miles from Stockton, with a good 5 roomed house, good barn, room for 10 head of horses and 300 bushel bin, with hay mow, granary room for 1800 bushels, cow stable and sheds. 100 acres in cult. 100 rough pasture, 2 wells and 2 wind mills, three-fourths of a mile to school. Price \$40 per acre. A. L. Graham, Real Estate, Stockton, Kansas.

CHASE CO. STOCK RANCHES 640 a. improved; 2 1/2 miles railroad, 100 a. cult. 50 a. alfalfa. \$40 per a. Send for list. Stock ranches in best county in Kansas. Also alfalfa farms. J. E. Bocoek, Cottonwood Falls, Kansas.

NESS COUNTY Good wheat and alfalfa lands at from \$15 to \$30 per acre. Also some fine stock ranches. Write for price list, county map and literature. Floyd & Floyd, Ness City, Kan.

GOVE COUNTY this year has produced two million bushels of wheat from one hundred thousand acres. If you want good, rich wheat land at fair prices—\$15 to \$30 per acre—address J. E. Smith, Grainfield, Kan.

760 ACRE RANCH Eastern Kansas 3 miles County seat. 160 a. shallow water alfalfa land; 240 a. under cult., bal. mow land and pasture, living water. Modern ranch, 9 rooms; 2 barns, silo. Fine combination ranch and farm. Would take small farm as part payment. We have other bargains. Parish Investment Co., Kansas City, Mo.

To Close Estate will sell any part of 800 acres, Linn County, Kansas, at ten dollars an acre below its value before January first. This is one of the very best farms in the County, close to three good railroad towns, and will divide nicely into 160 acre and one 320 acre farms, or smaller. Four sets of buildings. Will take \$60 per acre, 1/4 down and the balance in ten annual payments at 6%. Will pay commission to agent. C. H. Kirschner, 1111 Commerce Bldg., Kansas City, Mo.

SOUTH DAKOTA SOUTH DAKOTA LANDS. On corn, alfalfa, and grain land, South Dakota gets as large an acre yield as states farther east where land is priced two to three times as high. The price raises every year and now is the time to buy. For State bulletins, address Department of Immigration, Capital E 3, Pierre, S. D.

## FOR SALE OR EXCHANGE

TRADES EVERYWHERE. Exchange book tree. Bersie Agency, El Dorado, Kan.

TRADES EVERYWHERE. Large list free. Reeve & Staats, Emporia, Kansas.

OZARKS OF MO., farms and timber land, sale or ex. Avery & Stephens, Mansfield, Mo.

FOR EXCHANGE: 3 flats, rental \$7,000. Leslie Land Co., 315 Ridge Bldg., K. C., Mo.

WHATEVER you may have for exchange write me. Eugene Oaks, West Plains, Mo.

1000 ACRES exchange for anything. 10 a. up. Timber, water and grass. S. A. Robinson, Southwest City, Mo.

THREE RANCHES in Elk Co. to exchange for wheat land, city property or small farm. F. J. Brown, Howard, Kansas.

IF YOU HAVE PROPERTY for sale or exchange write us. Real Estate Salesman Company, Department 4, Lincoln, Nebraska.

FARMS OF ALL SIZES in the Ozarks of Benton Co., Ark., for sale or exchange. What have you? Gentry Realty Co., Gentry, Ark.

300 ACRE ranch, blue grass, \$50 per a. Equity \$9,000. Want garage, good town; some cash. John W. Goff, Willow Springs, Mo.

GOOD FARM and home, 1 mile of the County seat near Houston, Tex. Fine, warm, healthy climate. No rock, sand, gravel or stumps. A fine proposition. Will exchange for northern property. Good reason. Write for description. Price \$65 an acre. J. F. Bacon, Owner, White City, Kan.

### MISSOURI

120 ACRES, 60 cult. Improved. Good water. \$2400. W. W. Tracy, Anderson, Mo.

120 A. IMP. Missouri land, \$1400. Exchanges made. D. Carlisle, Willow Springs, Mo.

HOMES in the Ozarks—an Impr. 120, \$600. Write for list. W. T. Elliott, Houston, Mo.

IMP. farms worth the money, stock, fruit and grain. McNabney & Sayre, Southwest City, Mo.

STOP! LISTEN! 160 a. valley farm, \$3,000. 5 room plastered house; near town. Good terms. Free list. McGrath, Mtn. View, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly, buys 40 acres good land, near R. R. town; some timber; price \$200. \$10 monthly buys 80 a. Write for list. Box 485-O, Carthage, Mo.

CENTRAL MISSOURI FARMS. Write for descriptive price list. Farms will prove profitable and satisfactory. Hamilton & Crenshaw, Box 7, Fulton, Mo.

TEXAS ALFALFA, hogs, corn, dairying, on irrigated farms. Northwest Texas. No floods, no droughts. Good climate, good schools, good roads, good water, good soil, good markets, good neighbors. Easy terms. Write to me about this land. Stevens A. Coldren, 601-4 Gloyd Bldg., Kansas City, Missouri.

PANHANDLE AGRICULTURAL LAND. We have hundred thousand acres of heavy, black, silty loam land, located in Lipscomb, Ochiltree and Hansford Counties, for sale, to actual farmers, in tracts of 160 and 320 acres. Small cash payment and liberal terms. Farmers in this section making money growing small grain and breeding and raising hogs and cattle. Write us for full information. We will gladly answer. Newman McNabb Land Co., Ochiltree, Texas.

FLORIDA TO SETTLE AFFAIRS of company will sacrifice 16,640 acres, admirably situated for cattle purposes. All kinds of forage, fruit and truck crops can be raised. Conveniently located between Miami and West Palm Beach; on canal and near railroad. Price \$10 acre; reasonable terms, might consider sub-dividing. Pasture all year round. Full information: A. W. Cain, 1010 Bisbee Bldg., Jacksonville, Florida.

### FARM LOANS

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

### ILLINOIS

FOR BARGAINS IN ILLINOIS FARMS, Address S. H. Morton & Co., St. Louis, Mo.

### WISCONSIN

30,000 ACRES our own cut-over lands; good soil, plenty rain, prices right and easy terms to settlers. Write us. Brown Bros. Lbr. Co., Rhinelander, Wis.

### ARKANSAS

190 ACRES, 25 cult., balance timber. \$15 a. W. D. Foster, Gravette, Ark.

93 A. IMP., 70 cult.; bottom land. \$5,000. T. F. Ohrane, Gravette, Ark.

40 ACRES, improved, 33 cult. \$2000. 1/4 cash. Terms. Fair, Centerton, Ark.

100 A. 5 mi. county seat. All timber. \$750. B. H. Atkinson, Berryville, Ark.

40 ACRES, IMP., 25 A. CULT. \$1,400.00. Moss & Hurluck, Silosau Springs, Ark.

IMPROVED FARMS \$10 an acre and up. Stroud & Benedict, Green Forest, Ark.

70 A., 50 CULT., fair improvements, 6 mi. R. R. town. Loving, Heber Springs, Ark.

43 A., ALL IN CULT. Fine improvements. 1 mi. from Leslie. \$2,150. Small first payment. Wallace Realty Co., Leslie, Ark.

FOR SALE, 15,000 ACRES good unimproved agricultural land. No hills, swamps nor overflows, close to good market town of 25,000; healthy, good schools; land can be put in cultivation cheap. The rent you are paying will pay for a farm. \$15 per acre, \$3 per acre down, bal. 10 years 6%. Frank Kendall Lumber Co., Pine Bluff, Ark.

COME TO CLEBURNE county, Arkansas. Land \$5 up; easy terms. Send for list. Claude Jones, Heber Springs, Ark.

80 ACRES, 30 in cult.; small house. Bal. timber. 5 mi. Marshall on turnpike road. Terms. \$10 a. Look Box 21, Marshall, Ark.

IF YOU WANT A HOME in the "Sunny South" with independence, comfort, health, good people, schools and churches, write R. W. Holland, Russellville, Ark.

42 ACRES, 4 mi. from County Seat; 20 acres in cultivation; 2 wells; 4 room house; nice orchard; a dandy little home for \$1000. Good terms on half. E. G. Oliver, Waldron, Arkansas.

397 A. BOTTOM and upland; 200 a. cult. On public highway, R. R. and phone. School and church close. Running water. 2 houses. 7 miles good town, 3 1/2 mi. R. R. switch. Bargain at \$20 per acre, 1/4 cash. Southern Trust Company, Little Rock, Ark.

760 ACRES, virgin timber. \$11,400. 395 a., 3 sets improvements. \$4,000. 180 a., 1/2 highly improved. \$4,000. 180 a., 1/2 highly improved. \$3,500. 80 a., 1/2 highly improved. \$1,500. 80 a., 1/2 highly improved. \$250. Heber Springs Development Co., Box 176, Heber Springs, Ark.

FOR SALE. Improved and unimproved tracts of land in Jefferson County, Arkansas, and vicinity; 40 acres and upward, \$17.50 per acre. Terms. No trades. Other lands same character in vicinity selling at \$25 per acre and upward. Mills & Sons, Box 387, Pine Bluff, Ark.

THE LAND OF OPPORTUNITY. Perry County, Arkansas. Improved farms; rich level land, soil that will produce wonderful crops of corn, wheat, oats, clover and alfalfa at prices ranging from \$15 to \$35 an acre. Good terms. Come, join a community with a future. Free literature. Write today. Chaffin-Colvin Land Co., Perry, Ark.

100,000 ACRES FOR SALE. Farms and ranches, any size, cash or terms, low prices, profit doubling values, no rock or swamp, fastest selling land in south; sure crops; pastures 3 head to acre; bears inspection. Free map and price list. Tom Blodgett, Little Rock, Ark.

### OKLAHOMA

BARGAIN, 160 a., 7 miles out. \$10 an acre. The Monzingo Agency, Fairview, Okla.

EASTERN OKLAHOMA farms, ranches, oil lands. \$5 up. Black Bros., Stillwell, Okla.

FOR SALE. Good farm and grazing lands in Northeastern Oklahoma. Write for price list and literature. W. C. Wood, Nowata, Oklahoma.

SEE THIS. 160 a. Joining R. R. town; 70 plowed; frame house; spring creek; 140 a. tillable prairie. A snap at \$2000. List and map free. Perry DeFord, Oakwood, Okla.

20 A., adjoining McAlester, city of 15,000. 1 mi. of \$150,000 P. O. 3 blocks \$28,000 ward school. 12 a. strictly first class dry black bottom land. Bal. pasture. Suitable for vegetables and poultry. \$50 a. Terms. Southern Realty Co., McAlester, Okla.

### COLORADO

IF YOU WANT cheap Eastern Colorado land, get my list. C. A. Pinkham, Holly, Colo.

FOR IRRIGATED FARMS and dry lands write King Realty Co., Greeley, Colo.

CHEAPEST choice half section RELINQUISHMENTS in Colorado, farm and ranch properties. Write for bargain list. Terral Land Company, Springfield, Colo.

### Cheap Farms and Ranches

I have the best cheap farms and ranches in the three best counties of east Colorado. Finest climate, soil, water, crops, schools, people, opportunities, the best stock country in the United States. Write for facts and my references. It will pay you. Get my lists. R. T. Cline, Brandon, Colo.

### NEBRASKA

FARMS and RANCHES: 160 to 4,000 a.; pay like rent. Write for photos and description. R. D. Drullner, Benkelman, Neb.

### FOR SALE AND EXCHANGE

FOR SALE AND EXCHANGE. Northwest Missouri, Iowa and Nebraska choice farms, the greatest grain belt in the United States. Get my bargains. M. E. Noble & Co., St. Joseph, Mo.

4,950 A. WALLACE CO., ALL SMOOTH. 100 in alfalfa, imp. Price \$55,000. Inc. \$15,000. Trade for Eastern land or income property. Write for exchange and sale list. Western Kansas Land, 601 Rorabaugh Bldg., Hutchinson, Kan.

GOOD HALF SECTION NEAR HUGOTON TO TRADE. Nice smooth wheat land. No improvements. All in grass. Near school. Good neighborhood. 11 miles from Hugoton. Price \$20.00 per acre. Mortgage \$1600 three years 7%. Will take good residence property or other income property in part payment. Might consider good touring car. Must be in good condition and clear of debt. Give full particulars first letter. Edmond Thayer, Liberal, Kansas.

TRADES Farms, property, stocks. Write Ochiltree, St. Joseph, Mo.

Farmers Mail and Breeze Pays Advertisers

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I have done better with the ad in your paper than I ever did before. I have been advertising in two other papers and yours brings me 10 inquiries to one I receive from both the others. Yours very truly.—Arthur Mosse, Breeder of Chester Whites, Leavenworth, Kan., Nov. 26, 1916.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Since January 1, 1916, I have received 240 inquiries and made 73 sales from my advertising in Farmers Mail and Breeze. I believe my ad is now in the eleventh year in Farmers Mail and Breeze without missing an issue. Have shipped stock to 14 states. Yours very truly.—D. O. Bancroft, Breeder of Duroc Jerseys, Osborne, Kan., Nov. 26, 1916.

JACKS AND JENNETS.

FOR SALE 6 Jacks, 6 Jennets, 3 Percherons and 1 Standard bred stallion. For information call on or address F. W. POOS, POTTER, KAN. (Barn 3 blocks north of depot)



15 JACKS 20 JENNETS

3 to 6 years old. 15 to 15 1/2 hands high. Excellent in bone, size and conformation. Write today.

Philip Walker Moline, Elk County, Kansas

HORSES.

For Sale: Home-Bred Stallions \$250 to \$400, except two. Also Draft Mares for sale. A. LATIMER WILSON, CRESTON, IOWA

Mammoth Jacks, Registered Percheron and Gilted. 75 head from: AL E. SMITH, LAWRENCE, KANS.

Percheron Stallions

A seven year old imported stallion, richly bred, weighing over 2100 pounds. Plenty of good colts to show. Also one of his good two year old sons out of a Casino dam. Write today. Edward Cooke & Son, Freeport, Kansas

Stock For Sale!

3 head of Standard bred colts; one brown filly 4 years old, stands 16 hands, weighs 1,200 pounds, has been tracked a little and shows lots of speed. Sire Paclolus Ellwood 50245, he by old Paclolus 9102; dam, Bessie Miller, by Tom Miller Jr., 2110. One black stud, 3 years old, has been tracked a little and is clever and very speedy. Stands 15 1/2 and weighs now 1,135. Drives single, and double. He is a full brother to the above mare. One black filly, 3 years old, name Luta Miller, stands 15 1/2, broken to drive, has same sire. Dam, Estan Seloita, by Symbolier 2:09. All these colts are extra big, male, greater part white in color. I want to sell all 6 head together. A few registered Jersey cows for sale.

I have 5 head of high grade Holstein heifers for sale. They are from 14 months to 3 years old; 3 giving milk and one springer. All are bred to my Holstein male. One Holstein male, coming 2 years old in April. This is an extra big male, greater part white in color. I want to sell all 6 head together. A few registered Jersey cows for sale.

O. L. Thisler, Chapman, Kansas



Woods Bros. Co., Lincoln, Neb.

Imported and Home-bred Stallions—Percherons, Belgians, Shires. 75 HEAD NOW IN OUR BARN. Our 1916 show record at the Nebraska and Kansas state fairs, Lincoln, Topeka and Hutchinson—37 first prizes, 14 senior and junior championships and 10 grand championships; 17 second prizes, 12 third prizes. And all of these were won in the face of strong competition. We have paid particular attention to quality, size, action, feet and legs. The imported horses direct from the Avelline stud reached our barns late in April. They are all outstanding horses. We invite the most careful inspection. Our prices, terms and guarantee will suit you. A. P. COON, Manager

Special Breeders' Rates

Advertising on this page, classified under your breed classification, costs 22c a line each issue. Six ordinary words will get in a line, without display. 14 lines make an inch. This is an inch space. Send in your copy now and pay for the service monthly or quarterly as you like. Address Farmers Mail and Breeze, Livestock Dept., Topeka, Kan.

BERKSHIRE HOGS.

BERKSHIRE PIGS Best of Breeding. Big type English. Either sex, \$10 each. Crated and papers furnished. R. J. LINSKOTT, HOLTON, KANSAS

SHEEP.

REGISTERED SHROPSHIRE RAMS Yearlings and two, square built, heavy backs with weight, bone and heavy fleece. Quick shipping facilities and priced cheap. 412 head. Near Kansas City. Howard Chandler, Chariton, Iowa.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan. John W. Johnson, N. Kansas, S. Neb. and Ia. 820 Lincoln St., Topeka, Kan. Jesse R. Johnson, Nebraska and Iowa. 1937 South 16th St., Lincoln, Neb. C. H. Hay, S. E. Kan. and Missouri. 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.

Combination Sales.

Jan. 27—Norton County Breeders' association, Carl Behrent, Sec., Norton, Kan. Percheron Horses.

Feb. 9—Breeders' combination sale, Manhattan, Kan.

Feb. 17—C. H. Payton, Norton, Kan.

Feb. 22-23—Nebraska Pure Bred Horse Breeders' Association, sale at Lincoln, Neb. C. F. Way, Sec.-Treas., Lincoln, Neb.

March 14—W. T. Judy & Sons, Kearney, Neb. Jacks and Jennets.

Feb. 22—M. H. Roller & Son and Bruce Saunders, Holton, Kan.

Hereford Cattle.

Feb. 24—C. F. Behrent, Norton, Kan.

Feb. 26—Combination sale at Hays, Kan. Prof. W. A. Cochel, Manhattan, Kan., Mgr.

Feb. 27—Combination sale, Manhattan, Kan. Prof. W. A. Cochel, Manhattan, Kan., Mgr.

Holstein Cattle.

Dec. 20—Lee Brothers & Cook, Harveyville, Kan.

Dec. 21—A. L. Fellows, Clay Center, Kan.

Feb. 21—Nebraska Holstein Breeders' Consignment sale, South Omaha. Dwight Williams, Sales Manager, 4110 Davenport St., Omaha, Neb.

Feb. 6—H. C. Glessman, South Omaha, Neb. Shorthorn Cattle.

Dec. 19—D. N. Price, Baileyville, Kan. Sale at Seneca, Kan.

Dec. 19-20—Breeders' Annual Com. Sale, So. Omaha, Neb. C. A. Saunders, Manila, Ia., Sales Mgr.

Dec. 21—Breeders' Consignment sale, Grand Island, Neb. J. C. Price, Lincoln, Neb., sale manager.

Dec. 28—B. M. Lyne, Oak Hill, Kan., at Abilene, Kan.

Jan. 10—W. P. Kuehn, Red Cloud, Neb.

March 13—Blank Brothers & Kleen, Franklin, Neb. Sale at Hastings, Neb.

March 14-15—Highline Shorthorn Breeders' Ass'n, Farnam, Neb. E. W. Crossgrove, Mgr., Farnam, Neb.

March 28—F. A. Egger, Roca, Neb.

Mar. 30—H. C. McKelvie, Lincoln, Neb., Mgr. Combination sale at South Omaha.

Polled Durham Cattle.

March 14—W. T. Judy & Sons, Kearney, Neb.

Mar. 29—H. C. McKelvie, Lincoln, Neb., Mgr. Combination sale at South Omaha.

Poland China Hogs.

Jan. 16—D. C. Lonergan, Florence, Neb.

Jan. 27—J. B. Roberts, Pierce, Neb.

Feb. 6—Smith Brothers, Superior, Neb.

Feb. 7—T. F. Walker & Son, Alexandria, Neb.

Feb. 8—Wm. McCurdy & Son, Tobias, Neb.

Feb. 8—J. B. Swank & Sons, Blue Rapids, Kan.

Feb. 9—Frank J. Rist, Humboldt, Neb.

Feb. 12—W. E. Willey, Steele City, Neb.

Feb. 15—T. W. Cavett, Phillips, Neb. Sale at Aurora, Neb.

Feb. 17—S. A. Nelson & Sons, Malcolm, Neb.

Feb. 19—C. Lionberger, Humboldt, Neb.

Feb. 21—O. B. Clemetson, Holton, Kan.

Feb. 22—A. J. Erhart & Sons, Ness City, Kan. Sale at Hutchinson, Kan.

Feb. 23—Olivier & Sons, Danville, Kan.

Feb. 24—C. F. Behrent, Norton, Kan.

Feb. 28—Clarence Dean, Weston, Mo.; sale at Dearborn, Mo.

Feb. 28—John Nalman, Alexandria, Neb.; sale at Fairbury, Neb.

Feb. 28—Agricultural College, Manhattan, Kan.

Duroc Jersey Hogs.

Jan. 22—Geo. Briggs & Sons, Clay Center, Neb.

Jan. 23—H. A. Deets, Kearney, Neb.

Jan. 31—J. H. Proett & Son and H. J. Nachingall & Son, Alexandria, Neb.

Feb. 1—Theo. Foss, Sterling, Neb.

Feb. 1—Philip Albrecht & Sons, Smith Center, Kan.

Feb. 7—F. J. Moser, Goffs, Kan.

Feb. 8—Dave Boserger, Cortland, Neb.

Feb. 8—J. B. Swank & Sons, Blue Rapids, Kan.

Feb. 16—J. C. Boyd & Son and Ira Boyd, Virginia, Neb.

Feb. 28—Agricultural College, Manhattan, Kan.

March 14—W. T. Judy & Sons, Kearney, Neb.

March 15—W. T. McBride, Parker, Kan.

Hampshire Hogs.

Feb. 26—A. H. Lindgren, Jansen, Neb.; sale at Fairbury, Neb.

Feb. 27—Carl Schroeder, Avoca, Neb.

Chester White Hogs.

Feb. 23—Henry Fehner, Higginsville, Mo.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

W. W. Jones, Clay Center, Kan., offers 50 Duroc Jersey pigs of October and September farrow. If you want as good breeding as can be found anywhere and at prices that will be found very reasonable write to W. W. Jones. Look up his advertisement in this issue of the Farmers Mail and Breeze and write at once.—Advertisement.

V. A. Plymat, Barnard, Kan., offers 12 Shorthorn bulls that will be ready for service in the spring. Four of them are polled and eligible to registry in the Polled Durham book. Mr. Plymat is an extensive breeder of both horned and polled Shorthorns. These bulls are not conditioned up

HAMPSHIRE HOGS.

Sold on Approval Two perfectly marked boars, choice gilts open or bred to Wempe's Model, by Paulsen's Model, the \$800 boar. Also pigs just weaned. F. B. Wempe, Frankfort, Kan.

REGISTERED HAMPSHIRE 150 gilts and boars, all ages. Cholera immuned Satisfaction guaranteed. C. E. LOWRY, Oxford, Kan.

Shaw's Hampshires 150 registered Hampshires, nicely belted, all immuned, double treatment. Service boars and bred gilts. Satisfaction guaranteed. Walter Shaw, R. 6, Wichita, Kan.

CHESTER WHITE AND O. I. C. HOGS. O. I. C. HOGS For sale—Yearling boar, Spring and Summer pigs, bred gilts and tried sows. Priced to sell. A. COOK, LURAY, KANSAS

Edgewood Farm Herd Chester Whites Spring boars with length, size, bone and quality sired by Don Ben 2nd and Sweepstakes. HENRY MURR, Tonganoxie, Kan.

Percherons—Belgians—Shires 39 heavy 3 and 4 year registered Percheron stallions, 68 rugged 2 year olds, 41 yearlings. Can spare 25 registered mares from my herd. 24 registered Belgian stallions, 11 registered Shire stallions. Sires and dams brought over from France, Belgium and England. FRED CHANDLER, Route 7, Chariton, Iowa. Near Kansas City.

Redline Stock Farm Percherons

ILLICO 81462, Imported by Watson, Woods Bros. and Kelly is a beautiful black stallion with all the proof you will want that he is a great foal getter. BONAPARTE 101896 was foaled in 1915 and was the second prize winner in class that fall at the Iowa state fair. He is now a beautiful black weighing about 2000. KANGOROU STAR 122197 was foaled in April 1914. He is a beautiful black stallion and was sired by C. W. Lamer's great prize winning Kangorou. The above Stallions are for sale and any man wanting Percheron stallions that are right in every particular should visit Glasco and investigate these stallions and what they have done for this vicinity. Write for further information. I also offer a big boned Mammoth Jack. Address, GEO. W. NOWELS, Glasco, Kan.

1870 Pioneer Stud Farm 1916

Established 1870 50 Registered Stallions and Mares Just arrived. A new shipment of Stallions and Mares. If you are in the market for a good Percheron stallion or mare now is the time. We can show you more bone, size, action and conformation than you will see elsewhere. Write or come today. H. B. LAMER C. W. LAMER & SON, Salina, Kansas C. W. LAMER

Auctioneers Make \$10 to \$100 Per Day

December 4th, Actual Practice four weeks term opens. January 1st, Regular four weeks term opens. December is the one big buying month and if it is auctioneering you want you will sure get the work. G. A. Hendrickson will give you voice training and W. B. Carpenter will tell you the things an auctioneer should know. You can attend both terms for the one tuition or you may get diploma for the December term if efficiency is shown. At the regular term all instructors will be present, but not all at the same time. Are you coming?

Missouri Auction School Office 3rd Floor, 818 Walnut Street, Kansas City, Missouri

Shorthorns—Poland Chinas

Hill Top Stock Farm's Annual Sale at D. J. Bear's Sale Barn

Abilene, Kansas, Thursday, December 28

19 head of cattle will be sold in this good draft sale, consisting of 10 bulls ranging in age from 10 to 20 months old. All Scotch topped and by Red Laddie 353594, he by Captain Archer. There will be seven cows bred to Violet Search 508055 by Searchlight. All are showing calf heavily. Also two Red Laddie Heifers that were prize winners last fall. They will be sold open. It is a good honest offering of cattle in their every day dress.

14 bred Poland China gilts will be sold. They are actual tops and selected for this sale. They are bred to Kansas Wonder, by Big Bob Wonder, for March and April litters. They are Nebraska type breeding and are strictly of the larger type. I will also sell two spring boars that are right in every way. This is my regular annual sale at Abilene and I am putting in the best. For catalog address

B. M. LYNE, OAK HILL, KANSAS Auctioneers—Lafe Burger, Jas. T. McCulloch, J. G. Engle, E. L. Hoffman. Fieldman—J. W. Johnson. (Mention the Farmers Mail and Breeze when you ask for a catalog.)

CHESTER WHITE AND O. I. C. HOGS.

CHESTER WHITE HOGS Fashionable breeding. Excellent quality. Prices reasonable. E. E. SMILEY, PERTH, KAN.

Kansas Herd Chester Whites I offer 40 extra choice spring boars and gilts, nothing better. Also 47 fall pigs, either sex, in pairs and trios. Bargains! Farmer's prices for the best to be had. ARTHUR MOSSE, LEAVENWORTH, KAN.

O. I. C. Fall Boars for sale. Also booking orders for spring pigs, both sexes. Everything immune. Registered free. F. C. COOKIN, RUSSELL, KAN.

FEHNER'S O. I. C. Herd headed by the \$500 Eagle Archie first prize aged boar at Sedalia, 1916. We offer 100 selected spring pigs, a number by a son of Eagle Archie, every one immune and shipped on 10 days' approval. Henry Fehner, Higginsville, Mo.

SILVER LEAF O. I. C.'s. A few fine early spring gilts bred to farrow the last of February. A fine bunch of August pigs, either sex, of the most popular blood lines. Ship any of these on approval. C. A. CARY, Route 1, Mound Valley, Kan.

**LIVESTOCK AUCTIONEERS.**  
**Jas. T. McCulloch, Clay Center, Kan.** References to the breeders I am selling for every year. Write for open dates.

**FLOYD YOCUM** LIVESTOCK and REAL ESTATE AUCTIONEER ST. JOHN, KAS.

**Rule Bros., H. T. & R. D., Ottawa, Kan.** Livestock sales a specialty. Write for dates.

**POLAND CHINA HOGS.**

**BIG MEDIUM POLANDS** The smoothest big March boars and gilts at private sale. Prices right. **C. D. CLOSE, GORHAM, KANSAS (Russell County).**

**BIG APRIL BOARS BY YOUNG AMAZON** Smooth, heavy bone also fall pigs by half ton boars. Beauties at bed rock prices. **W. O. MILLIGAN, Clay Center, Kan.**

**Baby Pig Bargains**

Choice Poland China pigs. Just weaned, either sex, sired by King of Kansas and Long Jumbo Jr., at \$12.50 each. Pedigree with each pig. You can't beat this. **J. L. GRIFFITHS, RILEY, KANSAS.**

**Stretchy Boars: Gilts All Bred**

Boys entering Copper Pig Club write me today for my special offer on bred gilts. Fall and summer boars and gilts. Write today. All immune. **W. A. MCINTOSH, COURTLAND, KANSAS**

**FAIRVIEW POLAND CHINAS**

10 large, heavy-boned March boars, ready for immediate service. Special prices on early orders. Also bred sows and gilts. Write us. **P. L. WARE & SON, PAOLA, KANSAS**

**Fashionable Stock Place**

**Big Type Poland Chinas** April boars and gilts. Can sell stock not related. All immune. Satisfaction guaranteed. **V. O. JOHNSON, AULNE, KANSAS.**

**I Ship On Approval**

Best of big type breeding Poland China boar and gilts no relation; also a fine lot of summer and fall pigs at farmer's prices. Immune and guaranteed every way. **ED. SHEEHY, HUME, MISSOURI**

**Albright's Private Sale**

of more quality, big type Poland China spring boars and gilts is now on. You can't beat my spring boars at the price. Also open gilts. **A. L. ALBRIGHT, WATERVILLE, Kan.**

**Original Big Spotted Polands**

75 fall pigs, pairs and trios not related. Pedigrees with each pig. Big litters. Address **ALFRED CARLSON, Cleburne, Kan.**

**20 March and April Boars**

sired by the Best 1915 son of King of Kansas and out of 600 and 700 lb. dams. Will weigh around 225 and 250. Farmer's Prices for 30 days. **H. J. GRIFFITHS, Clay Center, Kan.**

**N. M. Bailor & Son, Polands**

Spring boars for sale. Big, growthy kind and priced reasonable. Also pigs at weaning time. Write at once. **N. M. BAILOR & SON, ALLEN, KANSAS**

**BLOUGH'S BIG POLANDS**  
 Private Sale at Farmers Prices  
 Extra good March boars sired by Big Black and out of 550 and 700 pound dams. Get my private sale prices before you buy.  
**John M. Blough, Bushong, Kan.**

**Private Sale**  
 March boars by the half ton Hercules 2nd. Choice gilts same age. Summer and fall pigs at bargain prices. Summer pigs ready to ship. Pedigree with each pig.  
**ANDREW KOSAR, DELPHOS, Kan.**

**ERHART'S BIG POLANDS**

Home of more prize winners than any herd in the West, headed by the grand champion Big Hadley Jr.; large, roomy, prolific sows. Am pricing the grand champion boar Robidoux; also special prices on fall and spring boars. A number of herd headers among them priced for quick sale.  
**A. J. ERHART & SONS, Ness City, Kan.**

**SPOTTED POLANDS**

Private Sale  
 16 spring gilts bred or open to suit purchaser. Also six boars, old enough for service. Write for prices.  
**R. H. McCUNE, LONGFORD, Kan., (Clay County)**

**As Good As Grows**

Comparison with other herds most earnestly invited. Smooth, Extra Smooth Price and Extra Smooth Price 2nd, herd boars at the top. History makers.  
**L. C. Walbridge, Russell, Kansas**

to make them sell but are in good breeding form and they will go on the average farm and thrive and do well. Write Mr. Plymat if you need a bull, either polled or horned.—Advertisement.

**R. H. McCune, Longford, Kan.,** breeds the old original Spotted Poland China hog. He has certainly the big litter kind and if you are at all interested in big litters and big hogs you should get in touch with Mr. McCune. Look up his advertisement in this issue of the Mail and Breeze.—Advertisement.

This is the last call for the D. N. Price sale of Shorthorn cattle at Seneca, Kan., next Tuesday, December 19. The sale will be held in the sale pavilion. Thirty-five head will be sold, consisting of 31 cows and heifers and four bulls. Seven of the cows will have calves at foot. Look up the advertisement in this issue of the Farmers Mail and Breeze.—Advertisement.

**Joe Baxter, Clay Center, Kan.,** is advertising in the Short section of the Farmers Mail and Breeze double standard and horned Shorthorn cattle. He is offering a splendid 3-year-old bull, a grandson of Gallant Knight, that should be investigated by those wanting a good herd bull. Also two 7-months-old grandsons of the great True Sultan, one of them polled. Also some cows and heifers. Look up the advertisement and write Mr. Baxter at once.—Advertisement.

**Chester A. Chapman, Ellsworth, Kan.,** offers a splendid bargain in a tried Shorthorn bull 3 years old. He is a pure Scotch bull and they are keeping every heifer he has ever sired. He is a bull of splendid disposition and an exceptional breeder. He is a deep red and simply good all over. You better look up his advertisement in this issue of the Farmers Mail and Breeze and write him at once. He also offers some nice bull calves ready for service in the spring.—Advertisement.

The **L. C. Walbridge** herd of Poland Chinas at Russell, Kan., is one of the largest in the state. At present it contains about 300 head with 50 very high class sows. Mr. Walbridge has at the head of this herd three exceptionally high class boars. The card announcement for the Walbridge offering appears regularly in Farmers Mail and Breeze. If you want high class Poland Chinas bred and developed by a high class man, write L. C. Walbridge, Russell, Kan., and mention Farmers Mail and Breeze.—Advertisement.

**A. J. Turinsky, Barnes, Kan.,** is changing his Duroc Jersey advertisement in this issue of the Farmers Mail and Breeze. He is offering a few good boars of spring farrow. These boars are growthy, heavy boned, square built fellows of popular breeding and will be shipped on approval. Mr. Turinsky is also offering for sale one of his good herd boars, Freed's Ames Colonel 199993, a grandson of the noted big type sire, King the Col., and the grand champion Freed's Col. This boar is a yearling, a tried sire and a splendid individual. Write Mr. Turinsky for further information about these boars.—Advertisement.

**Scotch Shorthorn Bulls.**  
**C. W. Taylor, Abilene, Kan.,** is offering some choice young Scotch and Scotch topped Shorthorn bulls. They are by Valiant 346162, a Victoria, and Meringo Pearl, a Lavender bred bull. Look up his card and write him at once if you need a bull. The farm is in Dickinson county and Mr. Taylor lives in Abilene and would be pleased to have anyone interested in his bulls come to Abilene and he will take them to the farm. Write at once if you need a good bull.—Advertisement.

**A Big Holstein Sale.**  
 This is the last call for Lee Brothers & Cook's big Holstein sale at the farm near Harveyville, Kan., Wednesday, December 20. It is a big offering of 100 head. There will be 35 head of mature cows that are fresh or will freshen very soon. Twenty 3 year heifers that will freshen right away. Twenty 2-year-old heifers that are bred to freshen soon. Also a string of nice yearling heifers. Lee Brothers of Harveyville are well known stockmen and are perfectly reliable. Every animal that is more than 6 months old is tuberculin tested. Go to this sale.—Advertisement.

**Some Good Percherons.**  
**George W. Nowels, Glasco, Kan.,** is starting an advertisement in this issue of the Farmers Mail and Breeze in which he is offering for sale three great Percheron stallions, registered in the Percheron Society of America. These stallions have all been in service on the Redline Stock Farm and the best evidence in the world of the value of a sire is his get and you can find plenty of that kind of evidence in the vicinity of Glasco. Write for further information about these stallions if you want to buy and do it at once. Look up his advertisement in this issue.—Advertisement.

**Bleam's Shorthorn Bulls.**  
**W. F. Bleam & Sons, Bloomington, Kan.,** (Osborne county) are well known breeders of Shorthorn cattle. At present they offer an unusually strong lot of bulls from 15 to 18 months old. Also a string of extra choice bulls from 6 months old to yearlings. They are reds and roans and have from four to six Scotch crosses. The older bulls are by Scotchman, by Imp. Royal Pride. Some are by Master Butterfly 5th, by Searchlight, Secret Sultan and Master Butter Cup 5th head the herd at present. There are over 100 registered breeding cows in the herd. If you want a choice bull at a reasonable price you better write the Bleams at once. Look up their advertisement in this issue of the Farmers Mail and Breeze.—Advertisement.

**Shorthorn and Poland Sale.**  
 December 28 is the date of B. M. Lyne's annual Shorthorn and Poland China sale at D. J. Bear's sale barn, Abilene, Kan. Mr. Lyne lives near Oak Hill, Kan., where he has a fine farm but to better accommodate his customers he goes each year with his sale to Abilene. He is selling 19 Shorthorns consisting of 10 bulls from 10 to 20 months old and seven cows that are showing calf, by his new Searchlight bull, Violet Search 508055. There will also be two choice red Laddie heifers that were prize winners last fall. They will be sold open. All are good honest cattle as Mr. Lyne always sells and they will be in every day clothes and not pampered. The Poland China offering consists of 14 bred gilts to farrow in March and April and two spring boars that are good. It is the best of big type breeding.

**MULE FOOT HOGS.**  
**200 Immune Mulefoot Hogs** all ages, priced to sell. 80 Big-Type sows, bred to champion boars. Catalog free. **C. M. THOMPSON, LETTS, MO.**

**DUROC-JERSEY HOGS.**  
 Pure bred Du or boars and Red Polled bulls. **W. J. HARRISON, AXTELL, KANSAS.**

**HIRSCHLER'S DUROCS** Best of breeding. Spring boars ready for service. Gilts bred or open. Priced for quick sale. Write today. **E. L. HIRSCHLER, HALSTEAD, KANSAS**

**Country Gentleman 132541** Last chance to get boars sired by this great boar. Also some good ones by Gold Medal 176231. We are keeping his gilts and offer him for sale. Everything immune and farmer's prices. **W. E. HUSTON, AMERICUS, KANSAS**

**Trumbo's Durocs** July boars \$15 Am booking orders for bred gilts, also fall boars. All immune. Satisfaction guaranteed. **WESLEY W. TRUMBO, PEABODY, Kan.**

**DUROC-JERSEY BRED GILTS** A few nice ones for sale bred to Highland Cherry King. Close prices on these fine gilts. Also fall pigs, both sexes, at bargain prices. **R. P. WELLS, FORMOSO, KANSAS**

**Duroc-Jerseys**  
 Johnson Workman, Russell, Kansas

**DUROCS ON THE BARGAIN COUNTER** Tried sows, fall yearlings gilts bred for early litters, April boars, July and September boars and gilts are ready for immediate shipment and every one priced worth the money. Write me what you want to buy. **J. E. WELLER, FAUCETT, MISSOURI**

**Guaranteed Duroc Bred Gilts** Immune Duroc Jersey gilts with size, bone and stretch. Guaranteed in farrow. Shipped to you before you pay. **F. C. Crocker, Box B, Filley, Neb.**

**Big Type Herd Boars** 25 husky spring boars. Crimson Wonder, Illustrator, Good Knuff, Golden Model breeding. All immune. Prices right. Descriptions guaranteed. **G. M. Shepherd, Lyons, Kan.**

**BONNIE VIEW STOCK FARM** Duroc-Jerseys Spring boars and one fall yearling boar for sale. **SEARLE & COTTE, BERRYTON, KANSAS**

**40 Growthy Duroc-Jerseys,** Spring and fall yearling boars with breeding, bone and quality. The kind that have always pleased. We ship on approval. I've got one for you. **GEO. W. SCHWAB, CLAY CENTER, NEBRASKA.**

**DUROCS of SIZE and QUALITY** Herd headed by Reed's Gano, first prize boar at three State fairs. Spring boars and gilts, from the champions: Defender, Superba, Crimson Wonder and Golden Model breeding. **JOHN A. REED & SONS, Lyons, Kansas**

**JONES SELLS ON APPROVAL** This means just what it says. 50 Sept. and Oct. Duroc Jersey pigs. Write for breeding and I will convince you. Pedigree with every pig. **W. W. JONES, CLAY CENTER, Kan.**

**Taylor's World Beater Durocs** The large good kind of spring boars \$25 each. Booking orders for fall weaned boars \$12.50; also sow pigs \$14. Prepay express charges on weanlings anywhere in Missouri, Kansas or Oklahoma. **JAMES L. TAYLOR, OLAN, MILLER CO., MO.**

**NO.'S CHAMPION HERD OF DUROCS** Boars, Boars, Boars. We have them with champion blood on both sire and dam's side. Every one champion bred. These boars must move at once. Write for breeding, description and prices. **CHAS. L. TAYLOR, OLAN, MISSOURI**

**BALDWIN DUROCS** Open gilts \$20, or for \$30 will keep and breed to "Graduate Prince", our new herd boar, that has won as many State Fair prizes and sired as many prize winners as any boar in the state. Weight 900. Call and see him. Service boars \$25. Some extra choice baby boars at \$15-50. Sired by "Model Top Again," a prize winner at both the Kan. State fair last year. Order now \$100 takes the pick of our baby Shorthorn bulls. **R. W. BALDWIN, Conway, Kan.**

**Norton County Breeders Association** SAMUEL TEAFORD, President CARL BEHRENT, Secretary  
 Norton County Fair, August 29, 30, 31, Sept. 1, 1917  
**H. A. JOHNSON, President**  
**FRED STROHWITZ, Secretary**

**For Quick Sale** 12 extra choice spring Poland China Boars. Big type and good all over. Farmer's prices. **C. F. Behrent, Orozoco, Kan.**

**20 Poland China Boars** by Panama Giant by The Giant by Big Ben. Strictly good ones at fair prices. Write at once. Can ship over Rock Island or Burlington. **J. F. FOLEY, Orozoco, Kan.**

**Poland China Pigs.** 25 fall pigs at low prices. Either sex. Can ship over Rock Island or Mo. Pacific. **Geo. W. Goodman, Lenora, Kan.**

**Poland China Bred Gilts** Some very choice spring gilts sold either bred or open. Write for prices. **PETER LUFT, Almena, Kan.**

**Shorthorns** Six dark red bulls nine to eleven months old. Pioneer, a grandson of Avondale and Whitehall Sultan heads our herd. **N. S. LEUSZLER & SON, Almena, Kansas.**

**DUROC-JERSEY HOGS.**  
**HIGH CLASS DUROCS** Spring boars by our herd boars, also Elk Col., by Perfect Col. Grand champion Ill. State Fair. 2 extra good fall boars. **R. T. & W. J. Garrett, Steele City, Neb.**

**Immune Duroc Boars** Herd headed by farmer's kind, bred close to grand champions on both sire and dam side. Prices reasonable and satisfaction guaranteed. Write today. **G. B. Woodell, Winfield, Kan.**

**Private Sale, Boars and Gilts** 20 Duroc Jersey boars, March farrow and 15 gilts same age. Priced to sell. Also a choice lot of fall pigs, either sex. Address **A. E. Sisco, Topeka, Kan., Phone (3026 Wakarusa)**

**Bancroft's Durocs** Guaranteed immune. No public sales. Fair private sale. Spring boars and gilts open or will breed to order for spring farrow. Pairs or trios not related. September pigs weaned November 1st. **D. O. Bancroft, Osborne, Kans.**

**Duroc-Jerseys** BREEDING, SIZE AND QUALITY Boars and gilts by Crimson Orion King 105345, A King the Col. 149309, Pal's Col. Jr. 64879a, Golden Model Again 155043, Ohio Kant Be Beat 69077, Crimson Good Knuff 168341. Gilts may be bred to our great herd boars, Crimson Orion King, Premier Illustrator, Valley King the Col. **LANT BROS., DENNIS, KANSAS**

**MARCH DUROC-JERSEY BOARS** 20 March boars, brothers to the gilts reserved for our annual bred sow sale in February. A variety of breeding unexcelled in the West. Individual merit with breeding. Close prices to move them quickly. **Howell Bros., Herkimer, Kansas (Marshall County)**

**Brookdale Durocs** Are shipped on approval. Still have for sale some good spring boars. Am also offering an extra good yearling herd boar, Freed's Ames Colonel 199993. Grandson of King the Col. and the Grand Champion Freed's Col. Write for particulars and reasonable prices. **A. J. TURINSKY, BARNES, KANSAS**

**Home of Fancy Pal** BRED SOW SALE FEB. 7 at Sabetha, Kans. Some choice April boars, big, stretchy fellows, at farmer's prices. Write at once for bargains in boars. **F. J. MOSER, GOFF, KANSAS**

**GUERNSEY CATTLE.**  
**For Sale: 3 Registered Guernsey Bulls** Glenwood breeding, 6, 10 and 15 months old. Write for description and photos. **John Ferronoud, Humboldt, Kan.**

**REGISTERED GUERNSEY COWS AND HEIFERS** Heavy producing strain, rich in Advanced Register blood lines. 1 to 4 years old. **MAPLE GROVE STOCK FARM, BILLINGS, MISSOURI**

**AYRSHIRE CATTLE.**  
**Louellaland Farm Ayrshires** JOHNSON'S GLORY LAD 18848 IN SERVICE. For sale, a very choice four months old bull, sired by MARQUIS OF LOVELAND and out of a fine daughter of the great breeding bull GARLAND MEL-ROSE 21335. No better breeding in herd books. First check for \$75 buys this bull. **JOHNSON & MATTHEWS, R. 1, Alta Vista, Kan.**

**Percherons--Shorthorns--Polands** October gilts, bred or open, for sale. Barmston Bruce, by Lord Bruce heads my Shorthorn herd. **C. E. Poland, Almena, Kan.**

**We Have 3 Shorthorn Bull Calves** for sale Got by a Imp. White Hall Sultan and out of cows of the late Shorthorns and Golden Fame Strains. **J. W. Luff & Son, Almena, Kan.**

**Percherons--Shorthorns--Polands** A few nice spring gilts, by Jumbo Prospect, by Luff's Orange for sale open or bred to order. **C. E. Whitney, Almena, Kansas.**

**COL. W. M. PATTON, Livestock Auctioneer** ALBANY, KANSAS Address as above

**COL. C. H. PAYTON** Purchased stock sales and big farm sales all over the state. Write or phone. **NORTON, KANSAS**

**L. J. Goodman, D.V.M.** Lenora, Kan. Hog vaccination a specialty.

**ABERDEEN ANGUS CATTLE.**  
**ANGUS CATTLE** 150 young bulls and heifers ready to ship.  
 Berkshire Hogs  
**SUTTON & PORTEOUS, Lawrence, Kan.**

**Aberdeen Angus Cattle**  
 Herdheaded by Louis of Viewpoint 4th. 156624, half brother to the Champion cow of America.  
**Johnson Workman, Russell, Kan.**

**SHORTHORN CATTLE.**  
**WANTED: A Car of Registered Shorthorn Cows**  
 Give breeding, price, etc. P.O. BOX K, Walters, Oklahoma

**PURE BRED DAIRY SHORTHORNS**  
 Double Marys (pure Bates) and Rose of Sharon families. Offer: 3 year old herd bull. A snap.  
**R. M. ANDERSON, BELOTT, KAN.**

**SHORTHORNS** 10 young red bulls for sale, 8 to 12 months old, sired by Duchess Searchlight 348529, the 2500 lb. bull, and out of Orange and Gloster cows, weighing from 1400 to 1600 pounds. A.M. Markley, Mound City, Kan.

**OUR HERD BULL**  
 Abbotsford Lad 2, 395841, a pure Scotch bull, three years old, deep red, good disposition and a good breeder. We are keeping every heifer he has sired. Priced to sell quick. Also bull calves six to 10 months.  
**Chester A. Chapman, Ellsworth, Kansas**

**SHORTHORN BULLS**  
 20 young bulls 8 to 12 months old, reds and roans, sired by a son of Victor Orange and out of cows by Colynia, Hampton and other good sires. Priced for quick sale. Write today. **Edward Cooke & Son, Freeport, Kansas**

**D.S. and Horned Shorthorns**  
 For Sale: A 3-year-old grandson of Gallant Knight. Two grandsons (seven months) of True Sultan. Also cows and heifers.  
**JOE BAXTER, CLAY CENTER, KANSAS**

**SALTER'S SHORTHORNS**  
 12 young bulls 6 to 12 months old; Scotch and Scotch topped. One three year old herd head, by Prince Favourite. These young bulls are by such sires as Basewood Dale, by Avondale, Silver Hampton and Master of the Dale; also cows and heifers, Scotch, Scotch topped and plain bred in calf to our great herd bulls, but priced so both farmer and breeder can afford to buy. Parties also met at Wichita. Phone, Market 8708. Address,  
**PARK E. SALTER, AUGUSTA, KANSAS**

**Cedarlawn Shorthorn Bulls**  
 For Sale: The two year old herd bull, Mystic Victor, by Vain Victor, by Bampton Knight. A valuable tried bull sold guaranteed in every way. Young bulls from six to ten months old. Address  
**S. E. AMCOATS, CLAY CENTER, KAN.**

**Scotch Bulls for Sale**  
 Three pure Scotch bulls from 12 to 15 months old. Also two bulls that will be a year old in the spring. Write for descriptions and prices.  
**P. M. Borland, Clay Center, Kansas**

**Shorthorn Bulls**  
 12 that will be ready for service in the spring. Four of them polled and eligible for registry in the Polled Durham book. Priced to sell and they are good ones. Address,  
**V. A. Plymat, Barnard, Kan.**

**Scotch and Scotch Tops**  
 A choice lot of young bulls from 8 to 10 months old for sale. Sired by Valiant 346162 and Maringo Pearl 391962.  
 A number of pure Scotch bulls in this offering. For further information address,  
**C. W. Taylor, Abilene, Kan.**

**GREATEST BULL OFFER**  
 10 extra choice bulls 15 to 18 months old.  
 10 from 6 to 12 months old. Reds and Roans.  
 All have from four to six top crosses. If you come you're sure to buy. Address,  
**W. F. BLEAM & SONS**  
 BLOOMINGTON, ILL. (OS BORNE COUNTY)

WHEN WRITING TO ADVERTISERS MENTION THE MAIL AND BREEZE

You want to be at this sale if you want Shorthorns or Polands. Send bids to J. W. Johnson, care of B. M. Lyne, Abilene, Kan.—Advertisement.

**Nebraska and Iowa**  
 BY JESSE R. JOHNSON.

F. A. Egger of Roca, Neb., one of Nebraska's leading Shorthorn breeders, asks us to announce a public sale to be held on his farm March 23. Mr. Egger has by far the best lot of young females and bulls that he has ever had for a sale. He has always been a good buyer and included in this sale will be some first class Scotch breeding. Watch this paper for advertising or file application any time for catalog.—Advertisement.

**Glissman's Claim Date.**  
 H. C. Glissman, South Omaha, Neb., Holstein breeder, announces his annual winter sale to be held at South Omaha, February 6. Eighty-five head will be sold on the above date, many of them consigned by other good breeders, including one or two dispersals.—Advertisement.

**Land and Stock Sale.**  
 W. F. Kuehn of Red Cloud, Neb., has an advertisement in this paper calling attention to his big land and livestock dispersion sale to be held on the farm January 10. This farm, which consists of 200 acres, is located 4 miles southwest of Red Cloud and is an ideal farm for livestock and general farming. About the right proportion is under plow and there is plenty of fine growing alfalfa. The farm is well but not extravagantly improved and the water is fine. There are three wells and two windmills. Enough timber for fuel and posts. Fairly easy terms will be made on this farm. All livestock including chickens will be sold sale day. Some choice Shorthorn cattle, both purebred and high grade, will be included. Parties desiring to look over the farm and stock before sale day can arrange to do so by telephoning or writing Mr. Kuehn. For big descriptive circulars write Mr. Kuehn or the auctioneer, Herman Ernst, Graf, Neb. Please mention this paper when writing.—Advertisement.

**Kansans Were Heavy Buyers.**  
 Buyers from Nebraska, Kansas, Iowa, and Utah bought the Loch Brothers' Shorthorns at prices which indicate the high quality of the offering. Kansas furnished some of the best buyers. G. F. Hart of Summerfield, Kan., bought what was perhaps the choice individual in the sale, taking the Scotch Lavender heifer calf at \$162.50. William Ernst of Tecumseh, Neb., was the contending bidder. C. Kimmel of Sabetha, Kan., secured a great bargain in the herd bull, Walnut Duke, the sire of most of the young stuff, buying him for \$325. Thomas Bottom of Solder, Kan., bought the fine cow, Hampton Lass, for \$250, along with several other choice individuals. Lafe Williams of Bendena, Kan., and Floyd Miller of Sabetha, Kan., were also good buyers. F. C. Barber & Sons of Skidmore, Mo., and E. G. Tiller of Hamburg, Ia., were the heaviest buyers. O. C. Snow of Salt Lake, Utah, bought several. Other good Nebraska buyers bought the rest. Eleven bulls averaged \$154; 29 females averaged \$147; 50 head, 14 of which were calves, brought \$7,410, averaging \$148. Col. L. W. Leonard, assisted by his son Nate, did the selling in a highly satisfactory manner.—Advertisement.

**S. E. Kan. and Missouri**  
 BY C. H. HAY.  
 J. L. Taylor of Olean, Mo., has sold a lot of high class Duroc Jersey boars to the readers of this paper. He has seven extra good ones to sell now and he will make very attractive prices on them if taken at once. Five of these boars were farrowed in May and will weigh around 185 pounds. He has one of April and one March boar; the March boar is one of the best he ever raised. This pig is out of one of Taylor's large brood sows and is sired by Taylor's large Jersey boar write J. L. Taylor of Olean, Mo., and mention this paper.—Advertisement.

**Publisher's News Notes**  
**Free Farm Account Book.**  
 Elsewhere in this issue an advertiser offers to send free a 64-page account book. The book is arranged to keep all accounts in simple form; shows how to charge against crop production; has a laborer's time record and section for personal account. Look up the advertisement and write a postal card to the advertiser, not to us, and get this book. You will find it useful.—Advertisement.

**Coal Direct from Mines.**  
 A unique service to the farmers of Kansas, Nebraska and surrounding territory has been established by the Globe Coal Company of St. Joseph, Mo. This concern sells coal in carload lots direct from mines in Missouri and Iowa at wholesale prices, according to the claims made. An advertisement of this company appears on page 3 of this issue. By clubbing together, several families in a neighborhood can take advantage of this service.—Advertisement.

**An All Purpose Engine.**  
 The New Way Motor Company announces the 17 model of its "New Way" All Purpose Binder Engine, which they say is a long step toward the ideal engine for binder and general purpose work and is practically fool-proof in the hands of the average user. As is the custom, this 1917 engine is backed by the company's guarantee, which holds good for the entire life of the engine. Dealers who want this engine line may, by mentioning the Farmers Mail and Breeze, get any information on the New Way line direct from the factory at Lansing, Mich. The company believes in marketing thru the dealer and is prepared to give him the best kind of support in sales co-operation, dealer ads, advertising backing and all assistance that will help produce maximum business on the line.—Advertisement.

Steers that are full fed from birth should not be held beyond 20 or 23 months.

The number of suicides in Paris has decreased largely since the war began.

**JERSEY CATTLE.**  
 Registered Jersey Bulls Excellent Breeding. Percy Lill, Mount Hope, Kansas

**FANCY BRED JERSEY BULLS**  
 Four bulls from eight to 24 months old. Some choice young females. Ask for prices and descriptions.  
**S. S. SMITH, CLAY CENTER, KANSAS**

**Linscott Jerseys**  
 Kansas' First Register of Merit Herd. Private sale at Farmer's Prices. Bulls different ages. Inspection of herd desired. Write for illustrated descriptive list.  
**R. J. LINSOTT, HOLTON, KANSAS**

**Dairymen! —The Truth**  
 You may be prejudiced against the Jersey because you don't know her. Look her up. She's the Money Cow.  
 Get This Book—a history of the breed and full of very interesting tests and facts. It proves economy of production, richness of milk, long life and adaptability to feeds and climate—all these combined—she stands way above them all. This book "About Jersey Cattle" is free. Get your copy now. You'll find it mighty good reading.  
**The American Jersey Cattle Club**  
 355 West 23rd Street, New York City

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

**RED POLLED** cows and heifers, bred or open, also two May bull calves.  
**I. W. POULTON, MEDORA, KANSAS.**

**MORRISON'S RED POLLS**  
 Cows and heifers for sale. Write us your wants.  
**Chas. Morrison & Son, Phillipsburg, Kansas**

**Pleasant View Stock Farm**  
 20 Red Polled heifers and young bulls for sale; can furnish herds not related. Also Percheron horses and Poland China hogs. Hailgren & Gambrell, Ottawa, Kan.

**Riley County Breeding Farm**  
**RED POLLS—PERCHERONS**  
 25 cows and heifers for sale. Young bulls ready for service in the spring. Inspection invited.  
**Ed. Nickelson, Leonardville, Kan.**

**HEREFORD CATTLE.**  
**Two Registered Hereford Bulls**  
 for sale. One 4 years old (wt. 1950) and one 2 years old. Also some good Percheron stud colts.  
**Mora E. Gideon, Emmett, Kansas**

**SMITH HEREFORDS**  
 8 yearling bulls for sale and two younger, that will be ready for service in the spring. Also some females.  
**S. D. Seevers, BREEDER, SMITH CENTER, KANSAS**

**HEREFORD FARM**  
 Our Herefords prove profitable in the hands of their purchasers. Best of breeding and individual merit.  
**T. A. Wallace Barnes, Kan.**

**HOLSTEIN MILK**  
 Health Vitality Nutrition  
**THE HOLSTEIN-FRIESIAN ASSOCIATION OF KANSAS**  
 as an organization offers nothing for sale but desires to supply valuable information free to prospective buyers. The object of this association is to protect the interests of the breed in Kansas. Are you a member?  
 Write **W. H. MOTT, SEC'Y., HERINGTON KANSAS**

**40 Head High-Grade 2 yr. old Holstein Heifers For Sale**  
 every one a good one, due to freshen early this fall; bred to a pure bred Holstein bull; sold under a positive guarantee to be just as represented, or animal returned and money refunded. See photograph of Canary Butter Boy King, the bull that stamps superiority on every calf that he sires. He is the herd sire at the Maplewood Farm. We have five young bulls for sale, nearly ready for service. Come or send your order at once.  
**W. H. MOTT, HERINGTON, KANSAS**

**POLLED DURHAM CATTLE.**  
**Double Standard Polled Durhams** Young bulls and females for sale. **C. M. HOWARD, Hammond, Kansas.**

**Polled Durham & Shorthorns for sale**  
 100 Registered  
**Roan Orange, Weight 2100, and Sultan's Pride** 1st at Kansas, Nebr., Iowa and Oklahoma state fairs. Heads herd. Will meet trains. Phone 1602.  
**J. C. Banbury & Sons, Pratt, Kan.**

**HOLSTEIN CATTLE.**  
 Registered Holstein bull calves for sale, from good cows. **Wm. C. Mueller, Hanover, Kansas**

**HOLSTEIN CALVES** high grade Holstein calves either sex, 3 to 4 weeks old, \$20 each. Express prepaid. **BURR OAK FARM, Whitewater, Wis.**

**Registered Bull Calves**  
 for sale from cows with official butter and milk records, also can spare a few cows. **HIGGINSBOTHAM BROS., ROSSVILLE, ILL.**

**CHOICE HOLSTEIN CALVES**  
 10 heifers and 2 bulls, 5 weeks old; nicely marked. \$20 each. Crated for shipment anywhere. **EDGEWOOD FARM, WHITEWATER, WIS.**

**Holstein Heifers to Freshen Soon**  
 One yearling bull, one eight months and one three. All registered. **BEN SCHNEIDER, Nortonville, Kan.**

**Segrist & Stephenson, Holton, Kansas**  
 Prize winning registered Holsteins. Bulls from three months to yearlings for sale. Address as above.

**BRAEBURN HOLSTEINS**  
 One service bull yet eleven younger that cost less now than later both to buy **H. B. Cowles, Topeka, Kan.**

**I Should Like to Sell About 10 Head**  
 Of my cows and heifers as I have too many to take care of. For my part I could not ask for better animals. I will try to price them as to milk cows, plus a small margin for breeding.  
**GEO. C. TREDICK, R. 3, KINGMAN, KAN.**

**NORTHVIEW HERD HOLSTEINS**  
 Grade heifers for sale, 2 and 3 years old. Due to freshen in Nov. and Dec. All large and well bred.  
**LACKLAND BROTHERS, AXTELL, KANSAS**

**LILAC DAIRY FARM**  
**TOPEKA, KANSAS, R. NO. 2**  
**Breeders of Pure Bred Holsteins**  
 Bulls from A. R. O. cows, all ages for sale.

**Sunflower Herd Holsteins**  
**KANSAS' GREATEST HERD**  
 Offers cows bred to 30 lb. sire. Bull calves from 30 lb. sire and A. R. O. dams. Might spare a few heifer calves. Buy the kinds that will make a profit on present high feeds. **F. J. SEARLE, OSKALOOSA, KANSAS.**

**Holsteins For Sale**  
 Can spare about one car load of Holstein springers and fresh cows; also 15 head of ten days to 3 months' old heifer calves; one 2-months-old registered bull calf to go with the bunch. Some 2-year-old springers. Also 4 or 5 registered cows due in December.  
**BOCK'S DAIRY, ROUTE 9, WICHITA, KANSAS.**

**Holstein Bull**  
 of grand champion breeding. Sire, Sir Juliana Grace DeKol; dam, Johanna Lilly; both grand champions at the Oklahoma State Free fair, at Muskogee in 1916. A beautiful individual, mostly white. Write for photograph and price. A bargain.  
**ALBECHAR HOLSTEIN FARM**  
 Robinson & Shultz  
**INDEPENDENCE, KANSAS**

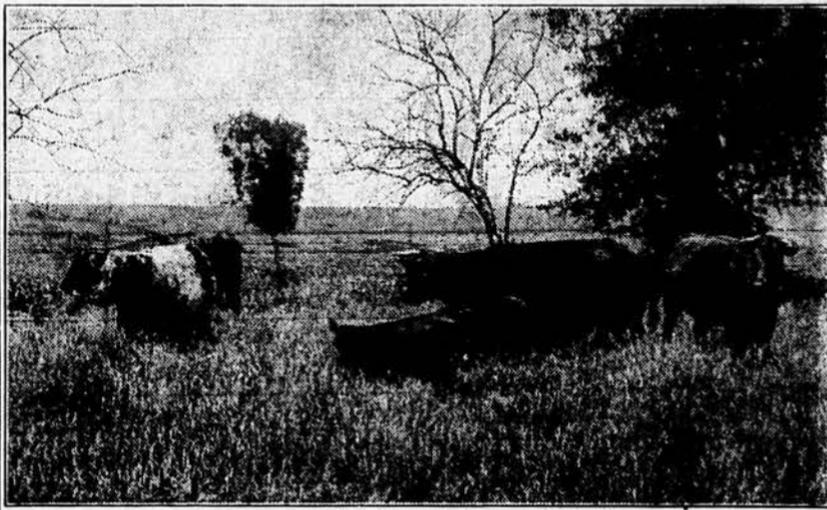
**THE HOLSTEIN-FRIESIAN ASSOCIATION OF KANSAS**  
 as an organization offers nothing for sale but desires to supply valuable information free to prospective buyers. The object of this association is to protect the interests of the breed in Kansas. Are you a member?  
 Write **W. H. MOTT, SEC'Y., HERINGTON KANSAS**

**TORREY'S HOLSTEINS**  
 Cows and heifers, young springing cows well marked and exceptionally fine; also springing and bred heifers and registered bulls. See this herd before you buy. Wire, phone or write.  
**O. E. TORREY, Towanda, Kan.**



## Public Sale Shorthorn Cattle

D. N. Price will sell in Seneca's City Sale Barn  
Seneca, Kan., Tuesday, Dec. 19  
A Select Shorthorn Offering



This Type of Shorthorn Pays on Any Farm.

### 35 Head—31 Cows and Heifers and 4 Bulls Seven Cows With Calves at Foot

Sires used in the herd have been: Nellie's Hero 260500; Prince Butterfly 329152; Good Scotchman 323818, and Prince Imperial 395417. Good Scotchman, a grandson of Choice Goods and Imp. Royal Pride, one of my herd bulls, and sire of a number of the heifers in the offering. The present herd bull bred by T. J. Sands, a grandson of the famous sire, Snowflake.

Write and get a copy of the catalog and come to the sale.  
Terms of Sale: Cash or credit of 10 months will be given, purchaser giving bankable note bearing 8 per cent from date of sale.

**D. N. PRICE, Owner, Baileyville, Kansas**

F. B. Wempe, P. A. Lally and Lefe Burger, Aucts. J. M. Everts, Clerk.  
J. W. Johnson, Fieldman.

## Land and Livestock Dispersion Sale

Red Cloud, Neb., January 10, 1916



**200 ACRES** four miles from town, 120 under plow, 25 acres wheat, 15 acres alfalfa, 15 acres wild meadow, balance good pasture. Three-acre orchard, plenty of timber for fuel. Five room frame house in good repair, cellar and outbuildings. Barn for 12 head horses and mow for 30 tons of hay. Bins for 1,000 bushels grain. Double corn crib, room for 6,000 bushels corn. Splendid water, three wells and two windmills.

30 head of registered and high grade Shorthorn cattle, five work horses, 65 hogs all ages, 14 Shropshire sheep, 35 tons alfalfa and prairie hay, corn and other grain. Terms and other information for the asking. Property can be seen any time. Telephone or write for conveyance.

**W. P. Kuehn, Red Cloud, Nebraska**

Herman Ernst, Auctioneer. Jesse Johnson, Fieldman.

For detailed information write Mr. Kuehn, Red Cloud, Neb.

## DISPERSION SALE of high grade Holstein Cows and Heifers

At my farm near

Clay Center, Kan., Thurs., Dec. 21



The offering consists of 10 exceptionally choice young cows with records for butter fat as high as 47 pounds in one month. Four choice two year old heifers that are well bred and choice individuals. Also seven heifer calves that have made good growth and are well marked and good. Also four bull calves and a five months old pure bred bull calf that is nicely marked and a good individual. All of the young stock in this sale was sired by a College bred bull with plenty of A. R. O. backing. Write for further information. All the cows and heifers, old enough, bred to freshen from December to March.

Auctioneer—Jas. T. McCulloch.

**A. L. Fellows, Clay Center, Kan.**

Clyde Girod, At the Farm.

F. W. Robison, Cashier Towanda State Bank.

## Holstein Friesian Farm, Towanda, Kan.

Pure Bred Holsteins, all ages, strong in the blood of the leading sires of today, headed by Oak De Kol Bessie Ormsby 156789. Special offering in choice young purebred bulls, ready for service, from tested dams. Let us furnish you a bull and improve your herd. TWENTY-FIVE purebred females, young useful Holsteins with A. R. O. records from 12 to 26 lbs; butter in seven days.

### BEFORE YOU BUY, TALK WITH US

We have an especially large, choice selection of extra high grade young cows and heifers due to freshen this fall and early winter, all in calf to purebred bulls. These females are large, deep bodied, heavy producers, with large udders, all well marked individuals and the right dairy type. Our offerings are at prices that challenge comparison for Holsteins of their breeding and quality. High grade heifer calves \$25. Send draft for number wanted. Let us know what you want in Holsteins, and we will be pleased to send you descriptions, and prices. Keep us in mind before purchasing. Wire, write or phone us.

**GIROD & ROBISON, Towanda, Kansas**

## Lee Bros. & Cook's Annual Sale of

# Holstein-Friesian Cattle

Harveyville, Kan., Wednesday, Dec. 20



### 100 Head—Cows, Heifers and Bulls—100 Head

- 35 head of 4, 5 and 6-year-old cows, fresh or to freshen soon.
- 20 head of heavy springing 3-year-old heifers.
- 20 head of heavy springing 2-year-old heifers to freshen from sale day to March 1st.
- 10 head of yearling heifers.
- 5 head of registered bulls old enough for service.
- 10 head of heifer calves.

All the cows listed in this sale are cows that would be a credit to any dairy herd. The heifers are all sired by registered bulls and out of big producing dams.

Sale at farm, rain or shine.

Every animal over 6 months old is tuberculin tested. For further information write or wire

**Lee Bros. & Cook, Harveyville, Kan.**



## HOLSTEIN COWS and HEIFERS

I have for sale a very choice lot of springing cows, heifers and bred heifers.

They were personally selected from the very best dairy herds of the east.

In selecting them special attention was given to size, color, markings and milk production. I do not think you can find anywhere a larger or better herd to make your selection from than you will find here; all are

### BRED TO PURE BRED BULLS

of the very best families. I also have some good registered bulls for sale. If you want Holsteins, and will come to see my herd you can find what you want and at very reasonable prices. Write, phone or wire.

**J. C. ROBISON, Box A, TOWANDA, KANSAS**