

Twenty Pages

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The

FARMERS MAIL AND BREEZE

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At Noon, While You Rest

In This Issue:

Don't Sow Wheat Too Soon

Silo Filling Facts

By Farmers

Women Are Earning Money

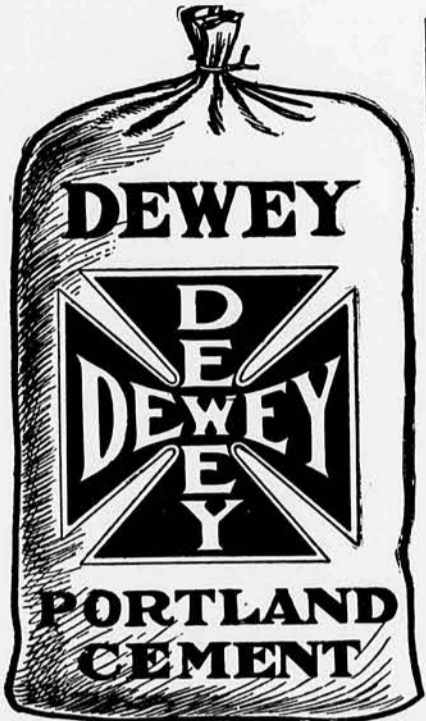
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The December Poultry Show

In Topeka

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Don't Sow Too Early

Kansas farmers in their mad haste to sow an early and large crop of wheat must not forget the damage the hessian fly may cause the crop when the seed is sown too early. During the forty-one years of its known existence in Kansas six serious outbreaks of this pest have been reported. The last and greatest one in 1908 destroyed 10 million bushels of wheat for Kansas farmers. The prospective high prices that will be offered next year for wheat on account of the great war in Europe no doubt will tempt many farmers to put out a large wheat crop. In order to do this many of them are unwisely planning to begin sowing wheat at a much earlier date than usual.

Several farmers have written the Mail and Breeze that they expect to begin sowing their wheat early in September or as soon as there has been rain enough to put the ground in good condition. In the western third of Kansas where the hessian fly is unknown no serious objection might be made to such a plan, but in the eastern two thirds of the state or all that portion of Kansas east of the Hays Experiment station all wheat sown so early is likely to suffer severe damage from the attacks of the hessian fly.

The adult flies appear about the middle of September. From this time forward, the members of the main fall brood continue to appear until the middle of October. However, the members of a supplementary brood may continue the emergence for fifteen to twenty days longer. Every individual lives only a few days and just enough to deposit the eggs from which the young will develop. The fly comes out slowly when the ground is dry, but rapidly where the soil is thoroughly wet from rain.

Unless prevented by the absence of suitable plants or by unfavorable climatic conditions, the female begins to deposit her eggs soon after emerging from the ground. The young develop on wheat, rye, barley and certain wild grasses. One female, it is said, may lay from 100 to 200 eggs. The eggs are somewhat oval and of a slightly reddish color. The larva at first is also of the same color. Later this color disappears and the larva or maggot becomes white and works its way below the surface of the ground. Here it passes into the flaxseed form and remains until it reaches maturity. In this stage most of the flies pass the winter. During the latter part of March the flies begin to emerge from the ground in greater and greater numbers until early in April, when they reach their maximum production. Their numbers gradually diminish after that date and prac-

tically cease by the end of the month.

How to Control the Pest.

Since the hessian fly is found in the wheat stubble during the summer in the resting flaxseed stage it can be completely wiped out if all infested stubble is destroyed. Plowing under all stubble early in July where it is not too dry is the best and most economical method of placing the pest where it will be destroyed. A better plan is to disk the stubble immediately after the wheat is cut. This will expose the eggs while in the flaxseed state to the action of the sun which will prove fatal to them. Within two or three weeks after disking plow the stubble ground to a depth of six inches and make sure that all stubble and volunteer wheat are well covered with soil. After plowing, the ground should be well harrowed, then packed and worked into a firm seedbed. This plan will not only bury the fly so deep that it cannot emerge from the ground but it will put the ground into good condition for wheat sowing.

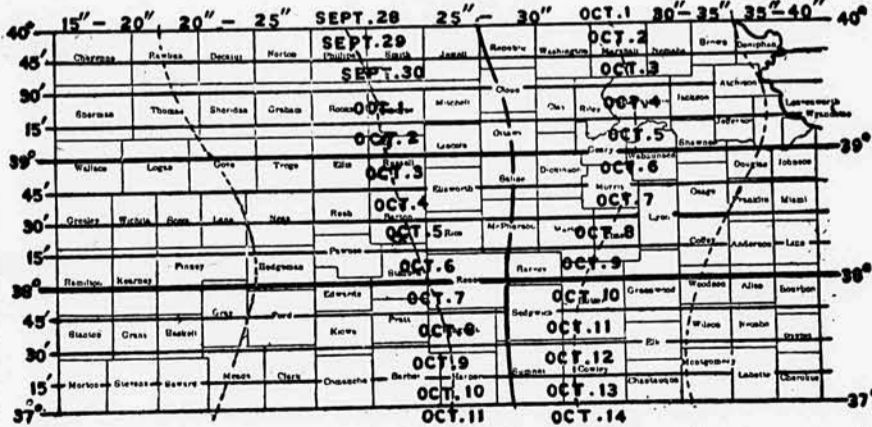
Some authorities recommend burning the stubble, but this method never destroys all of the eggs of the fly and for that reason is unsatisfactory. It also robs the soil of much humus or vegetable matter that is needed to build up its fertility and to increase its capacity for holding moisture.

Sow Wheat in October.

Another effective remedy is to sow wheat as late in the fall as possible so as to escape the heavy swarm of flies. If the wheat is not up when the flies appear they die without a place to lay their eggs and the crop escapes injury. The best time for sowing wheat in order to avoid damage from the hessian fly in the greater portion of Kansas is from October 1 to October 14. This time varies so much in different parts of the state that the information in regard to the exact planting date for any section can be obtained at a glance by consulting the accompanying map which gives the fly-free dates for sowing.

If all the farmers in every county of every infested part of the state will carefully plow under the stubble as soon as possible after wheat harvest and will sow their wheat on the dates suggested by the map the hessian fly pest will soon disappear and be forgotten. However, it will avail nothing if only a few farmers heed this admonition.

We must have co-operation to make these remedies effective. Farm advisers and officers of the farmers' institutes and organizations everywhere should urge farmers to follow the suggestions given for preventing any possible chance for further outbreaks of the Hessian fly pest.



This map shows the safe seasons in Kansas for wheat sowing to escape the hessian fly.

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[Prize Suggestion.]
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THE FARMERS MAIL AND BREEZE

An Agricultural and Family Journal for the People of the Great West



Volume 44
Number 35

TOPEKA, KANSAS, AUGUST 29, 1914

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Kansas Hens to Meet

Of Course There'll be Roosters,
also, in the State Poultry Fed-
eration Show in Topeka
next December

By George Beuoy,
President Kansas Poultry Federation



YOU have all heard it said, "In time of peace prepare for war." Likewise, when everything is quiet in a business way, prepare for the busy time that we will all have next fall and winter. I am not looking for any fight, but I am looking for "big doin's" in connection with the Kansas State Poultry federation and our great show and convention to be held in Topeka, December 7 to 12.

I intend this article to be principally for the poultry breeders of Kansas, because they are the ones who will comprise the membership of the organization and upon whose shoulders will rest the burden of making it a great success. But at the same time I don't want the breeders of other states around Kansas to overlook our big show because it will be one of the very best shows in this territory for them to take some of their birds to and meet good competition. I want all of you poultrymen and poultry women to take this as a special invitation to exhibit with us at Topeka next December.

Our secretary, Mr. Wible, is putting in a lot of valuable time in boosting for our poultry federation and his work is producing results. Everyone of us who has the best interests of the purebred poultry business at heart should help Mr. Wible in every way we possibly can. My recent illness, from which I have not yet fully recovered, has prevented me from doing all that I wanted to do, but from now on I intend to pull right up in the harness and boost all the time. Every breeder in Kansas should send his membership and all join hands in making the Kansas State Poultry federation second only to the Missouri State association, and in making our next show the best poultry show ever held in this state.

We have been getting lots of encouragement, but there are still plenty of live breeders in Kansas who have not helped in any way, not even to the extent of joining the federation, and they are the ones we want to hear from now. We want still more of the spirit that is shown in a letter written by one of the members of our executive board, P. H. Anderson, the White Orpington breeder at Lindsborg. This is what he says:

"In regard to the Kansas Poultry federation show, will say that I believe that every member of the federation should take hold and do all he can to make this show the best, even to the extent of going down into his pocket and helping out should the finances run short. I feel that this is going to be one of the most important shows ever held in the state, and I think that

all members of the organization, especially those who are breeding for the fancy, should be willing to give a little in order to put the federation on a paying basis in the future, which will be of much benefit to them in time to come. You can put me down as one to help out with my share should the occasion demand."

Good for Anderson! His letter is the kind that makes a fellow want to shout. But here is another that was written to Mr. Wible. It is from H. M. Miller of Petrolia, Kan., who also breeds White Orpingtons. It seems that these White Orpington fellows are all O. K. Mr. Miller writes:

"I am writing you in regard to the Kansas State Poultry federation. It has done and will do more good for the poultrymen of Kansas than any organization we could have. The purpose of its members in helping each other would alone place it in the place it deserves. Through the kindness of yourself, as secretary, I recently purchased stock from a fellow member, that I consider will make me at least \$100, which I would not have been able to make had I not been a member of the federation. I see no reason why we cannot make this federation the greatest livestock organization in Kansas."

Now, that's the way we want the breeders to feel about this matter. A lot of them have written letters similar to Mr. Anderson's and Mr. Miller's, but we want all the rest to climb into the booster band wagon. It's one way of helping to make the poultry business good in Kansas.

Mr. Anderson speaks about going down into his pocket and digging up some good, big, round dollars

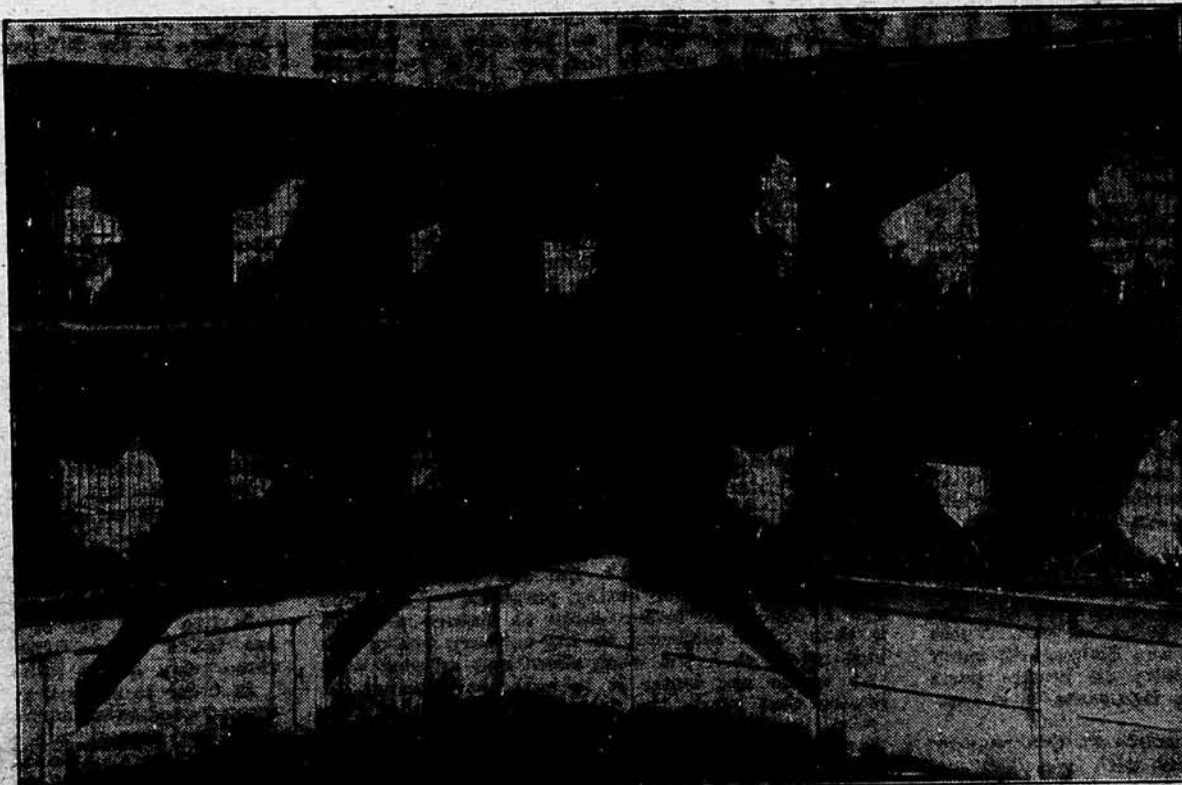
to help out if necessary. In regard to that I just want to say that some money will have to be raised in order to make our next show pay out. The entry fees, door receipts and membership fees are not sufficient to pay all expenses. Last winter at Independence the hall was given to us and in addition to that the Independence Commercial club gave us \$250. Even then the show just about broke even. Now, this year, we will have to pay \$125 for the Topeka auditorium, and we will not have any fund from the city to draw upon. It is simply up to the poultry breeders of the state to make this thing go. The officers of our poultry federation have confidence in the breeders of Kansas this year from the very fact that about 500 of them paid their memberships in the federation last year and all helped to get the organization started in good condition. A good many breeders who were not members last year have joined this year, but there are still 1,000 poultrymen in Kansas each of whom should send Mr. Wible a fifty cent piece right away and get a membership card. If we could have a thousand or more members we would not have to depend very much on donations.

So far this year two loyal members have made donations to help the good cause along. One man sent Mr. Wible \$10 to help out on the expense of soliciting members. Another man has given \$40. It has been decided to use this \$40 in the following manner: To the county sending in the most members by December 1, \$20 will be given; also, \$20 will be given to the county that exhibits the largest number of birds at our show in Topeka in December.

In this competition, the executive board has deemed it advisable to exclude Shawnee county, the county in which Topeka is located. We are sure that the Shawnee county poultrymen, all of whom are good fellows, will understand why it would not be fair to the rest of the state to permit Shawnee county to take part in this contest, as long as the show is to be held in their county.

Our annual catalog, which we have styled the Buyers' and Sellers' Guide, will be out in good season. In addition to containing our list of prizes, and show rules, it will also contain the names and addresses of all breeders who have paid their membership in the federation since the last show, with the variety of poultry each one breeds. This feature of our catalog is well worth the fifty cents membership fee for its advertising value to the breeders. Not less than 2,500 cat-

(Continued on Page 15.)



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

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 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.

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PASSING COMMENT—By T. A. McNeal

Regarding Independent Nominations

I have been asked what is necessary in order to get an independent candidate on the ballot for either a state or other office.

The law provides that in order to get the name of an independent candidate on the ballot for a state office a petition must be signed by not less than 2,500 qualified voters of the state asking that the candidate's name be placed on the official ballot.

For congressional districts, counties and other districts less than the state, petitions must be signed by at least 5 per cent of the qualified voters of such district or county, and there must be at least 25 names on the petition.

In case it is desired to nominate an independent candidate for a township office it is necessary that a petition asking for such nomination shall be signed by not less than 5 per cent of the qualified voters of such township, and such petition must contain not less than ten names.

For example, if there are less than one hundred qualified voters in the township there must be at least ten names on the petition, although less than ten would equal 5 per cent of the legal voters.

A question arises here concerning qualified voters. Heretofore only males had the full right of suffrage in Kansas and the law provided that the percentage should be calculated on the aggregate vote cast for secretary of state at the last general election. Now however, the women are qualified voters and there may be a question as to whether the 5 per cent should be that per cent of both the male and female vote, or should be calculated on the total male vote at the last general election cast in that township or ward.

My opinion is that if the petition contained 5 per cent of the total vote cast at the last general election and also contained at least ten names it would be sufficient, but in order to make sure I would advise, in case the readers of the Mail and Breeze in any district, county or township desire to put an independent candidate in the field, that they get sufficient signatures on the petition to constitute 5 per cent of legal voters male and female in the county, district, township or ward.

As I have before said, I do not think this is necessary under the law, but would advise it as a precautionary measure to save any question about the sufficiency of the petition.

Government Owned Merchant Ships

As a result of the present war foreign built merchant vessels have been all but driven off the high seas. The British are watching for German vessels to destroy them; France and Russia are doing the same thing. Under the circumstances it is uncomfortable and unsafe for a merchant vessel to do any business.

But it isn't all one way. German warships are looking for French and British vessels and so it results in a general paralysis of the shipping business. Millions of bushels of American grain lie at the various ports waiting for vessels to carry it to foreign lands. Other millions of bushels are held in elevators for the same reason.

This practical embargo on shipments applies of course to all other American products that find their market in Europe. There are almost no American merchant vessels that do a trans-Atlantic business. In this emergency congress has been called upon to act.

One important change has been made in our shipping laws in that foreign built vessels are now permitted to register under the provisions of United States registry laws. But this has not afforded relief.

As a result of this dearth of vessels congress has authorized the purchase by the government of 25 million dollars worth of merchant vessels which will be used in transporting American products to foreign markets.

It is an opportune time to buy ships. Many foreign ship owners will be glad to sell their vessels at bargain prices rather than run the risk of having them captured as prizes of war. These ships sailing under the Stars and Stripes will carry the merchandise of this country to foreign ports and will also be available as transports in connection with the navy.

There are a great many people in this country who will watch this experiment with great interest. It is my belief that it is a wise thing to do and

that it will demonstrate that the government can operate a line of merchant ships profitably and to the great advantage of the American people. If this experiment proves a success the fleet should be and no doubt will be greatly enlarged and in time vessels flying the flag of the United States may become common on every sea and rival in the volume of business done, any of the fleets that fly foreign flags. In fact they should exceed in number the ships of any other nation.

I hope the time may come when merchant vessels owned by the whole people of the United States will carry the greater part of what we produce and sell to the people of other nations.

Small Graft

It was stated the other day on the floor of congress and the statement was not disputed that a certain member of the house had managed to have a letter addressed to his constituents asking for a renomination and setting forth all the reasons I presume, that the congressman could think of why he should be permitted to hold his job for another term, inserted in the Congressional Record.

Of course that cost the congressman nothing. The Record is printed at public expense. It would not however have been of much benefit if it had stopped there for mighty few people see the Record or stop to read it if they do see it. But after the congressman got his letter to his constituents printed free he had it made up into a separate pamphlet and printed at the government printing office, with his picture at the head of the letter. This he mailed out to his constituents under his congressional frank by the thousands. This cost him nothing for postage. The government graciously carried and distributed his campaign matter free. All the expense he was put to was the actual cost of getting the campaign letter put up in pamphlet form. By this kind of graft he managed to save several hundred dollars.

I regret that I was not able to get the name of the congressional grafter. I hope that he was not from Kansas.

Concerning Peaches

The other day Mr. Birtell, a subscriber who lives out near Leocompton, brought me some Elberta peaches which he had gathered from his trees. Each of the peaches was about as big as my fist and my fist is at least up to the average in size.

It is something of a relief to turn from the nerve racking subject of war to the peaceful contemplation of the peach, for of all the fruits none seems to me to more fittingly typify peace and good will than the peach.

Darwin and other students of the origin of species, assert that the peach is not found as a wild tree but has always been the result of cultivation. For this delicious fruit we probably are indebted to the Chinese, any by the way, it is remarkable how many things used in modern civilization can be traced to their origin in China, which leads me to believe that the Chinese are a really wonderful people who will sometime come into their own and take rank with the foremost people of the earth.

Confucius, the great Chinese philosopher, who lived and wrote his philosophy five centuries before the birth of Christ, mentions the peach as one of the choice fruits of China. It is supposed that the peach was introduced into Persia by Chinese merchants and probably carried from Persia into southern Europe by the Greeks.

At present numerous varieties of the peach are found in all parts of the temperate zone and wherever protected from extreme cold and extreme drouth the peach tree is one of the most certain and most abundant bearers of all fruit-bearing trees.

The peach is alike the luxury of the rich and of the poor. The poor man with a little plot of ground can raise a few peach trees and when the red cheeked fruit is ripe and mellow, for once he can set on his table as fine a dessert as graces the table of the king. It is the one fruit that can hardly be ruined for eating purposes. When ripe and sweet it is better eaten as nature prepares it than when subjected to the culinary art of the high priced chef, but when sliced and mingled with rich cream and sugar it is still the synonym of luxury that rivals the fabled nectar of the gods. Baked into pie it holds its own with the most popular pastry and when pickled by the skillful housewife it has no rival in its line.

What man's mouth does not water as memory

carries him back to the special days when mother set the peach preserves on the table? And of all the fruit butters ever made none holds a higher place than good peach butter.

In every language the peach is a synonym of vivacity and beauty. As the sparkling eyed girl, her cheeks and lips aflame with nature's painting and every movement the poetry of motion, goes down the street, passersby turn their heads to look and involuntarily exclaim, "Isn't she a peach?"

So let blessings rest on the memory of the individual, whether he was Mongolian, Aryan, or Persian, Greek, Jew or Gentile who first produced by intelligent cultivation, the peach. Whoever he was he conferred a lasting benefit on mankind. His name has been lost to history and it is quite possible that even when he was alive he wasn't known fifty miles from home, but as a matter of fact he has been of vastly greater benefit to succeeding generations of men than all the warriors and kings whose names are inscribed on the world's scroll of fame.

His discovery carried with it no harvest of death, no shedding of the blood of the innocent, no groans of wounded and dying, no tears of widows and orphans, no aftermath of sorrow. His future harvest was first a wilderness of bloom, white and red in the orchard lands that circle the globe and fill the air with their fragrance in the spring time, and later on the myriad peaches bending the limbs with their weight, covered with down as soft as elder, painted by the unrivaled artist, Nature, and growing sweet and ripe in the sunlight of late summer and early autumn.

Corn Crop Disappointing

It is a waste of words to tell Kansas people that the corn crop this year is a great disappointment. Until about the middle of July there probably never was a better prospect for corn in this state but if we harvest 50 per cent of a crop it will be better than we can reasonably expect at this date.

My belief is however, that if this corn is put into silage and fed intelligently it will be found to be nearly equal to a full crop of corn fed out of the shock in the usual manner. I say "fed intelligently" because I have found from talking with farmers who have fed silage that there is considerable to be learned about the way to put it up in the first place and the way to feed it. I have heard of cases where silage was fed to cattle in very cold weather and before they had a chance to eat it it froze, with damaging effect on the cattle. On the other hand, where the cattle got the silage in proper condition the results have been favorable so far as I can learn.

If we were reasonably sure of a good crop of corn every season it might not make so much difference whether it was cut up into silage or not, although my belief is that silage made out of good corn is worth just as much more than poor corn in silage as the difference in the yield of the corn, but last year demonstrated the fact that a crop of fodder without any corn to speak of is poor stock feed unless it is turned into silage.

We may as well admit right here that notwithstanding all the stories that have been published about the big corn in Kansas this is not a great corn state. Kansas has been a state for nearly fifty-four years and during that time the statistics show that there have been just nine years in which the corn crop averaged forty or more bushels to the acre.

The greatest yield to the acre was in 1875 when the average was 48.80 bushels. The next highest yield was in 1869 when the average was 48.40 bushels an acre. The other years when the yield was 40 bushels or more were 1862, when the yield was 40 bushels; 1863, yield 44 bushels; 1865, 41 bushels; 1871, 40 bushels; 1876, 43.68; 1877, 40.38 bushels; 1884, 41.00 bushels; 1889, 40.15 bushels.

During the last 24 years the highest average was 28.80 bushels an acre in 1902.

During these twenty-four years the average has exceeded 28 bushels an acre only four times and in eleven out of the twenty-four the average has fallen below twenty bushels to the acre.

In five years out of the twenty-four the average has fallen below fifteen bushels an acre and in three years it has fallen below ten bushels.

In order to make a good corn crop there must be several good rains during the month of July and at least one general rain early in August. Generally speaking the months of July and August are dry and hot in Kansas, not good weather for corn. During the past fifty-three years there have been

ten or twelve exceptions to this rule and in these years Kansas has raised her bumper corn crops.

There have been a lot of good stories told about Kansas corn and in especially favorable seasons probably the tallest corn has been raised in the Sunflower state that has been grown in any state in the Union, but the sad fact remains that speaking generally this is not a great corn state and probably never will be.

I know that we have hugged the delusion that seasons are growing more favorable, that rainfall is increasing, and all that, but the sad fact is that the rainfall is not increasing nor is there any evidence that the seasons are becoming more favorable.

Thinks Standing Armies Necessary

Editor The Farmers Mail and Breeze—While it is too early to be sure of what the result of the European war will be, I would like to point out two facts that are already clear, which have an important meaning for the people of the United States.

The first is that Mr. Bryan's excellent plan for the independence of the Philippines is utterly impractical and would prove a source of trouble. Belgium was protected by just such a treaty of the powers as Bryan suggests for the Philippines and yet not one of those powers has respected her neutrality.

The other point is that no country is safe from attack unless defended by a military force ready for instant service and capable of making the invasion of that country a difficult matter. The magnificent stand of tiny Belgium against the overwhelming hordes of Germany proves that the force need not be nearly so large as the probable invading force but some defending force there must be.

Manhattan, Kan.

H. M. MUNGER.

I do not know what plan Mr. Bryan has suggested for the independence of the Philippines. The plan that Mr. Munger evidently refers to was not, I think, originally suggested by Mr. Bryan, although he may have approved of it. That plan was to grant independence to the Philippines under a joint agreement of such nations as have interests in the Orient to respect and maintain that independence. This sort of an agreement would contemplate the joining of the United States, Great Britain, Germany, France and Japan in its terms.

If that is the plan of Mr. Bryan I thoroughly agree with Mr. Munger as to its danger and futility. The United States would in my opinion have nothing to gain and everything to lose by such an agreement. It would get us into entangling alliances that would embarrass us to say the least and might be fraught with grave danger. We would become responsible for the Philippine government without being able to control it. It would so far as we are concerned be jumping from the frying pan into the fire.

One of three courses might be pursued with vastly less danger to the United States. The first is that we might establish an independent government in the Philippine Islands and then say to them, "Now take care of yourselves. We wash our hands of this whole business and will not be held responsible either for the permanency of your government or its acts." That would, I think, result in a failure so far as the inhabitants of the Philippines are concerned. The dominant people there are the Filipinos and they would insist on running the new government. Within a month a number of strong, warlike tribes who hate the Filipinos would rise in insurrection and a state of anarchy would shortly prevail in the islands.

The second would be to continue our government of the islands indefinitely, using every endeavor ultimately to prepare the people of the islands for self government. This plan has dangers and disadvantages but nowhere near such dangers and disadvantages as an independent government by joint agreement of the powers.

The third plan is to make arrangements with Japan to take the islands over and govern them according to Japanese ideas. This plan would be the most advantageous to the United States of any suggested. It would relieve us of responsibilities. It probably would insure a lasting peace between this country and Japan and relieve us of any excuse for building and maintaining a vast navy. Whether it would be best for the natives of the Philippine Islands I cannot say.

Now in regard to Mr. Munger's second proposition I not only differ from him widely, but in my judgment the facts prove exactly the opposite of what he thinks they prove. He says that no country is safe from attack unless defended by a military force and cites the case of Belgium to prove it. Belgium was provided with, considering the size of the country, a large and well equipped standing army. Did that fact, which was very well known to Germany, prevent the invasion of Belgian territory?

The presence of this standing army did not deter the German invasion for a moment.

And how, pray, has Belgium been benefited? In what way is she better off than if she had relied on the treaty obligations and not maintained any army at all?

True, the Belgians have made a most heroic resistance. They have held back the German army for two weeks and have rendered great service to France and her allies, more especially to France, in the war with Germany, but I fail to see wherein Belgium has been in any way benefited. Her fairest and most prosperous cities have been torn by shot and shell and swept by fire. Her streets have been

plowed by cannon shot. Thousands of her finest young men have been killed and inoffensive women and children have suffered the horrors of war. Some of them have lost their lives and many have suffered losses of property.

The report comes as this is written that the Belgian capital has fallen into the hands of the Germans. Vast war taxes will be levied on the Belgian cities and they will have to pay or see their property destroyed and their homes given to the torch.

The fact that is really evident is that Belgium's army has not protected her from invasion and that she would have been better off if she had had no army.

I am astounded that a man of Mr. Munger's ability should still cling to the delusion that standing armies tend to preserve peace or that they protect the weaker nation against the aggressions of the stronger nations.

Standing armies are based on the theory that there is no honor among nations; that they will respect only the law of physical force. Now if that low estimate of the honor of nations is well founded then armament on the part of a small nation is useless for if might is the only law then the powerful nation will respect only the rights of the nations which are as powerful as itself.

Take again the case of Belgium. If it were not for the fact that France and Great Britain have come to the aid of this little nation all her resistance to German invasion would have availed her nothing. She could have held the German forces back for a little while but in the end would have been crushed and the stronger her resistance the worse would have been the punishment meted out to her.

Suppose that Belgium had had no standing army. Germany might have violated the terms of the treaty she had signed and marched her army into Belgian territory, but it is certain that far less damage would have been done to the Belgian people and their property than has already been done since this war began.

I do not agree to the proposition that nations have no honor and that the only law that is effective is the law of might, the law of tooth and claw—for if that is true civilization is a failure and Christianity a mockery.

Man is naturally a kindly and friendly being. His natural condition is not that of passion and hate. Look among your neighbors, and they are just ordinary men and women, and how many of them are there who would rather do their fellow-men an injury than a favor? How many of them will violate their word of honor? How many of them want to impose on their weaker neighbors? How many of them have to be restrained by force and fear from trespassing on their neighbors' premises? Is the weak man safer because he carries a gun? Is it not universally true that the promiscuous carrying of deadly weapons tends to violence and murder?

Nations are simply aggregations of individuals. In the great aggregate they possess the same passions, the same impulses possessed by the individual citizens. If the people of different nations were just permitted to live side by side like natural human beings there would be no national conflicts, no need of standing armies, no need of fortifications, cannon or battleships.

Canada is to all intents and purposes a sovereign nation, divided from us for the most part by an imaginary line and yet for a century by common agreement that line is marked by no guns or fortifications and on the great lakes that divide us no battleships ride at anchor or watch each other with shotted cannon. Canada is in no danger from the United States nor would we be in any danger from Canada if instead of being weaker it were a more powerful nation than this.

The idea that standing armies tend to preserve peace or to safeguard weak nations against the aggressions of their more powerful neighbors always was and is now demonstrated to be the quintessence of folly.

Truthful James

"Birds and snakes and animals can't tell any more about the weather out here in Kansas than I can," said Truthful. "I have seen robins come out on warm days and begin to sing about the spring and the wind would whip around and chill the robin to death before he could finish his song. One January the weather got so warm that one needed a fan and a coat was a burden. All the snakes came out of their holes and opened up spring trade, when, whoop, came a blizzard and froze every snake before it could get in its hole.

"I broke one snake in two while it was frozen and supposed that ended it. The next day it thawed out again and I was surprised to see the head end of that snake huntin' around for the tail end and when it found it it just backed up against it and stayed there till it grew together again.

"There is one thing that a sensible man who lives long in this country will learn to do and that is to keep his mouth shut when he is facing the wind. I have known men who shortened their lives because they didn't remember that. There was Zeke Bascomb.

He was a little sawed-off man who naturally didn't weigh more than a hundred and twenty pounds.

"But Zeke had a fool habit of going with his mouth hanging open like a cellar door, no matter whether he was facing the wind or not. After awhile Zeke commenced to complain that he didn't feel well. Said that he had a sort of a heavy feeling. He tried a lot of patent medicine but it didn't help him any and finally he took to his bed and died. When they came to put him in his coffin they were astonished to find that his body weighed two hundred and fifty pounds.

"Nobody could understand it and the doctor asked Zeke's widow if she would have any objections to an autopsy. She said she wouldn't as she had some considerable curiosity to know why Zeke hefted so much herself.

"Well, when they come to cut Zeke open, the doctor broke every knife he had in his kit. Then he discovered that the trouble with Zeke was he had gone around facing the wind with his mouth open till he had got filled up with sand and gravel. His whole system had become filled with grit till he weighed nearly as much as if he had been dug out of a stone quarry. That was the reason the doctor could not make any impression with the surgeon's knife. He had to go at him with a drill and stick of blasting powder. His wife said after the autopsy that she understood now why Zeke had said to her before he died that he felt pretty rocky."

Build Up the Public Service

Keeping the good man on the job has built up the efficiency of every successful private business. "Firing" him from the public service when the spoils-men run it, has created the vast difference in expense between managing a private enterprise and conducting the public's business—that and the creation of needless jobs for vote-getters to loaf in.

So long as we submit to this difference and this exploitation of the public by the job hunters, we shall have to pay the bill in the form of steadily increasing taxes with little or no visible benefits, just as we are doing. Nor can these abuses be stopped all at once. Reconstruction is a slow process requiring patience, persistence and firmness. The people have got to be for it—unmistakably and persistently.

The advantage to a state of having a merit system which cannot be dodged is illustrated in New Jersey, where the administration of the state civil service law is on a high plane. Here are a few instances taken from the report of its civil service commissioner, showing that the New Jersey law is enforced just as well at the bottom as it is at the top:

Franklin E. Smith vs. the Atlantic County Board of Taxation.

Charge—That complainant was dismissed for political reasons.

Result—The commissioner found that the election of a new secretary by the board was in effect a dismissal of Smith for political reasons, as admitted by the respondents. . . . The reinstatement of Smith was ordered.

Charles J. Stoebling, clerk Hudson county Board of Elections.

Charge—Dismissal for political reasons.

Result—Commission found that as the evidence did show discrimination, Stoebling should be restored to place and pay.

John F. Boylan, stableman, vs. Board of Street and Water Commissioners, Jersey City.

Charge—That complainant had been dismissed for failing to obey the political dictation of his superior officers.

Result—The evidence, voluminous in character, sustained the allegation. The commission ordered the reinstatement of the discharged employe.

Eugene Tallman and William York vs. Atlantic County.

Charge—That complainants were improperly dismissed from their positions for political reasons.

Result—The commission found they were entitled to the protection of the civil service law and ordered their reinstatement.

Here is a law which not only protects the useful official higher up, but the men who earn their pay in humbler stations. Contrast this with our recent experience in Kansas where within twelve months, 274 officers and employes were displaced in nine state institutions, including the heads of institutions who had won national reputations for the excellence of their service to the state. In some instances only two or three members of the trained forces of these institutions were retained.

What Kansas and every other spoilsmen-ridden state needs is a real merit system with teeth in it, one that cannot be evaded or disregarded with impunity. The state with a real merit system has taken a long step toward getting the value of the money it spends in taxes. Such a state is bound to become a leader in progress and enlightenment, for the enforcement of such a law is in itself proof of the virility and intelligence of its people.

We need not be afflicted with wasteful, slipshod government in Kansas if we don't want to be.

Arthur Capper

Cheer at Jayhawker Farm

Rain and the Best of Kafir Crops

BY HARLEY HATCH

A FINE rain brought cheer, the afternoon of August 14, and broke a spell of rather dry and hot weather. It is probable that no really extreme heat will come again this year, and it is almost certain, also, that we will have no more really hot nights.

And now comes the very finest time of the whole year. Other states and other localities may brag on their climate but Kansas beats them all for weather from September to the first of January.

The rain was just what was needed for the kafir. This crop is going to be a very good one in this part of Kansas. On this farm the kafir is the best we have ever raised. That African seed produced the biggest heads we have ever raised. The only thing we do not like about it is, that there are two varieties, one tall and the other medium height.

In reply to many who have asked about hay: There is a lot of hay for sale here. It is at this writing, August 15, almost all in store and the owners do not like to sell just now. The market is low, as it always is at the end of haying, because the quality of hay being sent to market is in many cases very poor. At the end of haying the shipments consist of odds and ends, poor pieces and weedy lots of hay that the owners do not care to store, and so send to market for what it will bring. After this is cleared off the farmers here will be ready to handle all hay orders received.

The corn crop is now made in this neighborhood so far as the weather is concerned. It is the best that has been raised since 1909. It did not come up to the promise of the middle of July but it is a pretty good crop after all and farmers are thankful for it, especially in view of the prospective prices. There are fewer hogs than usual here to feed and some of the farmers are talking of feeding some corn to cattle that in ordinary times would be sold off grass. Considerable corn will also be fed to cattle by the silo route.

For hoisting baled hay into the top of our barn we bought slings and a sling pulley to use on the regular carrier which had been equipped with a fork. The sling pulley did not work well because it was almost impossible to load a sling with bales so it would go up exactly straight. When it did not go up straight the pulley would not enter the carrier. The last load we tried to take up with this pulley bent the track at the end of the barn and we had to take it down and straighten it. We then took off the sling pulley and used the pulley which went with the fork and this worked all right. It is so made that the rope pulls it into the carrier whether the load was just right or not. We took up 7 bales at a load; a neighbor who has a larger hay door takes up 9 bales at a sling load but says it is pretty hard on the slings.

We are in receipt of a letter from an Allen county reader who asks us where we sold our English bluegrass seed. He has about 200 bushels of the seed but says dealers there will offer but little for it. Our seed was bought by local buyers who were buying for a seed house at St. Joseph, Mo. It is very probable that the market for this seed will be very poor for awhile as it is nearly all bought for European trade and they have something else on hand over there this fall. Nearly all of the bluegrass seed raised here goes to Germany, and it may be impossible to ship seed to that country for a long time. This war is teaching a good many here that we do not live for ourselves alone and that a European market is necessary for our farm products. If we could not sell our surplus wheat and meat in Europe the price received in this country would not pay the men engaged in farming 50 cents a day.

We have received a letter from an Anadarko, Okla., reader extolling the merits of the new plant, Sudan grass. We have never seen any of this grass growing but judge from what we hear

that it is of the sorghum family and about midway between Johnson grass and cane, but unlike Johnson grass in that it does not live from one year to another but must be planted every year. It has been tried this year in Grant county, Oklahoma, by E. A. Wood, who says that it makes a fine quality of hay when cut with a grain binder and shocked up like wheat. This may be a fine crop for the drier sections of the country but we do not think it would be adapted to this part of the state. Our advice with a new crop like this is first to give it a trial on a small scale before investing heavily in seed at a high price.

Feterita is fully ripe here now, August 15, and will have to be cut soon. It has again made a good grain crop but we do not like the idea of having to harvest it so soon. It is certain that fodder cut now will be of little value and it will have to be cut or the seed will all shatter off. Our opinion of feterita is that it is a fine crop for a dry year but that it will prove practically a failure in a wet one. For eastern Kansas we will take kafir unless we wanted some very early grain following a year of scarcity like 1913; in that case it might be well to plant a small acreage of feterita.

An Oklahoma reader writes asking about repairs of a farm machine on which the maker's name cannot be found. Standard makes of machines can usually be known by their appearance even if no name can be seen on them. If the machine is of a different make from any of the standard kinds it is probable that it has been bought from some mail order house. The standard makers of tools all letter and number their castings and they can be identified by this letter if the maker's name is not found. The McCormick house uses the letter M to precede the number on the casting on its mowing machine, the letter B on the grain binder; the John Deere family uses the letter B on its disk cultivator, and the Deering people use the letter Y on their corn binder, and so on. In most cases the implement dealer can identify a machine by the letter and number in his repair book.

We have a letter from a Kansas City reader relative to the figures given as the cost of raising an acre of wheat which appeared in this column about three weeks ago. The figures were given by A. Story, the Route 7 correspondent of the Lyons Republican. Taking 20 bushels of wheat to the acre as a basis Mr. Story figured that the actual cost of raising and marketing an acre was just about \$11.50. This gives an actual cost for each bushel of practically 60 cents. Our Kansas City friend asks what the cost would be if things were figured out on a basis of city time and city wages, the working day to consist of 8 hours and the wages to be \$3 a day for a man and 50 cents a day for each horse used. On such a basis the cost of raising a bushel would be largely increased of course. Our Kansas City friend thinks that on a basis of city prices and time the cost would be \$1 a bushel; perhaps it would not be quite that in a season of yields such as this year produced but in the average year it would not be far from the even \$1.

We often hear it said that if the farmer was to figure his time as being worth anything he would come out in debt at the end of every year. If in addition the farmer was to figure a fair rate of interest on the value of his land we wonder where he would land in most instances. It is a fact that for many years the farmers of the West worked for less than 50 cents a day. During the years when corn sold for 15 cents, wheat for 40, oats for 12, hogs for \$2.50 and common cattle for less than 2 cents a pound the average farmer did not make 25 cents a day, clear. He is doing better now and is going to continue doing better. If the cities continue to grow he will in time receive as much for a day's work as the city laborer and the work will be figured on a basis of 8 hours as a day's work, too.

In the meantime, when figuring the profits and losses of the farmer, let us not forget that to buy a good 160 acre farm and fully stock it and supply machinery to run it in an up-to-date manner will require almost as much capital as it takes to start a national bank.

Got Your Bridge Plans?

It will soon be bridge building time in Kansas. Many plans have been prepared in the state engineering office during the last few weeks. "Much work that would have been done this fall has been postponed until next year because of the dry weather," says A. R. Losh, assistant state engineer at the Kansas State Agricultural college. A great many counties, however, are going right ahead with their work.

Plans are, at present, being prepared for five concrete bridges in Riley county, contracts for which are to be let September 15. Cloud county has had the state engineers draw plans for six large bridges. Two reinforced concrete arch bridges and four small, flat-top

Are our boys and girls worth more than our cattle and horses? Is it not of more importance to save our young men and young women, the future fathers and mothers, from the ravages of social diseases, than it is to save our livestock from spavin or bloat?

bridges have been designed for Neosho county, Mr. Losh says. These contracts are to be let August 24.

The state engineers are preparing plans for surfacing the floor of a concrete bridge near Manhattan. This bridge is about 600 feet long and a coat of tar and sand is to be used to protect the concrete floor. This is a construction that is new to Kansas but is used extensively in California.

The contract for one and one-fourth miles of concrete road at Bassett, Kan., is to be awarded September 5. The plans for this road were designed in the state engineer's office at the agricultural college. This is the first concrete road of any size to be built in Kansas. It is being built on a portion of the heavy traffic section of what is known as the Oil Belt Route, just south of Iola.

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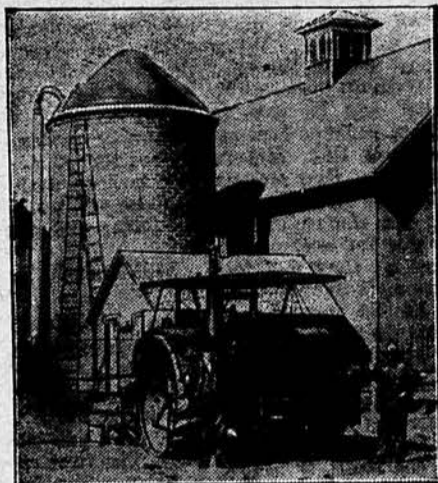
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Before You Fill Your Silo

Some Pointers on Cutters and Crew

BY C. D. YETTER
Topeka, Kan.

WITH the rapid increase of silo building many machines are being developed for cutting silage, from a small hand power feed cutter to high speed machines of 10 or 15 tons capacity an hour. Where pit silos are the rule, as is largely the case in western Kansas, the elevation feature is eliminated, and the problem of cutting is much simplified. The operator in this case has only to determine the speed at which he desires to work in selecting a machine. For a semi-pit, an elevating device may be had as an attachment to most machines at a moderate cost.



is especially true of high speed machines where life and limb could be placed in jeopardy. For these reasons reliable firms should be patronized in making inquiries looking to purchase.

Filling the silo is the largest item of cost of this valuable feed, and this brings up the labor problem; for this reason it is better if possible to arrange neighborhood co-operation. As the use of a large cutter and blower is the most economical where several neighbors can own it jointly it reduces the first expense and assists in getting help together at the proper time. After the force is organized, a certain amount of generalship in keeping it "strung out" and going at a steady gait will materially reduce the final figures on cost. Low down racks built between the axles of wagons assist a great deal in lessening the labor of handling and speeds up the work.

A corn binder or sled cutter for two men usually will keep all hands moving if they are allowed about one half day's start. A few extra corn knives have been found useful occasionally. The distance to be hauled will govern the number of teams needed, but four teams should be able to keep ten tons an hour to the machine.

For the actual filling inside the silo it is important to keep the cut material well distributed so there will be no air pockets after settling, the center well filled and the edges thoroughly tramped. There are three important rules in filling a silo, and they should be committed to memory as they are short. They are: Tramp, tramp, tramp.

These and a little water added when necessary will make first class, airtight work, which is bound to be satisfactory. A distributor may be had with most types. These are in sections which may be removed as the filling progresses, and are of material assistance, making it much easier on the men doing the tramping.

Where a silo is partly filled and the filling completed at a later date care should be taken, especially in pit construction, with regard to gas. Try it first with a lighted lantern, and if the lantern burns brightly it is safe, if not look out for gas. Fatal accidents have been reported where this precaution was not observed.

Measuring Silage

This inquiry comes from a subscriber at Potwin, Kan.:

I have a silo 35 feet high and 13 feet and 8 inches in diameter. I put in 22 feet of corn August 24 and finished filling it with kafir 30 days later. The silage now measures 29 1/2 feet. I wish to sell the top 26 1/2 feet. How many tons will there be to sell?

You will have 72 tons to sell. The weight of a cubic foot of silage depends upon how well it is packed in the silo, and also on the amount of moisture it contains. Generally it is estimated that a cubic foot from the top of the silo will weigh 18.7 pounds; a cubic foot at 10 feet from the top, 33.1 pounds; a cubic foot at 20 feet, 40.2 pounds; and a cubic foot at 26 feet, 52.7 pounds. The average weight for the top 26 1/2 feet is estimated at 37.5 pounds a cubic foot.

To find the number of cubic feet, square one-half of the diameter and multiply the result by 3.1416. This will give the number of square feet in the base of the silo. Multiply this by the depth of the silage to be sold and the result will be the number of cubic feet of silage. Multiply the number of cubic feet by the estimated weight of a cubic foot and the result will be the number of pounds.—T. W.

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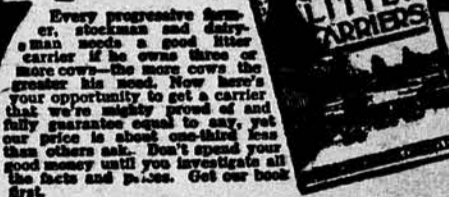
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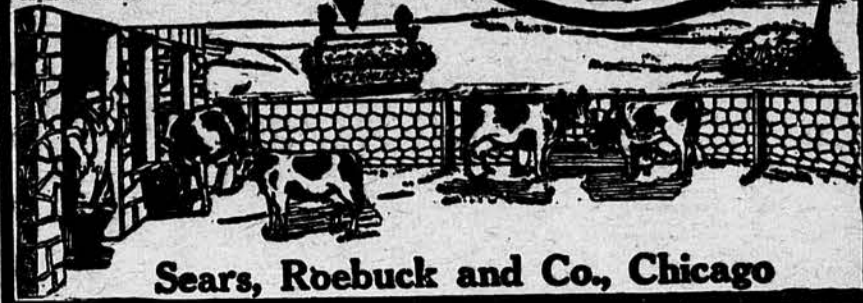
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Many Ways of Making a Good Profit Are Open to Those Who Have Eyes to See

HOW to make a little extra money for herself is an absorbing question with many a woman. When the marriage ceremony is said the man repeats the phrase, "With all my worldly goods I thee endow," and he usually means it. Nevertheless, perhaps because they are the daughters of their fathers as well as their mothers, five women out of ten are looking for some way to earn a little money for themselves, so they won't have to ask for every cent. You can't argue about it; they just feel that way. They must do it to keep their self respect. It is almost unnecessary to mention the fact that in families where the husband hands over enough money to run the family without waiting to be asked for it, or where he understands that marriage is a partnership and gives his wife the privilege of handling a check at the bank, it is different. Here are some letters from women who have been successful in earning a little for themselves:

ing all kinds of housework, care of children, gardening, poultry raising, anything and everything that would be likely to help others. She keeps a close lookout for easier ways to do housework, etc., and then when she has opportunity writes it out and sends it to the editor of a magazine in which she has noticed articles of a similar kind. Editors are usually glad to get a helpful letter and are willing to pay for it.

Adda C. Hall.
Fall Branch, Tenn.

Money in Jelly.
A lady made \$40 one fall selling jelly. She canned the juice of all fruits just as she did the fruit, and for this reason could make fresh jelly on short notice. She sold eight dozen glasses to one lady. The first customer offered 25 cents a glass. She furnished everything and delivered them; the empty glasses were returned. She cleared about \$1.50 a dozen. When one can produce anything worth having there is always a demand. Things to eat sell if one cares to make a business of it.

Mrs. J. A. Dostal.
South Omaha, Neb.

Canned Tomatoes.
Last year I canned some tomatoes for my neighbors for which I charged 15 cents a can. I selected not over ripe tomatoes and canned them whole, crowding as many in a can as possible. They were nice to use for salad, because of the care I took not to get them too ripe or to let them break. I barely let them come to a boil before sealing. I made \$20 after paying for my cans and plants, as I could scarcely fill all of my orders.

Mrs. W. K. Barrett.
Perry, Okla.

Sauerkraut Made Profitable.
What to do to make money at home was quite a question with my neighbor until she originated this plan: Every year she used to give away a good deal of sauerkraut to her friends who did not make it themselves and hesitated to buy it from the stores. "Now, I don't see why I can't sell it," she thought when she was suddenly bereft of her husband. She told her friends and orders quickly began coming in. People came for her homemade sauerkraut from miles around. She put a short advertisement in the paper and canvassed certain sections of the city every day for orders to be delivered on certain days of each week. She had small granite pails she kept especially for the purpose and her children helped her in the delivery. She got 10 cents a quart. In the fall she made sauerkraut in other people's homes, and received 35 cents an hour. Her service included the use of her cabbage cutter and stamper, which she always took with her. Sometimes she simply rented her cutter for 50 cents a day. This woman's cellar was always full of canned fruits and corn and tomatoes, for which she took orders when she delivered her sauerkraut. All this helped in a large way toward the support of herself and her children.

Sophia L. Huber.

Everybody Likes Grape Juice.
One girl makes her pin money from home products. She makes and bottles pure grape juice, which brings her large profits. This is her simple recipe: Fill a large granite pan with ripe grapes and let simmer, not boil, till juice runs out. Strain as for jelly, then let juice boil up once and bottle while hot. She also makes peanut butter which she puts up daintily, and she has a large demand for it. She also makes veal loaf. All these she sells to the local dealer.

Kansas Reader.

Chickens in Town.
There is money made by caring for chickens even on a small town lot if you go at it with a will. I started one New Years day with 35 hens. I kept books on them and at the end of the year found I had cleared \$65, and still had on hand a good many more chickens than I started with.

Mrs. E. S. McNamer.

Selling Pansy Plants.
Here is one way that I make easy pin money without much expense or lost time. Start a large bed of pansies from the best giant pansy seed in August. When the seedlings are the proper size carefully transplant to a place where they will be protected from the frost. Cover with a mulch, and in the spring rake away. Your reward will be most perfect early spring blossoms. Little grape hills filled with these and sent to market find ready sale at top price.

Mrs. J. A. Dostal.
South Omaha, Neb.

What To Do When Fruit Is Scarce
[Prize Letter.]
Having seen your request for recipes that may be used when fruit is scarce, I am sending some which I use:

Watermelon Preserves—Pare off the green rind and cut the white into pieces about 1 inch square. Boil in slightly salted water, using about 1 teaspoonful of salt to 1 gallon of water, till nearly clear. Remove from the water and place in a sirup made of 1/2 pound sugar for every pound of raw rind. Flavor to suit the taste; I prefer lemon extract. Or, better yet, slice a lemon, rind and all, into the sirup while cooking. Boil till clear and tender, and can.

Watermelon Pickles—Pare the rind and cook in salted water as for preserves. Make a sirup of 1/2 pound sugar, 1/2 cup water and 1/2 cup vinegar to every pound of raw rind. For every 2 pounds of rind take 1/4 teaspoon cinnamon and 1/4 teaspoon allspice, tie it up in a cloth and cook in the sirup. Cook till clear and tender, and can.

Vinegar Butter—Heat 1 cup molasses and 1/4 cup vinegar or less if preferred, to the boiling point. Stir in 1 tablespoon flour rubbed smooth in a little water; lastly stir in 1 egg beaten light. Flavor with nutmeg.

Lemon Butter—One cup water, 1 cup sugar, 1 egg, 1 tablespoon flour, stirred smooth; juice and grated rind of 1 lemon, 1 tablespoon butter. Place over the fire and stir constantly till cooked.

Mrs. R. L. Cranor.
Neodesha, Kan.

Orchard Fruits.
I find our orchard a source of profit. In one season we sold \$78 worth of apples. I sold cider apples for jelly at 40 cents a bushel, fallen apples at 50 cents, fine picked apples at 75 cents, winter apples at \$1. Apples with small rotten spots were left for the chickens and pigs. I also made several gallons of jelly, and smoked 20 gallons with sulphur. We also buried about 15 bushels for use in winter. Our apples would have gone to waste if I had not done something, as the men were too busy to bother with them.

Mrs. D. E. Mattix.
Morral, O.

Keeps Her Pen Busy.
The woman who has only a common education seldom thinks of trying to write for the papers; yet I know one woman who has made more than a small amount by writing recipes, ways of do-

GENUINE DAMASK Table Linen Set FREE

This beautiful and durable table set consists of one Table Cloth and six fringed Napkins, full standard size as stated above. Made of genuine German Damask that is absolutely guaranteed to wear and retain its color and appearance after washing. The illustration falls far short of doing this magnificent set justice. It is pure white center with delicate tinted borders. A set that any woman will be very proud of.

Full Size Table Cloth 82x52 1/2 inches. 6 Napkins 16x16 inches.

Guaranteed to Stand Wash and Wear!

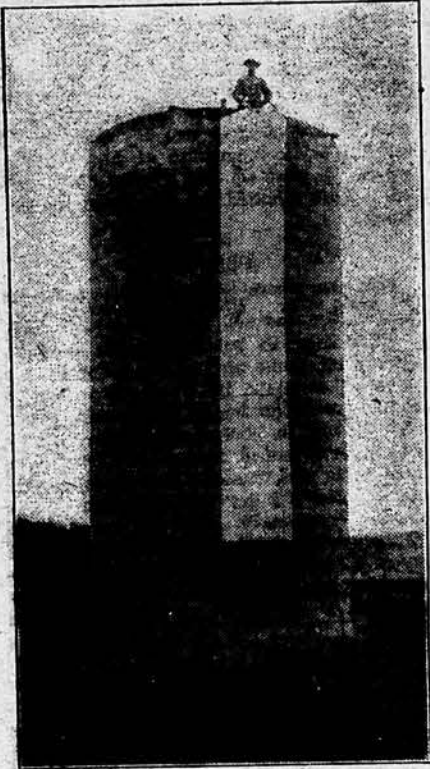
We will send this useful table set free and postpaid upon receipt of one dollar to pay for two subscriptions to The Household for a period of three years each. Either new or renewal subscriptions will be accepted on this offer. Address

THE HOUSEHOLD, Dept. LS15 Topeka, Kansas

SPECIAL We will send every person who accepts this offer within the next twenty days, four transfer patterns free, consisting of shirt waist, corset cover, Dutch collar, and set of dollies as an extra reward for promptness.

A Man Who Knew How

This is about a man who needed a silo. Silos, he knew, were made by men and no good reason existed why he shouldn't make one for himself. The result is shown in the picture. J. H. Hugos of Scandia, Kan., was the man. He made the cement blocks and laid



A homemade silo.

them, with just one man to help him, and now you see him perched at the top of his silo proud of his work. It is a structure 37 feet high and 14 feet in diameter, inside. Five feet of the height is in the ground. The inside is plastered.

Mr. Hugos's silo is proving satisfactory. The silage is keeping perfectly.

Build a Silo Anyway

If you are thinking about making any improvements this year, let it be one improvement. Build a silo. It doesn't make any difference about the kind; they are all good, but some may be better than others, of course. You will be surprised at the result, and at the same time you will give your stock and yourself, as the Scotchman would say, a rare treat.

Silage is the greatest boon that has come to the farmer in late years. The canning of the green, succulent forage in summer for use in winter means a longer life and less trouble and work for the farmer. It means less exposure in the winter, and more time to enjoy a good fire and comfortable surroundings. It means greater stock production with less expense and less loss of stock in winter. The stock are ready to go back to the pastures, when the grass starts in the spring, as slick and fat as when they left them in the fall.

The silo has brought to the farmer an assurance that his cattle, hogs, horses, sheep, and chickens will have a good rich feed all winter. It has also brought peace of mind in the knowledge that none of his stock will suffer as long as the silage lasts. We users of the silo have found that the work of the year is materially decreased, after the silo is built, by the ease with which the winter feeding is done. It is an easy matter to see that Old Boss, Dobbin and Mr. Parker get their regular meals if a silo is located at some convenient place near the barn, with the troughs inside the barn or around the silo. If everything is arranged conveniently, one man can feed 75 cattle, 10 horses, and the pigs and chickens in an hour or less time. Silage outclasses any other feed in developing good appetites and keeping the stock in good condition.

The person who owns a farm these days, and does not have a silo, is like a ship at sea without a mast. He is at sea, sure enough. The farmer who tries to raise corn, oats, wheat, and other small grain must also raise livestock. His land will not always grow good grain crops without a change. There is no better way of utilizing other crops than with livestock, and a silo is necessary in order to feed to the best advantage.

The man who has a silo does not have to worry about winter feed. He can take a bunch of scrawny calves, that have been in the hands of some poor master, and feed them on silage and hay through the winter and they will look like different cattle in the spring. They will be ready to turn on grass or sold at a profit to some feeder who is looking for such stock.

There is no better feed for milk cows. It takes the place of grass and insures a good milk flow in winter. The cows do not have to be coaxed to come to the barn to get their two meals a day but when the troughs are filled and the doors opened they do not wait for a second invitation. A man fills the troughs twice a day with 20 pounds of silage for every cow. All the silage that the cows throw out is swept up, after they are turned out in the morning, and put back in the troughs. The summer and fall calves are then turned in to clean up after the cows. They lick everything clean. The calves are given a feed of fresh silage in the afternoon and then turned back to the straw pile and hay barn. The fall pigs and brood sows are then put in the barn to clean up any waste the cattle leave. Nothing gets away. There is very little silage left to go in the manure spreader.

All the work is lessened if you have a silo. The winters do not seem so long. You do not have to dig fodder out of the snow or let your cattle stick to some old barren stalk field or the south side of a wire fence on cold days. It makes you feel as if life is worth living.

Engene Lancaster.

Bremen, Kan.

Making a Silo Airtight

Three of my neighbors and I are going to build silos out of 2 by 4's laid flat. If we paint with coal tar between the 2 by 4's and on the inside, will the silage be tainted enough to affect the milk?—W. F. C., Las Vegas, N. M.

If you paint the inside of your silo with coal tar the silage lying next to the wall will smell and taste a little of the coal tar, but there will not be a sufficient amount of this for it to give any taint to the milk. If there is very much odor the cattle will not eat it. If the silage is fed at milking time or just afterward there will not be any danger of the taste getting into the milk because the odors and tastes of feeds are not found in the milk if such feeds are given eight or ten hours before milking time.

It has been our experience that it is better to line the inside of this type of silo with a heavy rubberoid roofing paper. I believe you would find that this would give better satisfaction than if you merely painted the 2 by 4's on the inside.

O. E. Reed.

Kansas Agricultural College.

The wheat map of the world is an exact map of the highest civilization of the world.

LESS MEAT

Advice of Family Physician.

Formerly people thought meat necessary for strength and muscular vigor.

The man who worked hard was supposed to require meat two or three times a day. Science has found out differently.

It is now a common thing for the family physician to order less meat, as in the following letter from a N. Y. man:

"I had suffered for years with dyspepsia and nervousness. My physician advised me to eat less meat and greasy foods generally. I tried several things to take the place of my usual breakfast of chops, fried potatoes, etc., but got no relief until I tried Grape-Nuts food.

"After using Grape-Nuts for the cereal part of my meals for two years, I am now a well man. Grape-Nuts benefited my health far more than the medicine I had taken before.

"My wife and children are healthier than they had been for years, and we are a very happy family, largely due to Grape-Nuts.

"We have been so much benefited by Grape-Nuts that it would be ungrateful not to acknowledge it."

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

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Most economically conducted.

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The most competent EXPERT management—over 25 years in the manufacturing, wholesaling and retailing.

THE MOST JUST TERMS—

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We ship direct from the Mill and save extra freight and handling, as well as from our very complete stock at Omaha.

HAVE SAVED 50% MANY MEN

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BY ALL MEANS

Hold Your Grain

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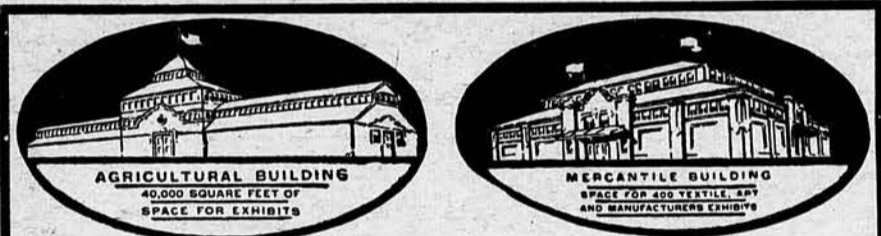
A REAL GUN. Take-Down pattern, with latest improvements, walnut stock and grip. Shoots accurately 22 long or short cartridges. Handsome, durable. **SEND NO MONEY** only your name and address for my easy plan of securing this fine rifle absolutely free express prepaid. Write today. **D. W. BEACH, Box 52, Spencer, Ind.**

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1914 Take-down Pattern, with all latest improvements, walnut stock and grip. Shoots accurately 22 long or short, handsome, durable. SEND NO MONEY. Just send your name and address for my easy plan by which you can secure this fine rifle absolutely free express prepaid. Write today. **H. A. SLOAN, Dept. M B, 115 W. Main St., Madison, Wis.**

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Lectures by experts of national reputation. Farm Adviser Department. Farmers' Day Sept. 16. Special programs of instructive and educational nature. Grand parades of Live Stock winners. Granges, Farmers' Unions, Farmers' Clubs in charge of program. Permanent buildings for 2,000 head of show stock. A school of practical subjects.

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THE BIG FAIR—MEET ME THERE!



Treating Cows for Milk Clots

Caused By An Udder Infection—Veterinary Help For Dairymen

BY DR. R. R. DYKSTRA
 Kansas Agricultural College

TWO cows in a dairy herd belonging to "C. M.", a reader of The Farmers Mail and Breeze at Hoxie, Kan., are giving white stringy clots in their milk. Mr. M. has written in to know if anything can be done to cure this condition. These cows are probably affected with some infection of the udder, and I would suggest that you milk them out very thoroughly, after the other cows are all milked and destroying their milk. It has been recommended to inject in the udder about 1 quart of a 1/2 solution of fluoride of soda. In injecting this medicine you should be very clean about it, as otherwise, destruction of the cow's udder may result.

frequently affects the lungs in such a way that a considerable portion is destroyed. The animals then are in apparent good health until they are exercised, causing the cough and distress to appear. There is very little that can be done to relieve this condition. I would suggest that you try steaming the animal with 3 gallons of hot water to which 1/2 pint of hog dip has been added. This should be repeated twice a week.

Pink Eye.

Will you please tell me how to treat cows for pink eye? What causes it and is it very dangerous?—L. T. F., Powderly, Tex.

Pink eye is an infectious condition spreading from animal to animal. Prevention consists in separating the diseased from the healthy animals, placing the former in cool, dark stalls and giving each affected animal a pound of epsom salts and washing out the eyes twice daily with a 2 per cent solution of boric acid. Frequently after the soreness has disappeared, white spots remain on the eyes. These may be made to disappear by blowing in the eye, not oftener than twice a week, about as much calomel as can be held on the point of the blade of a pocket knife.

Remedy For Lice.

I would like to have the remedy for lice on horses that was published in the Farmers Mail and Breeze about a year ago. It was composed of ammonia and borax but I have forgotten the exact proportions. Coffey county, Kansas. W. F. W.

I cannot find or give the remedies asked for, but for lice on horses I would recommend that they be dusted with Persian insect powder, or with Pyrethrum powder.

Open Sore.

I have a horse that had the laryngitis about 18 months ago. The swelling broke but there was a discharge from the opening, which is on the under side of the neck at the throat latch, for about six months. The sore then healed up and broke again. I have employed a veterinarian but he cannot effect a cure. J. W. B. Graham county, Kansas.

The opening under your horse's throat should be freely enlarged by incising it so that you will have good drainage from the wound. This should be followed by washing the wound once or twice daily with a 2 per cent solution of carbolic acid.

Wire Caused Irritation.

I have a mare that was strangled or choked on oats about 10 days ago. I was unable to get a veterinarian so I doubled a smooth wire and pushed it down her throat. This relieved her at once and she started eating and now seems as well as ever except that she has a bad cough. Can you suggest a cure for the cough or will she get well without additional treatment? Wright county, Missouri. F. C.

Your mare's throat was probably irritated by the wire which you passed into it and this produces the coughing. I am satisfied that the animal will get along all right without any more treatment.

Water on the Brain.

A few weeks ago one of my sows farrowed some pigs that had a lump of water just above the brain. Some lived and are all right but others lived about two weeks and then just went crazy. What is this trouble?—F. W. R., Gibbon, Okla.

Your pigs are affected with what is ordinarily spoken of as water on the brain, or the technical name is "hydrocephalus". There is no known cause for this condition but it occurs quite frequently, neither is there any known form of treatment. The affected animals usually die very shortly after birth.

Sudden Death.

I had a colt, 72 days old, that appeared very healthy when I turned it out one night. The next morning it was stiff and could hardly walk. It breathed hard and died about 11 o'clock. We opened it and its stomach and intestines were full of large white worms, ranging 2 to 6 inches in length. Did the worms cause her death? What would you advise as a treatment for worms?—R. T., Portland, Kan.

I do not believe that the worms you found in your colt were the cause of its sudden death. I cannot state the cause of its death because no symptoms or definite post-mortem lesions are given as a guide. Worms are rather common in colts and as a rule they may be successfully treated by giving the animal about 2 tablespoonsful of turpentine mixed with 1 pint of raw linseed oil. This is to be given on an empty stomach once a week until no more worms are passed.

Lung Troubles.

One of my young cows has a severe cough and a thick, whitish discharge from the nostrils at times. When hurried or when she takes cold she seems to cough more. She is in good flesh, shed well this spring, and her hair looks fine. What is this and can it be cured?—R. W. M., Arriba, Colo.

Your cow has undoubtedly had an attack of lung fever at some time, which has become more or less chronic. This

Caked Udder.

One of my cows has a caked udder and she gives lumpy milk. She has been in this condition for two years. Can anything be done for her?—Mrs. D. G., Madril, Okla.

Your cow is undoubtedly affected with a condition known as contagious infection of the udder, which usually starts as a small, hard nodule at the base of the teat. In the course of time the entire udder becomes hard, or caked, and the cow gives lumpy milk. At this stage the condition is incurable, and it is therefore advisable to fatten the animal and dispose of it. Animals thus affected should be milked last of all and the milk destroyed, as the disease may otherwise be transmitted to other cattle. In the early stages of this disease, an injection of 1 quart of lukewarm, 1/2 per cent solution of fluoride of sodium into each quarter, under strictly sterile conditions, is said to be of advantage. I am satisfied, however, that the condition has progressed too far in your cow to be amenable to treatment.

Stamping Out Abortion.

(A) What causes abortion in range cattle? (B) Is it contagious? (C) Can it be cured? (D) Is there any known preventive? (E) Do males spread the disease?—C. J. W., Wood Lake, Neb.

(a) Abortion in cattle may be caused by feeding decomposed or moldy feed; by injuries, etc., but whenever large number of cattle abort in one herd, it is to be regarded as contagious abortion.

(b) The disease is decidedly contagious.

(c) A cure is very difficult, though with proper treatment the disease can be controlled and checked.

(d) Prevention consists in thoroughly disinfecting all stables, pens, yards, and fences, and isolation of the healthy from the diseased animals. Keep separate bulls and separate attendants for the diseased and the healthy members of the herd.

(e) The disease may be spread by the bull; by cattle coming directly in contact with each other; by fences, stables, etc. The two lines of treatment most frequently recommended are the carbolic acid treatment and the methylene blue treatment. The latter, which has lately come into vogue, is from bulletin 174, Vermont Experiment station.

This treatment should begin early in pregnancy. Ten to 15-gram doses (1/2 to 1/2 ounce) in capsules should be given night and morning for seven days, and after a four weeks' interval the treatment should be repeated for another seven days and continued at four-week intervals during the period of gestation.

The approximate cost of the methylene blue (medicinal) is \$2.50 a pound. Each gram costs about a half cent, making the daily dosage to cost about 10 cents and each week's treatment cost about 70 cents a cow. The material can be obtained of wholesale druggists.

Saved Both Feed and Money

In 1912 I built a 135-ton "Common Sense" silo and put in from 20 to 25 acres of large-stalked corn, making about 30 bushels to the acre. I fed it to 120 head of fattening and stock cattle and calves from early in the fall until almost grass time, keeping wild hay and other roughness before them. They ate very little hay. The milk cows also had a few pounds of cotton cake daily and their milk flow was almost as heavy as when they were on grass. I know that I saved at least 1,000 bushels of corn besides the hay on my 90 head of feeders, by feeding silage. The stock cattle also came through in good order.

In 1911 I had no silo. I cut up 125 acres of my corn making from 5 to 15 bushels an acre and fed all that besides buying more than \$100 worth of other fodder, stalk pasture and straw stacks, and \$700 worth of hay. I ran out of feed before April 10. I know that I saved from \$500 to \$700 on my rough feed bill by having a silo in 1912. If I had had the silo in 1911 I would have gotten through on the feed I raised on my farm. This season I am putting double the number of stock through on the same amount of corn as some people did on corn fodder. I use wheat straw for dry, rough feed.

The work and expense of building and filling a silo seems to scare many farmers. The only extra work in using a silo is cutting and tramping the silage and that is almost balanced by shocking and husking the fodder where a silo is not used. It costs a good deal to build a good, durable silo, but once it is built it lasts a life time if properly attended to. There is no place where feed can be stored as cheaply as in a silo. A 100-ton silo can be built more cheaply than a barn holding 100 tons of loose hay.

A silo saves from 25 to 75 per cent of your rough feed. It saves going out in all kinds of bad weather, hauling fodder and cutting up your land in muddy weather. It saves the work of hauling away a lot of stalks and litter. When a silo is used one can go ahead and fall plow or fall seed without the fodder bothering. A large per cent of the food value is saved by putting the feed out of the way of the elements.

I like the "Common Sense" silo in all ways except that it has to be lined on the inside with roofing paper or felt and holes are soon jabbed into it. It is the strongest wooden silo built.
Vassar, Kan. J. W. Huella.

How I Built a Pit Silo

I have been a reader of your valuable paper for about seven years and find many useful articles in it. As I see so many accounts of silos and the cost of building them, I would like to give the cost of mine. I exchanged work with a neighbor. Three men and a boy 10 years old dug and cemented my silo in three days. It is 10 by 20 feet. I put in the collar 8 by 14 inches. This I made of 1 to 4 sieved sand which I have in the creek bed on my farm. The wall was cemented with one good heavy coat of 2 to 5 and washed with cement wash, digging about five feet and cementing as we went down, keeping the wall wet. We lifted the dirt as fast as one horse could haul it out, using a crane derrick with two dump buckets. The man on top used a team and hauled the dirt away, while the two mixed the mortar and did the cementing. I used 18 sacks of cement at 50 cents a sack which would be \$9 for cement and the material in the derrick cost \$1, thus making \$10 for the cost of the silo.

There are just 185 silos in El Paso county built in the last two years. I have a 5-horsepower engine and an 8-inch silage cutter, and can fill my silo in two days with the proper force. My silo holds 32 tons. I began feeding out of it about November 15 and have fed 17 cattle and it is only a little over half gone. I think the silo is the best investment I ever made and I would not do without one. I put in 8½ acres of corn fodder and corn which made 26 bushels to the acre and it makes good silage. All my stock eat it heartily. I expect to build my silo up 3 or 4 feet above the ground this summer.
R. T. Adair.

Ellicott, Colo.

The efficiency of a community is dependent upon the class of farmers which it supports.

No War Prices

On Goodyear Tires. All advances—due to doubled cost of rubber—were withdrawn on August 19th. This applies to dealers and consumers.

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All-Weather treads—the matchless anti-skids. They are tough, double-thick and enduring. Resistless on wet roads with their deep, sharp grips; yet flat and smooth, so they run like a plain tread.

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These things mean safety, sturdiness and strength. They mean maximum mileage and minimum trouble.

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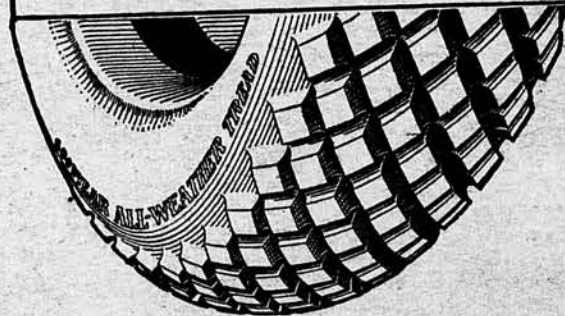
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Grass-Fat Cattle to Market

Movement Is Late and Small—Dollar Wheat Expected Soon

BY C. W. METSKER
Kansas City, Missouri

THE movement of grass-fat cattle to market is fairly well begun but is about three weeks later than usual. All states from the Canadian line to the Gulf, and from about the center line of the Rockies to the Missouri river, are included in the supply territory.

But considering this vast area that is contributing, the total number of cattle is comparatively small. The greatest decrease is in wintered grades, the class that is eagerly sought to substitute for a diminishing supply of corn fat steers. Heavy, straight grassers are likewise scarce.

While the movement is just beginning above the quarantine line, cattlemen below the line seem to have shipped out the best cattle and are now beating up the brush for the "leavings". Consequently about three-fourths of this southern run is made up of cattle that bring \$5.50 to \$6.50, weights ranging from 450 to 1,100 pounds. The few good cattle offered are bringing \$7 to \$8.60.

A range of from \$4 to \$5 exists in cattle prices; from \$5.50 to \$10.60 for steers; \$4 to \$8 for cows; \$5 to \$9.65 for heifers; \$6 to \$10.50 for calves is the price range. The governing factor of the situation is quality, and as the offerings are displayed it is easy to detect how prices are determined.

Big Demand For Thin Cattle.

In the last ten days good showers to heavy rains covered the Missouri and Mississippi valleys. There has not been enough to relieve all stress of stock water, but it changed the extreme pressure of dry weather that was becoming most alarming. Many prospective buyers of thin cattle were holding back for just such relief, and it is the forecast of the trade that Missouri, Illinois, Indiana, and Ohio will begin buying thin cattle.

Thin cattle will not be offered as freely as a year ago, because Kansas, Nebraska and Oklahoma will buy instead of sell, and Texas practically has a home market for its surplus cattle.

September Bees \$11?

Having passed to the \$10.60 mark it now begins to look as if September will see prime steers up to \$11. In the recent price fluctuations it has been noticeable that prime steers at no time were in large enough supply to keep them from rising slowly. In August, 1912, the year of the former high record prices, \$10 at Missouri river markets and \$10.25 in Chicago were the tops. In September the same year top prices were raised 75 cents to \$1.00 over the August level. A similar course is indicated in the market within the next thirty days.

Hog Market More Settled.

Trade in hogs last week was more reliable than during any week in August. While prices were under the extreme high level of the month they were on a basis of \$9 to \$9.30, and relatively higher at Missouri river markets than in Chicago. Packers bought freely, there was a good demand from shippers, and receipts remained moderate. A few dry weather hogs came but the general showings of the week ended that movement. While hog prices were not materially lower, prices for fresh pork have been reduced 2 to 4 cents a pound. This decline indicates that packers are receiving a better inquiry for the product, and the burden of cost which the fresh product has borne all summer, can now be relieved. No big movement of hogs is indicated for the near future.

Increasing Receipts of Sheep.

Conditions indicate an increased movement of sheep, but the volume will be considerably short of former seasons. Last week Omaha reported supplies, and that increase is the van guard from the Northwest. Prices for lambs last week declined 25 cents and sheep were quoted steady.

Movement of Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago.

	Cattle	Hogs	Sheep
Kansas City	46,450	27,600	24,750
Chicago	47,400	102,000	100,000
Omaha	18,400	41,600	84,700
St. Louis	27,800	58,500	16,200
St. Joseph	3,200	25,200	16,500
Total	146,250	232,900	242,150
Preceding week	110,350	246,400	180,550
Year ago	161,650	223,300	212,000

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and same period in 1913:

	1914	1913	Inc.	Dec.
Cattle	846,979	1,108,862	261,883	
Calves	52,660	70,212	17,552	
Hogs	1,258,594	1,640,939	382,345	
Sheep	1,142,856	1,180,968	38,112	
H. & M.	47,654	50,182	2,528	
Cars	54,819	72,614	17,795	

No Horse and Mule Trade.

No demand is the general condition of the horse and mule market. Dealers have advised against shipments, and are waiting for improved conditions both in the East and South. Prices are the lowest in more than two years past, but only scant supplies are offered.

Wheat to Go Higher.

There is a general belief among traders that wheat will soon be selling at \$1, and better. This is usually the season of the

year when receipts are heavy, but in the last two weeks they have been small enough to indicate a small crop. The holding tendency creates a fairly healthy market, and will be a source of strength until export trade can be re-established. Some growers are quoted as saying that they will hold their wheat for \$1.25 a bushel. This would be 55 cents higher than the starting prices on this year's crop.

Late corn, forage crops and pastures were helped by the light to heavy rains of last week. In many localities more is needed. Large quantities of corn are being cut in Missouri and southern Iowa. Prices for both corn and oats are firm.

Feed and Seed Quotations.

Feed—Shorts, \$1.26@1.35 a cwt.; bran, \$1.07; chop, \$1.52; rye, 80¢@82¢ a bu.; barley, 53¢@55¢ a bu.

Seeds—Alfalfa, \$9@12.50 cwt.; clover, \$9

12.50; timothy, \$3.75@5; millet, \$1.20@1.70; flaxseed, \$1.39@1.42.

Hay Quotations at Kansas City.

Prairie, choice	\$10.50 @ 11.00
Prairie, No. 1	8.50 @ 10.00
Prairie, No. 2	8.00 @ 9.00
Prairie, No. 3	5.00 @ 7.50
Timothy, choice	15.00 @ 16.00
Timothy, No. 1	14.00 @ 14.50
Timothy, No. 2	11.00 @ 12.50
Clover mixed, choice	14.00 @ 14.50
Clover mixed, No. 1	12.50 @ 13.50
Clover mixed, No. 2	10.50 @ 12.00
Clover, choice	12.50 @ 13.00
Clover, No. 1	11.00 @ 12.00
Clover, No. 2	9.00 @ 10.50
Alfalfa, choice	14.50 @ 15.00
Alfalfa, No. 1	13.50 @ 14.00
Standard	12.50 @ 13.00
Alfalfa, No. 2	11.00 @ 12.00
Alfalfa, No. 3	9.50 @ 10.50
Straw	4.50

Broomcorn Into Markets.

The new broomcorn crop is being harvested and with the crop earlier and of better quality than last year more uniform prices are expected. Hardly any new corn has been sold and buyers are none too plentiful. Some sappy corn sold at \$60 to \$75 a ton, and choice grades as high as \$120. By September marketing will be well under way.

A State-Wide Rain Is Needed

Good Showers Reported From Many Counties But Dry Spots Are Still Plentiful—Wheat Acreage To Be Smaller

SOME parts of the state have been thoroughly soaked within the last week or two while other sections are still dry as a bone. Corn is being put into the shock or silo and moisture would help it but little now, but a state wide "soaker" would still be of untold benefit to late feed crops and would also put wheat ground in tip top condition.

The western and central parts of Kansas again seem to have been the sections most favored by the weather man. Five inches of rain fell in Reno county last week according to Reporter Engelhart, and good showers are reported from a number of counties farther west.

The general report is that the wheat acreage will be much smaller this fall than it was last year. Inability to get the ground plowed, due to the long, dry spell, is given as the main cause for this expected decrease.

KANSAS.

Wilson County—Only light showers since July 4. Corn being cut and silos being filled. Stock cattle and hogs high on account of scarcity.—S. Canty, August 22.

Grant County—Broomcorn harvest is in progress. Crop is fair to good. Corn good where we had local showers. Milo is fine, and kafir good. Butter fat 25c; milo 90c.—J. L. Hipple, August 22.

Marion County—Had a fine rain last night. It came too late for the corn but was fine for alfalfa, pastures and fall plowing. All livestock in good condition.—A. Spangler, August 21.

Nemaha County—Very dry. Corn won't average more than 10 bushels to the acre. Apples falling badly. Seed crop of alfalfa will be light. Prairie hay crop light. Pastures dried up. Good wheat and oats.—C. W. Ridgway, August 23.

Washington County—Good rains on August 20 and 22 were good for the late feed, pastures and fall plowing. Considerable wheat will be sown. A lot of threshing yet to be done. Farmers feeding new corn.—Mrs. Birdsey, August 24.

Harvey County—Have had local rains but the intense heat soon evaporates the moisture. Many farmers are filling their silos to save corn and green feed. Wheat 80c; eggs 18c; dressed beef 25 to 30c a pound.—H. W. Prouty, August 22.

Kiowa County—There is so much straw that wheat threshing is more tedious than usual. No rains since July 4. No ground prepared for wheat. Corn is a failure and is being cut now. Wheat 77c; butter fat 22c.—H. E. Stewart, August 22.

Reno County—Had a 5-inch rain and will have some corn. Broomcorn harvest has begun and the crop is small. Wheat stacks have been soaked through by the rain and there will be no more threshing for some time.—D. Engelhart, August 22.

Crawford County—Showers over the greater part of the county have been of great help. Corn is quite spotted and there is much complaint of bugs. Plowing for wheat is well along. Pastures still short and some farmers are feeding.—H. F. Painter, August 22.

Mitchell County—Weather still dry with only a few local showers. Corn almost a failure. Some new silos being built and filled. Plenty of roughness. Not as much ground plowed for wheat as usual. Wheat 75c; corn 80c; hogs \$8.50.—S. C. DePoy, August 22.

Jewell County—Good rains over most of the county were of great help to feed and late corn. Third crop of alfalfa does not amount to much on account of dry weather. Threshing nearly done in this vicinity. Wheat 82c; hogs \$8.44; eggs 16c.—L. S. Behymer, August 22.

McPherson County—Not more than 40 per cent of the fall plowing has been done on account of lack of moisture. Only a few local showers in the last six weeks. Pastures running low. All the corn is in the silo or in shocks. Not much wheat to market.—J. Ostlund, August 24.

Gray County—Wheat threshing is the main business at present. Considerable disking for the next wheat crop is being done. Too dry to plow now. Nearly an

inch of rain August 18. Wheat running from 30 to 40 bushels an acre. Help is scarce.—A. E. Alexander, August 19.

Geary County—Weather very hot and dry. Farmers are busy cutting corn. Fodder is good this year. Corn is almost a failure in the northern part of the county but it is fair in the southeastern part. Plowing nearly done. Not many hogs or cattle being shipped out. Corn 80c; wheat 80c.—O. R. Strauss, August 22.

Cheyenne County—Extremely dry weather. Corn will make from nothing to 25 bushels an acre. Threshing in progress and wheat is making from 5 to 25 bushels to the acre. Plenty of feed. Not much plowing done for wheat and acreage will be much smaller than last year. Wheat from 75 to 80c.—F. G. Casford, August 20.

Franklin County—Local showers last week. Ground is very dry for fall plowing. Disk plows are being used. Third crop of alfalfa put up and it made about a half ton to the acre. Early corn on bottom land is very good. Many fields will make as much as 50 bushels. Feterita and kafir good. Silos nearly all filled. Much corn fodder being fed as pastures are very dry.—H. O. Cain, August 22.

Rush County—Corn will make a big yield. Feterita is about ready to harvest and will make from 40 to 60 bushels to the acre. Milo is a fine crop. Threshing progresses slowly on account of wet weather. Plowing for wheat about finished; sowing will begin on August 24. Farmers very busy putting up feed and threshing. Wheat 82c; eggs 17c; prairie hay \$6; alfalfa \$8.—J. F. Smith, August 22.

Anderson County—Hay making is the order of the day. Most of the prairie hay is being baled but some of it is being stored away in hopes of better prices. The yield is about one ton to the acre. Having rain every few days which is good for the late corn. Corn will make 60 per cent of a crop. Peaches plentiful. Apples scarce. Hay \$7.50 ton; peaches \$1.50 a bushel; potatoes \$1.—G. W. Kiblinger, August 21.

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We give beautifully engraved, latest style thin model, ladies' small or gent's size hunting or open case WATCH. Fine time keeper, guaranteed 5 years; solid case, looks and wears like gold. Also in Diamond Ring and Hand-some Chain. ALL FREE. Just order 20 cents to sell assorted jewelry. Sell at 10c each. Extra gift if you order now.



IDEAL WATCH CO. Dept. A 105 ELMIRA, N.Y.

Farmers Mail and Breeze Will Give Four Automobiles FREE!

You Can Become the Owner of One of These Fine Cars Without One Cent of Cost



These four fully equipped automobiles will be given absolutely free of cost to the four most industrious readers of Farmers Mail and Breeze on November 7th, 1914. Anyone—man, woman, boy, or girl—whether a subscriber to Farmers Mail and Breeze at the present time or not, is eligible to compete for these valuable prizes. If you want to own an automobile read this announcement carefully. You have here an opportunity to possess one of these fine automobiles without one cent of cost. Mail the entry coupon today and receive full information about this great offer.

There is hardly a person who does not have the desire to own an automobile. The first cost, however, in procuring an automobile is prohibitive to a great many. Farmers Mail and Breeze is going to conduct another one of its great popular subscription contests, and has arranged to give away four automobiles as prizes. This gives you four opportunities to become owner of an automobile. A liberal cash commission has also been provided, so that if you take up work in this contest and should not be successful in winning one of the prizes you will have one-fourth of all the subscription money that you send in rebated to you at the close of the contest. This makes you absolutely sure of a good substantial reward for any effort that you may put forth. You either get an automobile or a nice commission check.

HOW SUBSCRIPTIONS ARE COUNTED

The prizes in this contest will be awarded to the person having the highest number of points. Each subscription sent in will count a specified number of points and the candidate who has the most points at the close of the contest will receive the Overland automobile. The one having the next highest number of points, the Ford touring car, and so on until the four prizes have been awarded.

The regular scale of points in force during this contest is

as follows: One-year subscriptions, \$1.00, 500 points; Three-year subscriptions, \$2.00, 2,000 points; Six-year subscriptions, \$4.00, 5,000 points. No subscriptions will be accepted for a longer period than six years.

As an extra inducement for those who read this announcement to enter the contest and start working for the prizes at once we are making a special offer whereby double the points given in the above scale will be allowed on all subscriptions sent in from the beginning of the contest until October 7th. It is to your advantage if you want to earn an auto to get a good start during this offer. This is the largest number of points that will be allowed during the contest. Any other special point offers which may be made will be on a reduced scale. In case of a tie for a prize a prize exactly like the one in question will be awarded each tying contestant.

17 AUTOMOBILES GIVEN AWAY

In the past few years we have conducted a number of contests and have given away over 17 automobiles, besides a great many other prizes, including motorcycles, pianos, diamond rings, gold watches, etc. We will gladly furnish you the names and addresses of any of these prize winners so that you can investigate our methods of conducting our contests. We assure everyone a fair and square deal, and the reputation of Farmers Mail and Breeze stands behind this guarantee.

An Automobile for Every Prize Winner

<p>SECOND PRIZE.</p>  <p>FORD TOURING CAR.</p>	<p>THIRD PRIZE.</p>  <p>FORD ROADSTER.</p>	<p>FOURTH PRIZE.</p>  <p>SAXON ROADSTER.</p>
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Mail This Coupon for Full Information

Do not hesitate about entering this contest, but mail the coupon, together with your name and address, at once. It will not cost you one cent to find out about this great offer, and if you are willing to give a little time and effort to introducing our publication you have a splendid opportunity of becoming owner of an automobile. We also have a big surprise for you which we will send to you as soon as we receive your name. Make your start today by mailing the coupon. Someone will get the automobiles, and you may as well have one of them as anyone else.

Farmers Mail and Breeze 410 CAPPER BUILDING
TOPEKA, KANSAS

MAIL THIS COUPON

FARMERS MAIL AND BREEZE, 410 Capper Bldg., Topeka, Kan.

Gentlemen: Please send me full details regarding your great automobile contest and enter my name as a contestant. It is understood that this coupon does not obligate me in any way.

Name

Town

State..... R. F. D..... Box.....

August 29, 1914.

THE FARMERS MAIL AND BREEZE

Kansas Hens to Meet

(Continued from Page 3.)

COLORADO

FOR SALE. Deeded land, desert and home- stead entries, near R. R. station. \$10 per a. Wm. Tew, Sterling, Colo.

FREE descriptive circular. Best 800 acre ranch. Price \$25.00 acre. You will want it. Allison, Rye, Pueblo Co., Colo.

160 ACRES choice irrigated land in San Luis Valley, Colorado. Abundance of water, rich soil, and good title. Will sell all or a part at a bargain. Write for particulars. Geo. J. Mauck, 1604 E. 9th St., Oklahoma City, Oklahoma.

EASTERN COLORADO offers great oppor- tunities to you. Good climate, soil, water and the best of land at \$10 to \$25 per acre. Wheat yielding 20 to 45 bu. per acre. Write for descriptions, etc. Frank Vanderhoof, Otis, Washington Co., Colo.

CAN GIVE 3 ACRES of irrigated land with house, within one mile of Town Hall, for \$1150 to \$1950. Cherries, apples, small fruits and vegetables will give \$500 to \$1500 each acre each year. Sales Agency buys for cash what is raised. Twenty-nine houses occu- pied by owners who are making money. Fine climate, perfect health. One-fifth down, balance to suit. Send for illustrated cir- cular. Rainbow Park Land Co., Florence, Colorado.

BIG CROPS IN COLORADO

Last chance to buy land at present prices. Winter wheat promises to make 40 bushels per acre on dry lands. We own 13,000 choice acres, Weld county, near Carr. Denver only \$5 miles; Greeley 30; near mountains. Fine climate, beautiful scenery. Your choice of land at \$15 to \$20 acre. Easy terms. Smith Estate lands being closed out. Don't miss this. Write at once for plat and particulars. ELWOOD LAND COMPANY, Minneapolis, Minn. 749 McKnight Bldg.

320 ACRE HOMESTEADS 320 ACRE

Great opportunities. We have the finest soil, climate, water, crops, schools, people; a better country than many eastern states. These 320's will cost you from \$100 to \$600 according to distance, improvements, schools, free range and the best stock country in the world. If you want one of these places you will have to get here at once. We have charts and a line on everything in the best of eastern Colorado. 2 miles from Kansas on the Missouri Pacific. R. T. Cline and F. H. Grigg, Towner, Colo.

MINNESOTA

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write Asher Murray, Wadena, Minn.

FOR REAL BARGAINS, large or small farms in Minnesota and near the Twin Cities, write for list. Fred Mohl, 511 Capital Bank Bldg., St. Paul, Minn.

WANTED—Farmer in every locality to han- dle our West Central Minnesota farm lands. Liberal commissions. Write for proposition. King Land & Loan Co., Breckenridge, Minn.

IT RAINS IN MINNESOTA—when it ought to. Annual precipitation 29 inches, 14 inches in the months of May, June, July and August (growing season). U. S. weather records for 75 years. Maps and lit. sent FREE. Write Fred D. Sherman, State Imml. Commissioner, Room 50, State Capitol, St. Paul, Minn.

BEST-LOW PRICED FARMS. I own improved farms and unimproved land any size tract, in Minnesota, Dakota, Montana, or Colorado. Write now for your copy of sixteen page pamphlet quoting wholesale prices, legal description and full particulars. If you want the choice send telegram or come at once. Unheard of bar- gains at practically your own price and terms. Address owner, Warren W. Hurd, 310 Commerce Bldg., St. Paul, Minn.

75 Minnesota Farms

Renville and adjoining counties. \$50 to \$100 per acre. WE GROW CORN. Write for list. Stocker & Beske, Hector, Minn.

NORTH DAKOTA

BEST DEAL ON BEST SOIL in rain belt. Wadsworth, Langdon, N. D.

WRITE for illustrated Blue Book describing my rich Red River Valley farms. Soil black loam. We grow corn, clover and wheat. Ad- dress William McRoberts, Casselton, N. D.

CROP PAYMENTS.

North Dakota land \$20 to \$30 per acre, 1/4 cash, half crop and half cream until paid. 15 cows free with each section. 7 with 320. Write owners, Sylvester Bros., St. Paul, Minn.

NORTH DAKOTA LANDS

Direct to Purchaser. Crop conditions in North Dakota were never finer than now and land prices are go- ing up. To obtain settlers along our 1200 miles of track here we have obtained listings of several hundred thousand acres of choice lands, ready to farm, and at low again. cost. Prices will never be so low again. Roads, schools, churches, railroads all estab- lished. Very low excursion rates Mondays and Tuesdays. Come and see lands yourself or write for full particulars. J. S. Murphy, Immigration Agent, Soo Line Railway, Min- neapolis, Minn.

ALABAMA

BLACK BELT ALFALFA AND STOCK Farms for Sale

1,550 acres, beautiful location, flowing ar- tesian wells, plenty of shade, 1,830 acres choice alfalfa soil, ideal location, flowing wells. The above farms are the best properties in Alabama. We are selling more land and have more good land to offer than any firm in either Alabama or Mississippi. For infor- mation address C. C. Clay Alfalfa Land Co., Demopolis, Alabama.

THE OZARKS, WHAT OF THEM?



Many Ozark farmers are making money raising hogs. The fine open winters make it unnecessary to provide expensive quarters and the porkers can range nearly the entire year. Thousands of hogs are fattened on mast without any expense to the owner and there is little disease in the Ozark region. The razorback type of hog is disappearing from the Ozarks. In his place you will find purebreds and profit makers of an Ozark farm.



Although it was a dry year one Ozark dairyman reports a clear profit of \$100 a cow in 1913 from each one of the 18 cows in his herd. This man tests his cream were sold at ordinary market prices—not fancy prices. Hblsteins, Ayrshires and Jerseys are making the Ozarks one of the greatest dairy countries in the United States. It would be impossible to find a better country for poultry raising than the Ozarks. Young chicks are thriving before incubators are set farther north and the early hatched pullets insure heavy egg production in winter time. A large por- tion of the poultry products that make Missouri the greatest poultry state come from the Ozarks.

FREE: "Homesteaders' Review," best land journal pub- lished. Many big bargains. West Plains Real Estate Co., West Plains, Howell County, Missouri.

OZARK FARM BARGAINS. Write or see the Southwestern Land & Immigration Co., Springfield, Mo. Exchanges made.

BEST bargains in Missouri. 333 a. 2 mi. town. Two sets imp. 180 a. bottom, price \$30 per a. Missouri Land Co., Humansville, Mo.

25,000 A. timber land, imp. farms, Douglas and Ozark Cos. Best bargains on earth. Homesteaders Real Estate Co., Ava, Mo.

GOOD TIME to get into Stone county, Mo. Big crops; feed and land cheap. Climate the best. J. Felix Norman, Galena, Mo.

40 ACRES, 4 mi. Lebanon, 30 acres apple trees, 6 room house, barn, etc. Price \$1,600. Stillwell Land Co., Magnolia City, Lebanon, Mo.

WHITE RIVER CLUB sites on lake. Farms, ranches, city property; mineral, fruit, poultry land. White River Realty, Branson, Mo.

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, Mchats, Nat'l Bank Bldg., Springfield, Mo.

HOWELL CO. land to trade for western land or town property. List and pamphlet free. South Missouri Land Co., Mountain View, Mo.

IF YOU WANT a grain or stock farm on Current River, write Garry H. Yount, Van Buren, Mo.

C. L. WILLIS will furnish you free lists of farms and timber lands. Write him at Willow Springs, Missouri.

480 A. STOCK RANCH, Estanchla Valley, N. M. Valley land, well imp., \$9,600. Near R. R. Want income. F. M. & C. G. Morgan, Springfield, Mo.

POLK COUNTY FARMS for sale or exchange. Ideal climate, pure water, fine pastures, short feeding season, productive soil, prices and terms to suit. Harry T. West Realty Co., Bolivar, Mo.

FOR SALE OR EXCHANGE

WILL SELL OR TRADE you "That farm you want." James Harrison, Butler, Mo.

YES, FOSTER BROS., INDEPENDENCE, Kan., have trades of all kinds.

HOWELL COUNTY land for sale or trade. J. R. Bright, West Plains, Mo.

BARGAINS in Lyon County. Trade any- where. S. M. Bell, Americus, Kansas.

CASS CO. FARMS for sale or exchange. W. J. Dunham, Creighton, Mo.

WRITE Shoemaker & Garvey, for farm lists; exchanges made. Goods or lands. Leeton, Mo.

EXC. BOOK. 1,000 farms, etc. Everywhere. Honest trades. Graham Bros., Eldorado, Kas.

A. P. HOUSTON will sell or exchange your land or merchandise anywhere. Want land exchanges. Pittsburg, Kansas.

WE will exchange your property. Anything, anywhere. List with us and be convinced. Wilson & Hedrick, Hartford, Lyon Co., Kan.

IF YOU have property to exchange or sell, write for particulars of our services and liberal guarantees. Describe property in first letter. Real Estate Advertising Agency, Dept. C, Riverton, Nebraska.

LIVERY, boarding, sale and transfer busi- ness. Doing as much business as any in state. All funeral and cab work in city of 8,000. Will sell stock and barn or will sell stock and lease barn. Terms. Windle Bros., Galena, Kan.

EASTERN LAND FOR WESTERN. 240 acres, well improved, about 75 mi. southwest of Topeka. Price \$18,000, mtge. \$5,500. Want good land, in Kansas, not too far west for equity. What have you? Might assume some. Frank W. Thompson, Beloit, Kan., Agt.

BARGAINS in Cass and Johnson counties, Missouri. 346, 280, 222 acres well im- proved, fifty miles from Kansas City. Want merchandise worth \$18,000.00. Exceptional cash bargains on well improved farms in three miles of town. John N. Shomaker, Garden City, Mo.

FLORIDA

Young Man! Horace Greeley once said, "Go west, young man, go west." And why? Because in those days western lands were cheap. Those were the days of your father's opportunity. Land in the West is too high now for you to buy. We have land in South Florida that will produce three and four large paying crops each year and can be bought today at very low prices and liberal terms. These lands prop- erly farmed earn from \$200 to \$400 per acre yearly. This is your chance. It's your desire to make good then go with us to Florida. Write us today for our Booklet No. 2 which contains reliable information on Florida. Address: NEW HOME REALTY COMPANY, 1307 Commerce, Kansas City, Mo.

NEW MEXICO

NEW MEXICO: Pecos Valley; Carlsbad project. 40 a. government irrigated farm. Exceptional terms. Write owner, R. D. Fuller, Carlsbad, N. M.

FOR SALE:—160 acres choice alfalfa alfalfa and fruit land 1/4 miles from Artesia, New Mexico. Well improved. 60 acres alfalfa, 15 bearing orchard. Price \$18,000.00. Actually worth \$24,000.00. Debts force sale. Dan Sullivan, Effingham, Kansas.

OKLAHOMA

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok. SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooker, Okla. 230 A. 6 mi. McAlester; 75 a. tillable, bal- ance pasture; \$12.50 per a., worth \$20.00. \$2,000 incumbrance, 4 years. Southern Realty Co., McAlester, Okla.

OKLAHOMA LAND FOR SALE

Good land in Northeastern Oklahoma, which was part of the old Indian Territory, price from \$20 to \$35 per acre. Write for price list and literature. Agents wanted. W. C. Wood, Nowata, Okla.

For Sale by Owner

Beautiful valley farm, between 400 and 500 acres, very rich land, no overflow. New, mod- ern improvements. Will divide into two farms, if desired. 25% cash, liberal terms on balance. Location three miles east of Vinita, Oklahoma. W. M. Mercer, Aurora, Illinois.

NEW YORK

McBURNAY'S NEW YORK FARMS. Improved, cultivated and priced at half value, make western farmers buy on sight. Come now, see, and bind your bargain quick- ly. McBurney & Co., Basstable Block, Syra- cuse, New York.

slogs will be distributed. I cannot see how any breeder in the state can over- look this opportunity for so much good advertising for the low price of half a dollar, and then along with it each mem- ber will get all the benefits of the show.

We are planning a truly great show and convention. We aim to have the best program ever attempted by any poultry organization in the history of the state. This convention feature of our show week should in itself draw a large attendance. I have been informed by one of the leaders in Topeka that the breeders of that city will do something in the way of providing entertainment for the visiting poultrymen.

We will use uniform cooping and no charge will be made to the exhibitors for the use of these coops. And our entry fee is low—only 50 cents a bird. This is just half the usual charge for entering birds at a uniformed cooped show. In addition to our regular cash prizes, which we consider very liberal, a number of specials and silver cups will be offered. One of the cups will be awarded to the best cockerel in the show. An effort is being made to get the meetings of several of the specialty clubs. A silver cup will be offered for the largest entry of birds by a member of any specialty club holding its meet- ing at our show. I just mention a few of the prizes to show that our pre- miums will be worth competing for. The services of five prominent judges have been assured and the awards will all be made by Tuesday night of show week.

I want to make it clear that the Kansas State Poultry federation is not trying to kill off any other organization. We have simply worked out a good plan of poultry organization throughout the entire state and by boosting will maintain a state organization in fact as well as name, and will, with our plan of work, be able to build up the pure- bred poultry business in Kansas. There is room in Kansas for a lot of good poultry associations. We want them. That is one of the principal reasons why this federation was organized—to en- courage local and county associations. We could not have a federation, in fact, without having these county branch or- ganizations which we are organizing all over the state.

Join us and help the good work along. Send your 50 cents for membership right now to our secretary, L. H. Wible, Chan- nute, Kan.

Mail and Breeze Used In School

The pupils of Red Oak Rural High School enjoy the Farmers Mail and Breeze. It has been of great benefit to me in teaching agriculture. I am a firm believer in plenty of farm papers in the home for it is a big part of the education of country boys and girls. E. L. Castile.

Principal Red Oak Rural High School, R. 3, Tribbey, Okla.

I would go to almost any trouble rather than miss the Farmers Mail and Breeze. It is the one paper I must have; couldn't do without it. R. I. Sedgwick, Kan. L. J. Davis.

I enjoy the Farmers Mail and Breeze and think it is one of the very best farm papers published. Wellsville, Kan. L. A. Averill.

I enjoy reading the Farmers Mail and Breeze. I think it is about the clear- est paper that goes through the mail. Cawker City, Kan. W. E. Flecker.

The Farmers Mail and Breeze is the best farm journal we take and we do not see how we could get along without it. Peru, Neb. D. Donovan.

TEXAS

BIG CROPS, BIG MARKETS, BIG PROFITS. In the Houston—El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Pointers on Where to Buy Land," also "The Gulf Coast Bul- letin," for six months free. Allison-Richey Land Co., Houston, Texas.

Irrigated Alfalfa Farm

I will trade my irrigated alfalfa farm of 320 acres, every acre good, well pump- ing 1500 gallons water per minute. 70 acres in alfalfa, located in the Plainview Shallow Water district, no junk considered. J. Walter Day, Owner, Plainview, Texas.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

- A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan.

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.

Poland China Hogs.

- Sept. 5—J. E. Will, Prairie View, Kan.
- Sept. 8—A. J. Swingle, Leonardville, Kan.
- Sept. 29—W. H. Cooper, Pittsfield, Ill.

Spotted Poland Chinas.

- Oct. 16—Kennedy & Sons, Trenton, Mo.
- Feb. 24—Alfred Carlson, Cleburne, Kan.

Duroc-Jersey Hogs.

- Oct. 12—W. R. Hainline, Blandinsville, Ill.
- Oct. 22—M. M. Hendricks, Falls City, Neb.
- Oct. 27—Moster & Fitzwater, Goffs, Kan.

Shorthorn Cattle.

- Sept. 23—Adam Andrew and Fred Cowley, at Girard, Kan.
- Jan. 15—L. R. Brady, Mgr., Manhattan, Kan.

Jersey Cattle.

- Sept. 22—H. C. Johns, Carthage, Mo.
- Oct. 14—Parkdale Farm Co., Kane, Ill.

Angus Cattle.

- Jan. 21—L. R. Brady, Mgr., Manhattan, Kan.

Holstein Cattle.

- Sept. 22—W. G. Merritt & Son, Great Bend, Kan.
- Oct. 15—A. B. Wilcox, Abilene, Kan.

Hereford Cattle.

- Oct. 23-24—W. I. Bowman & Co., Ness City, Kan.

Guernsey Cattle.

- Nov. 16—Frank P. Ewins, Independence, Mo.; B. C. Settles, sales manager, Palmyra, Mo.

Jacks and Jennets.

- Oct. 20-21—L. M. Monsee & Sons, Smithton, Mo.

Combination Livestock Sales.

- Nov. 9 to 14—F. S. Kirk, Mgr., Enid, Okla.
- Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla.
- March 8 to 13—F. S. Kirk, Mgr., Enid, Okla.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

On September 22 W. G. Merritt & Son will sell at public sale their entire herd of purebred and high grade Holsteins, six registered bulls and 10 registered cows and heifers...

N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

Sam Herrin, Penokee, Kan., is a Poland China breeder that is making good in the business. He was one of the good buyers on the Riley county bred sow sale circuit...

Lee Brothers' Show Herd.

The show herd of Percherons which Lee Brothers of Harveyville, Kan., will have out this fall will include 30 head and will contain entries for all the classes. Scipion, the great champion stallion at the head of Lee Brothers' stud, will be included and the majority of the animals in the show herd were sired by this great sire.

September Litters Pay.

D. O. Bancroft, Osborne, Kan., is one of the oldest breeders of Duroc-Jerseys in the West and keeps his herd up to date by adding new breeding every year. His advertisement appears regularly in Farmers Mail and Breeze.

Choice Duroc-Jersey Gilts.

E. N. Farnham, Hope, Kan., breeder of Duroc-Jerseys, is offering some choice last fall gilts either bred for September and October farrow or open. He raised 70 fall pigs and is selling all of choice lot of young sows of the best of breeding and individual merit.

HEREFORDS.

Bowman's HEREFORDS

635 Head Registered Perhaps Largest Registered Herd in Kansas

Strong in the blood of such sires as Anxiety 4th, Beau Brummel, Leader, Grove 3d, Don Carlos, Beau Real, Militant, Lamp-lighter, Acrobat, Dale and other sires of note. Breeding stock for sale at all times.

We breed for size with quality. Public Auction October 23rd and 24th. Send your name early for catalog. W. I. BOWMAN & CO., Ness City, Kan.

Marshall County HEREFORDS

Ten 2-yr. olds and 23 3-yr. heifers for sale. Write for breeding, descriptions and prices. Poland: 70 early spring pigs, both sexes at private sale. Big and smooth and priced to sell. S. W. TILLEY, Irving, Kansas

Clover Herd Herefords

Headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

FOR SALE—Bulls from 6 to 12 months old, at \$75 to \$100. Also 15 extra good 3-year-old cows, by Garfield 4th, all bred to calve in spring.

F. S. Jackson, Topeka, Kansas

FOR SALE Registered Shropshire sheep of both sexes; yearlings and lamb rams. J. W. JOHNSON, Route 3, Geneseo, Kan.

PUREBRED HORSES.



German Coach

70—Horses—70

The great general purpose horse. Satisfaction guaranteed. Write or call.

J. C. BERGNER & SONS, Pratt, Ks.

RED POLLED CATTLE.

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

RED POLLED CATTLE

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

RED POLLED CATTLE

Choice Young Bulls. Several good enough to head good herds—heavy boned, broad headed, breezy kind. Show prospects. Also a few cows and heifers. Visitors welcome. Call or write.

I. W. POULTON, Medora, Reno Co., Kan.



Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand.

H. H. JOHNSON, CLAY CENTER, NEBRASKA.

To get a really valuable sire it is a big saving for you to buy at this time of the year a growing young stud from my big bunch registered Percherons 1, 2, 3, and 4 years old. They have uncommonly large bone and in pasture condition are developing to immense weights like their imported sires and dams. Farm raised and farm priced. Just above Kansas City.

Fred Chandler, Route 7, Chariton, Iowa



HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

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

Clyde Girod, Towanda, Kansas

LOOKABAUGH'S SHORTHORNS

High class Herd Bulls, close to imported Scotch Dams, and sired by such sires as Lavender Lord by Avondale. Nicely bred young heifers from milking strains. Rugged young bulls, the Farmer and Stockman's kind; cows with calf at foot and rebred.



I want to sell during the next six weeks \$10,000 worth of Shorthorns. Six or nine months' time if desired. What we want is your trial order. Young heifers and bulls at \$75, \$100 and up.

This splendid array of Foundation Shorthorns carry the Best Blood of the Best Families and the Most Noted Sires of the Breed.

THE FARMER'S COW

The Shorthorn cow is the farmer's cow because she is best adapted to farm needs. She has been bred for milking purposes generation after generation and will furnish milk for her calf with a surplus to spare to make butter for the family, milk for the table and some for the pigs. Her calf has inherited a tendency to supplement this milk diet with the rough and waste feeds of the farm and the sum total for milk and beef in net gain to the farmer is more than is produced by any other than Shorthorns.

CALL ON OR WRITE H. C. LOOKABAUGH, Watonga, Okla.

Reduction of Shorthorns



175 Head of Shorthorns consisting of many choice animals that carry the blood of noted sires and fashionable families. Built up from foundation stock purchased from the best breeders of the Southwest.

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

M. S. CONVERSE, Peabody, Kansas

DAIRY CATTLE.

HOLSTEIN BULLS Registered, ready for service; also springing high grade heifers for sale. Springdale Stock Ranch, Concordia, Kan.

HIGGINBOTHAM'S HOLSTEINS 60 head of cows and heifers—registered and high grade. Also a few registered and high grade bull calves. HIGGINBOTHAM BROS., ROSSVILLE, KANSAS

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

FOR SALE Three registered Jersey cows and one high-grade; two due to freshen in Sept., two in Dec. All young and solid colors. HARRY GIVENS, Madison, Kansas

HIGH GRADE HOLSTEINS Over 200 head in herd. Special prices on 40 yearling and 2-year-old heifers, sired by Slatk Bunter Boy King, whose dam and granddam were 2 lb. cows. 40 miles west of Kansas City. N. EAGER, R. R. No. 6, Lawrence, Kansas

Rock Brook Holsteins Registered cows, heifers and bulls. Also a big lot of high grade cows and heifers, both Holsteins and Guernseys. Tuberculin tested. Priced to sell. Car lots a specialty. Rock Brook Farm, Sta. B. Omaha, Neb.

Guernsey Bulls Different ages, pure bred and registered; all good colors, nicely marked and first class in every way are offered for sale by J. H. LOWER, Edna, Kansas

SOMMER--BLADS GUERNSEYS! TUBERCULIN TESTED. Headed by Goodwills, Raymond of the Free, son of Imp. Raymond of the Free. Grade and registered females for sale, also registered bulls. ERNEST KENYON, Nortonville, Kansas

Guernseys Two Choice Guernsey Bulls of Serviceable Age Sired by the celebrated "MAY ROSE" bull, IMPORTED MAY ROYAL; out of A. R. cows; also choice young cows. Write, or better yet, visit the farm. Overland Guernsey Farm Overland Park, Kansas 6 miles from Kansas City on the Strong Electric Line.

FOLLED DURHAMS. Sloopy Hollow Polled Durham Cattle 13 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

LIVESTOCK AUCTIONEERS. BOYD NEWCOM Auctioneer, Real Estate a Specialty. Write, wire or phone for dates. N. W. COX Auctioneer, Livestock and Farm Sales. Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates. JESSE HOWELL Auctioneer, Livestock Auctioneer Write or phone for dates. J. P. Oliver Newton, Kan. Livestock and Real Estate Auctioneer. My 28 years experience insures better results. Jas. T. McCulloch, Clay Center, Kan. Reference: The breeders I am selling for every year. Write for open dates. FRANK J. ZAUN FINE STOCK AUCTIONEER, INDEPENDENCE, MO. "Get Zaun. He Knows How." Bell Phone 675 Ind.

Ruggels & Son, Beverly, Kansas Livestock and big farm sales solicited.

W. A. Fisher, White City, Kan. Livestock Auctioneer. Write or Phone for dates. D. F. Perkins, Concordia, Kan. Livestock Auctioneer Write, wire or phone for dates.

Be an Auctioneer Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks term opens Oct. 5th. Are you coming? MISSOURI AUCTION SCHOOL Largest in the World. W. B. Carpenter, Prop 515 Walnut St., Kansas City, Mo.

MULE FOOT HOGS. Choice young hogs for sale. Spring pigs, either sex; prices reasonable. FREELAND & HILDWEIN, WARREN, KAN.

"Mule Footed Hogs" The coming hogs of America. Hardy, good rustlers. Pigs 16 to 18 weeks old \$30 per pair. Circular free. J. B. DICK, LABETTE, KANSAS

and painstaking breeder in Kansas than Mr. Farnham. He is building up a herd that is attracting attention and his careful and painstaking methods in selling and delivering just what he has represented his stock to be insures him more than ordinary success. If you are in the market don't fail to write him for further information about what he has for sale and you can rest assured that you will get the squarest kind of a deal of you give him an order. Look up his advertisement in this issue of Farmers Mail and Breeze.

Albright's Poland Chinas. A. L. Albright of Waterville, Kan., one of the good Poland China breeders of the state, is offering in this issue 12 November boars, sired by Cavett's Mastiff, by King Mastiff, first and sweepstakes at Lincoln and Sioux City in 1911. Cavett's Mastiff weighed in breeding condition 750 pounds at 2 years of age. One of these boars would improve the average herd to a great extent. If you want a fuller description write Mr. Albright at once. The 25 spring boars were sired by Sterling, by Brookside, by Major Hadley. This boar looks at present as though he will be one of the great hogs of the future. Smooth, deep, long, splendid coat of hair; stands right up on four of the best of feet. This good boar was bought in David Ashbaker's sale at Mt. Sterling, Ill., last October. The sows in this herd are all sired by noted boars and are a fine lot. Stretchy, with deep sides, good backs and not a poor leg or foot in the lot. These sows last spring farrowed litters ranging from six to 11. If you need a boar, either fall or spring or nice fall or spring gilts, write Mr. Albright your wants and he will cheerfully send you any information you may desire about his herd.

Holstein Dispersion Sale. A. B. Wilcox, Abilene, Kan., will disperse his herd of Holstein cattle October 15. The offering numbers 70 head and the auction will be held at the farm joining Abilene. About 15 or 20 cows will be sold that will be giving milk and about the same number of heifer calves. The balance will be yearling and 2-year-old heifers and everything will be bred. Also the herd bull which is registered and a valuable bull will be sold. Dickinson county has a number of good herds of Holsteins and this herd is conceded to be one of the very best in the county. Dickinson county has an association known as the Dickinson County Pioneer Cow Testing association and Mr. Wilcox is a member of this association. He has been in the dairy business all of his life and is president of the Kansas State Dairy association. His cows are leading again this year and the records they are making are very flattering. The writer does not pose as a dairy expert but after talking with other parties interested in the dairy business in the vicinity of Abilene we are convinced that this offering of Holsteins is one of the very best ever made in the state. The sale will be advertised in the Farmers Mail and Breeze and more complete information about the offering will be given later on. In the meantime anyone interested should write Mr. A. B. Wilcox. October 15 is the date of the sale.

Swingle's Great Offering. In this issue of Farmers Mail and Breeze appears the advertisement of A. J. Swingle's Poland China sale at Leonardville, Kan. Mr. Swingle is offering Poland China breeders something a little different in this sale. Early in the season he selected 15 extra choice last September gilts and bred them for September farrow. Every one of them will have her litter by her side sale day and you will see exactly what you are buying. These 15 young sows are big, siretely sows that have been well grown and carefully handled and mated for most excellent results. They were sired by Gritter's Surprise and Big Orange Again. The herd boars that received so much favorable mention last winter. They are out of 13 sows in Mr. Swingle's herd that simply can't be duplicated in the West. The breeding is that of the most noted families of big type Polands in Iowa. These young sows are full sisters to and are equally as good as the sows sold in Mr. Swingle's last February sale that topped the Riley county circuit with an average of something over \$50. There will also be a few tried sows and the balance of the offering will consist of picked March boars of the same crossing. These boars are splendid individuals with wonderful prospects for the future. They are really an extra choice lot of young boars with size and quality. They are not going to be fat but just in perfect condition. They will undoubtedly please anyone looking for size and popular breeding. The same boars would sell in a later sale for double what they will bring in this sale. But Mr. Swingle does not want to make two sales and is putting in the actual tops of spring crop of boars. Let me buy you a boar in this sale. Such bids should be addressed to J. W. Johnson in care of A. J. Swingle, Leonardville, Kan.

Nebraska BY JESSE R. JOHNSON. J. R. Higgins & Son, well known Poland China breeders, located at Dewitt, Neb., have an advertisement in this issue in which they offer 98 spring boars and gilts of last March and April farrow. Few breeders have bred more noted Poland Chinas than have this firm. They breed the very large, smooth type and their hogs are in favor wherever known. The boars and gilts offered are all of one type and were all sired by the splendid breeding boar, Shattuck's Sampson. A letter of inquiry will bring an accurate description from this firm.

Holstein Cattle. Registered cows, bulls and heifers of all ages are for sale at Rock Brook Farm, Omaha, Neb. Mr. Henry Gissman, proprietor of this herd, is one of the best known breeders and dealers in Holsteins in the West. If in the market for stock write him.

Buy Shetland Ponies. Any of our readers who are in the market for Shetland ponies should be interested in the advertisement of H. E. Johnson, the big breeder located at Clay Center, Neb. Mr. Johnson has a large herd and offers stock of all ages, and of different colors, including state fair winners.

Schwab Sells All the Time. Geo. W. Schwab, extensive breeder and shipper of registered Durocs, located at Clay

HAMPSHIRE. Registered Hampshire Spring boars and gilts priced to sell. Every hog properly vaccinated. C. E. LOWRY, OXFORD, KANSAS

PURE BRED HAMPSHIRE Stock of all ages at bargain prices. ALVIN LONG, LYONS, KANSAS

FOR SALE 10 Hampshire boars, serviceable age. A few gilts and 40 weanlings. All best bred and good belting. Write for prices. E. G. L. Harbour, Baldwin, Kan.

SPECIAL PRICES on Pedigreed young Hampshire boars, bred sows and gilts. Call on or write. J. F. PRICE, Medora, Kan.

SUNNY SLOPE FARM HAMPSHIRE Pigs all sold but 5 boars and 10 sows—best of the crop. \$20 each or 3 for \$50. If you say they are not worth the money, I will try my level best to adjust the difference. If you know a fairer way to sell hogs, tell me and I will sell your way. FRANK H. PARKS, Olathe, Kansas

O. I. C. HOGS. O. I. C. PIGS LARGE TYPE, Harry W. Haynes, Meriden, Kansas. O. I. C. FALL BOARS REGISTERED FREE. HENRY KAMPING, ELSMERE, KANSAS.

Western Herd O. I. C. Hogs March pigs, both sexes, \$10 related at less. Also 25 fall gilts bred for September farrow. F. C. GOOKIN, RUSSELL, KANSAS

O. I. C. FEB. AND MARCH PIGS at \$15 each. A No. 1 herd boar and some bred gilts and tried sows. Address, A. G. COOK, Waldo, Kan.

O. I. C. HERD BOAR My herd boar O. K. Wonder for sale at \$40. A sure breeder and a good one. Also spring pigs of both sexes. Write. Andrew Kosar, Delphos, Kan.

PRIZE WINNING O. I. C.'s 400 head from which to select. Sired by Illinois Protection, Maple Lawn Prince and other boars. Some bred sows and gilts. Edw. Ross & Son, White Hall, Ill.

Chester Whites or O. I. C.'s One hundred head of spring pigs by Jumbo's Model 25095. Dixie 25097 and five other noted hogs. Get my prices. B. M. GILMORE, JOY, ILLINOIS

O. I. C. Bred Sows and Gilts A few tried sows and gilts, bred for fall farrow. 150 spring pigs with size and quality, also a few boars ready for service. Write for prices. JOHN H. NEEF, BOONVILLE, MISSOURI

MAPLE GROVE O. I. C.'s The L. B. Silver Co.'s Straits at Greatly Reduced Prices During August. BOARS—5 months old, \$8; 5 months old, \$10; 7 months old, \$14; 9 months old, \$18. SOWS—3 months old, \$8; 5 months old, \$12; 7 months old, \$15; bred gilts, \$20. Bred sows, \$30. Pigs and tries not related. Also boars not related to bred gilts or their offspring. F. J. GREINER, BILLINGS, MISSOURI

Berkshires Two young show herds, two fall boars, 100 choice individuals to select from, including spring pigs. J. T. BAYER & SONS, Yates Center, Kan.

Hazlewood's Berkshires! A few good bred sows and gilts. Write today. W. O. Hazlewood, Route 5, Wichita, Kan.

Ralph Creighton, Creighton, Mo. Breeder of High Class Berkshires Bred sows and gilts, and also Spring pigs of both sexes, now for sale, at reasonable prices.

Walnut Breeding Farm BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77098 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Herford bull calves. Lees Waite, Winfield, Ks.

Special Offering Sutton Farm Berkshires 125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today. SUTTON FARM LAWRENCE KANSAS

Keisler Farm BERKSHIRES 98 high class registered spring pigs for sale sired by our three great boars, Bivaleer, Grand Leader, and Starlight Premier 6th. Also squab breeding pigeons for sale. Call or write. A. J. McCauley, Perryville, Mo.

BERKSHIRES. Private Berkshire Sale 10 Aug. and Sept. boars at \$25 to \$50. 70 March and April pigs by three noted show boars. Dutches and Imp. Baron Compton dams. Address H. E. CROSBY, NORTONVILLE, KAN.

DUROC-JERSEYS. Special Prices for 90 days on Duroc Jersey Spring piglets. Pairs and tries. Satisfaction guaranteed. R. C. Watson, Altona, Kan.

Smith's Durocs September gilts, by Smith's Graduate, others by Tattler, by Tattarax, bred for September litters. Spring pigs either sex. Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

DUROC FALL GILTS BRED Sired by Iowa Chief 2nd out of richly bred sows and bred to Van's Crimson Wonder. 100 spring pigs either sex for the season trade. GARRETT BROS., Steele City, Neb.

MCCARTHY'S DUROCS Handsome fall boars, by a grandson of Graduate Col. Spring pigs either sex. Prices reasonable. Write today. DAN MCCARTHY, NEWTON, KANSAS.

Tyson Bros., McAllaster, Kansas The tops of our Duroc Jersey spring crop of pigs, either sex at \$12.50 to \$15.00 each. 12 Sept. gilts at \$20 to \$25 each. Address as above.

BARGAINS IN DUROCS Bred sows and gilts. Good thrifty spring boars and sow pigs. Our prices will suit you. C. D. WOOD & SON, ELMDALE, KANSAS

GOOD E. NUFF AGAIN KING 35203 The sensational Grand Champion of Kansas State Fair 1913 heads our great herd. Sale average March 11, \$62.12. 40 great sows and gilts for sale. Prices right. W. W. OTEY & SONS, WINFIELD, KANS. "The men with the guarantee."

IMMUNED DUROC-JERSEYS Best of breeding. Plenty of size and quality. Prices right. Sale Oct. 27. MOSER & FITZWATER, GOFF, KANSAS

November Boar Bargains 12 big stretchy fellows that can't help pleasing you. Also gilts same age bred to order. Also a few bred sows. Everything guaranteed. J. E. JACKSON, KANOPOLIS, KANSAS.

Maplewood Durocs We are offering trios, two gilts and a boar, early April farrow at \$45 for the three, not related. Address Mott & Seaborn, Herington, Kan.

BRED SOWS and GILTS To farrow in September and October. Also Red Poll Bulls. Address GEO. W. SCHWAB, CLAY CENTER, NEB.

60 Pigs, Private Sale Sired by Freddy M (1,000 pounds) and Harley, by Regulated, by Regulator. Good herd boar material. Address F. M. CLOWE, CINCLEVELLE, KANSAS

TATARRAX and OHIO CHIEF Tried sows and fall gilts bred for fall farrow to sons of B. & C.'s Colonel and G. M.'s Tat Colonel. Prices reasonable. John Barthel, Jr., Partridge, Kan.

Select Chief — Col. Harris 150 February, March and April boars and gilts by above boars at private sale. All are immune. Prices reasonable. See our herd at the fairs this fall. THOMPSON BROS., GARRISON, KANSAS

Bancroft's Pedigreed Durocs We hold no public sales, nothing but the best offered as breeding stock. Choice fall gilts bred for September farrow, weight 225 to 250 pounds. Price \$35.00. Spring pigs, pairs or trios not akin. Customers satisfied. Describe what you want we have it. B. O. BANCROFT, Osborne, Kans.

TATARRAX HERD DUROCS No bred sows or gilts to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. A cheap way to get in the hog business. Write today. BUSKIRK & NEWTON, Newton, Kan.

BRED GILTS Yearling gilts, growing and thrifty, bred for late summer and early fall farrow, to a good sire of Col. Chief breeding. Prices reasonable. HAROLD P. WOOD, Elmdale, Kan.

Immune Fall Boars Col. and Ohio Chief blood lines. Choice from large litters, also spring pigs, large and fancy, by an outstanding son of champion Good E Nuff Again King. Quick sale prices. G. M. Shepherd, Lyons, Ks.

SIZE and QUALITY DUROCS A few choice bred sows and gilts, spring pigs, pairs and trios unrelated. B. & C.'s Col. Superba, Defender and Ohio Chief blood lines. Descriptions guaranteed. JOHN A. REED, Lyons, Kansas.

91 DUROC BOARS and GILTS At private sale. Everything immuned this spring. Sired by K's Golden Rule. Let me quote you prices. GEO. M. ELUSHMIRE, HOLTON, KANSAS

HILLCREST FARM DUROCS For sale: Spring pigs, pairs or trios. Fall gilts open, or bred for September and early October litters. Boars for service. One good two year old herd boar. All immune. Write for description and prices. E. N. FARNHAM, Hope, Kans.

The Kansas State Fair

Under the Direction of the Board of State Fair Managers

Hutchinson, September 12-19, 1914

The Great Agricultural, Livestock and Industrial Exposition of Kansas

Prizes are offered upon all the products of the field, orchard and garden. Agriculture is the paramount industry of the people of Kansas. This fair is established by law for the benefit of all Kansas' productions, but especially for the agricultural. In its largest sense agriculture includes all the diversified industry of the farms. Exhibits are used in making a comparative study. All progress is made consciously or unconsciously by the method of comparison.

People Learn More From Seeing Than in Any Other Way. You Will See at the State Fair.

DAIRY EXHIBIT

A great dairy exhibit will be made this year. All the 4 great dairy herds from the Agricultural College will be exhibited as well as herds from the breeding establishments of this and other states. The Show will be complete, under the direction of O. E. Reed, Prof. of Dairy Husbandry. Milk testing, churning, care of milk and butter, use of machinery, feeding and all kindred subjects will be discussed. It will be a week of dairy school for everybody.

HORSE SHOW

In addition to the great exhibition of horses for draft and for the road, there will be held during 4 evenings of the State Fair a real Horse Show. There is no more classy event. He who has never seen a Horse Show, should be sure to see this one. It will be a pleasing recollection always, and add to his already great admiration for the horse. Thaviu's Band, Grand Opera singers, tango dancers and other free attractions will be sandwiched between classes.

Six Great Races Daily—The Best in the West

FREE ATTRACTIONS this year are the best obtainable. No circus shows more classy or beautiful. Only State Fair crowds can afford as good. A Fair must be entertaining as well as instructive. Thaviu's Band, Grand Opera Singers and Tango Dancers outclass all others as entertainers, and the grandest music will be played and sung. There is no more beautiful act than Holland and Dockrill's grand equestrian performance. Powers' Elephants are the best trained group on earth. The Tasmanian aerialists have no superior in daring, beauty and sensations. Free attractions every day and evening.

The New Brundage Carnival and Animal shows. Best Out. Better Babies Contest—entries close Sept. 1st. Send for blanks. Boys State Corn Contest. Will B. Otwell lecture Thursday a. m. Tractor engine show and plowing demonstrations. Acres of farm machinery. Barns, pens and buildings filled with exhibits. Automobile racing Friday and Saturday by drivers of international reputation. A most sensational feature.

The grand old fair will be bigger and better than ever before. Special trains, special equipment and special service on all railroads. All exhibits shipped to and from the State Fair on payment of freight one way. Write for information or prize list.

H. S. THOMPSON, Pres., A. L. SPONSLER, Sec.

Holstein-Friesian Dispersion Sale

75 Head 16 Registered Animals—Best Families Represented **75 Head**
59 High Grade Cows and Heifers. 7-8 to 15-16 Pure.

Great Bend, Kansas, September 22, 1914

Of course you are going to the Kansas State Fair at Hutchinson, September 12th-19th. Why not arrange to leave the Fair one day and visit this herd, select the animals you want and if you can't come to the sale, mail your bids to F. W. Brinkman, Clerk of Sale.

THIS HERD IS HEADED BY SIR MECHTHILDE DIEUWERTJI 45426, one of the most prepotent bulls in the country. He will have four daughters in this sale who averaged 10,000 pounds of milk with their first calves. (These are grades). He is backed by Segis Pontiac Perfection 68500, whose dam has an A. R. O. record of 22.52 pounds of butterfat in seven days. We offer Woodcroft Hartog 70421 and Sir Fayne Mooie 124371. Fannie Belle Mooie 95368, dam of Sir Fayne Mooie, has an A. R. O. record of 24.52 pounds butterfat in seven days. Record made as a three-year-old.

Such cows as Viola Ormsby Mercedes De Kol Aaggie 147728, Royal Maude DeKol Aaggie 75413, Lady Veman Jane 16063, Ida DeKol Aaggie 66943 and sons and daughters of these great animals will be sold. (No Illinois cattle here).

59 STRICTLY HIGH GRADE COWS AND HEIFERS from yearlings to eight-year-old cows. There is no better grade herd in the Middle West. Large, well-marked and sound in every respect. Everyone a heavy milker. Tuberculin tested—State inspected. Catalogs mailed on request. Automobile hacks will meet every train. Lunch on the ground.

W. G. MERRITT & SON, Owners, Great Bend, Kan.

Clerk, F. W. Brinkman. Auctioneers, Snyder and Bales.

On A. T. & S. F. and Mo. Pac. railroads. 1 1-2 miles north, 1 mile west of Courthouse.