

October 27, 1917

Price 5 Cents

The FARMERS MAIL AND BREEZE

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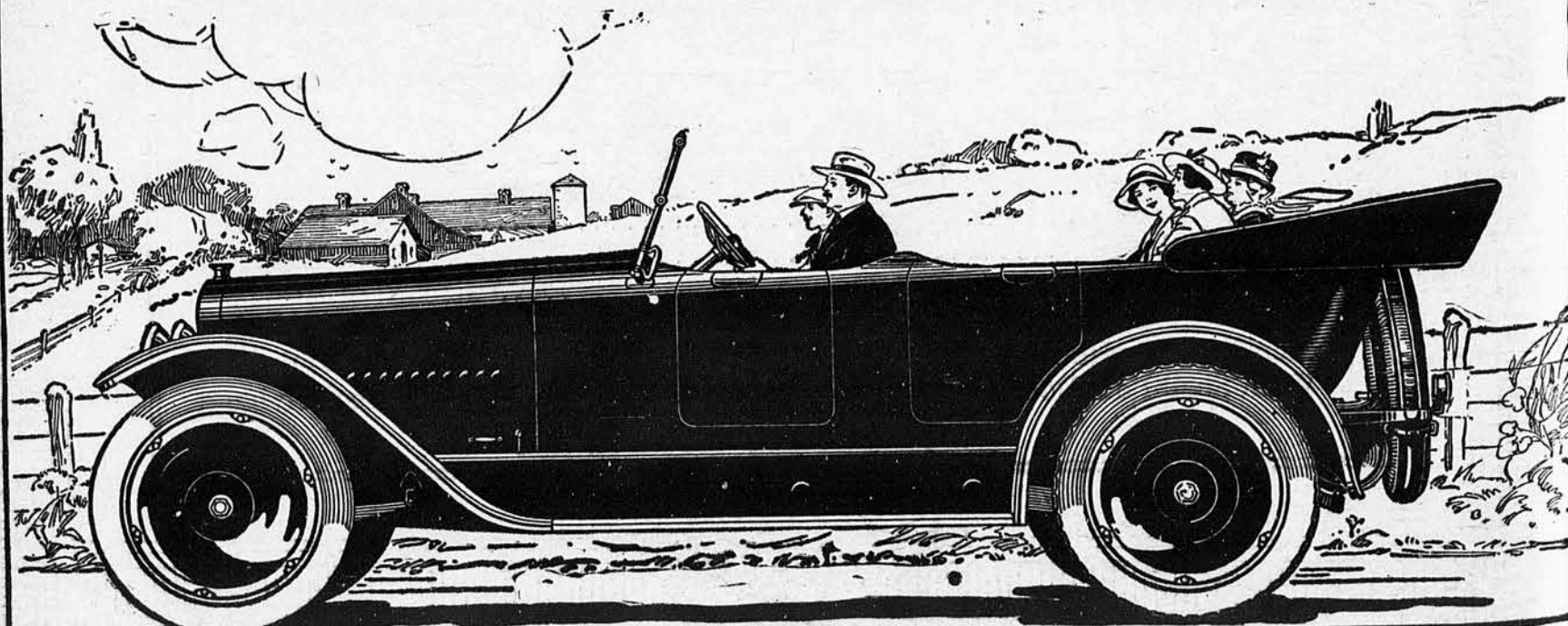
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THE FARMERS MAIL AND BREEZE

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



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Shorthorns are Winning at Park Place

*This Herd Consists of More than 300 Animals, and it Has Been
Developed from Excellent Foundation Stock*

By F. B. Nichols, Associate Editor

A DOMINANT Shorthorn herd is being developed by Park E. Salter at Wichita. It now consists of more than 300 purebred animals and includes some of the best Scotch and Scotch topped Shorthorns in the Middle West. The animals are kept on the Park Place Shorthorn farm, which consists of 1,300 acres, of which 400 acres is cultivated land.

Great care was used in selecting the foundation stock for this herd. The ideal has been to develop a herd that would take a paramount place in the progress of the breed. This is well shown by the excellent Scotch breeding of the bulls; Rosewood Dale 350654 is one of the leading sires on this place and is well known to almost every Shorthorn breeder in the Middle West. He is 7 years old and was bred by Carpenter & Ross of Mansfield, Ohio. He was sired by Avondale 245144, by the Golden Prince 306267, and then traces back to the great herds of Europe, J. Bruce, A. Cruickshank and W. S. Marr being included in the list. On the dam's side he comes from straight Rosewood stock, the dam being Imp. Rosewood 92nd. From this animal on back the pedigree is Rosewood breeding, from the herd of J. Bruce, for nine generations.

Winning Scotch Herd Bulls.

Another great herd bull is the Imp. Bapton Corporal (129397), bred by J. D. Willis of Wiltshire, England—many breeders believe this is the greatest Shorthorn herd in the world. He was sired by the prize winning bull Hoar Frost 112077, and consists almost exclusively of J. D. Willis and A. Cruickshank breeding on each side. Another great herd bull, also with an outstanding Scotch ancestry, is Imp. Newton Friar 528120, calved July 1, 1911, and bred by A. M. Gordon of Aberdeenshire, Scotland. This animal, by the way, will be in the great offering of 50 Scotch cattle which Mr. Salter will sell November 9. Several other outstanding herd bulls also are included.

This herd is kept under the most practicable possible conditions. Mr. Salter has been a cattleman all of his life; his father came to the farm on which the Park Place Shorthorns are now kept in the early days and livestock was the ideal from the first. A huge business in steer raising and feeding was done for a great many years. With the gradual increase in the price of land, however, Mr. Salter became impressed with the importance of keeping animals that would return a higher profit. The start into the Shorthorn breeding was made slowly and the business has been developed with the growth in capital and experience. Mr. Salter knows what Shorthorns will do under the conditions encountered in the Middle West, for he has learned this from his herd.

Beef Producers are Considered.

All animals are kept in good breeding condition but there is nothing fanciful in the methods that are used. Over-feeding and hothouse methods have no place here. Mr. Salter has always kept in mind the important fact that the final aim of all progress in cattle breeding is to make it possible to send a larger number of pounds of beef across the block from a given amount of feed. The needs of the beef producers have always been the factors that have determined the policy. And Mr. Salter, in the years that he was in the steer business, learned these things most thoroughly.



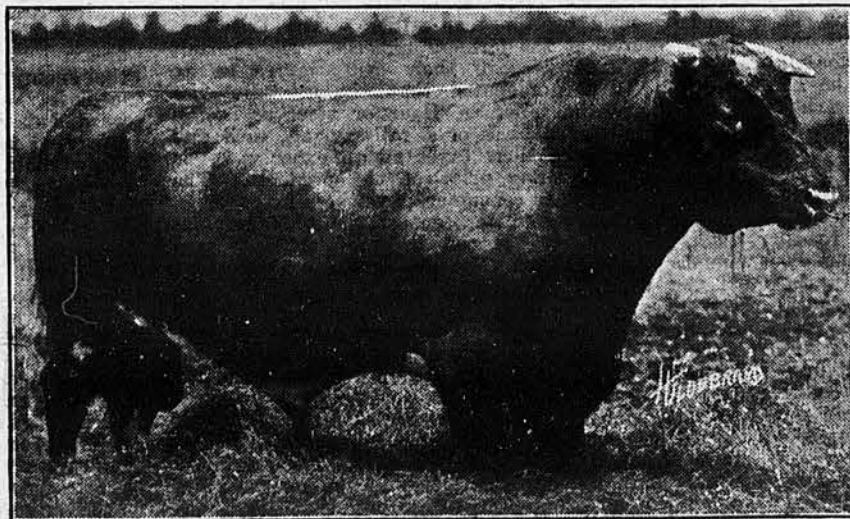
A Cow and Ca

Silage is the l the Park Place three silos and t structured—this wi of 700 tons. The with Sumac sor been the experie he can get a n the sweet sorgh corn or kafir. silage very fine— just as close as i ing an ample a Salter also thinks as much pressur silage—he believe small diameter an is especially impo to do some summ plans to carry a of silage thru eve dinary year it wo an abnormal yea stopped the grow pastures the feed

There will be a gr summer silage idea in Kansas in the next few years Mr. Salter believes.

To supply the protein to balance the silage, a big acreage of alfalfa and Sweet clover also is grown. The ex-

a well prepared and very firm seedbed. Ten pounds of seed an acre is used. Most of the soil is of a limestone formation, which gives a special advantage in the growing of any of the legumes. Great care is taken with the crop ro-



Newton Friar, One of the Imported Herd Bulls; This Animal Shows the Excellent Quality of the Foundation Stock.

tation on this place. Mr. Salter has kept the need for fertility conservation definitely in mind. Alfalfa or Sweet clover has been grown on practically all of the land in the last seven years. All manure is hauled out promptly. Under the system that is used the available fertility is increasing. No grain is sold from the farm; the whole effort is put into producing feeds that the livestock can eat.

A fight was encountered on one field with Johnson grass, which does some damage to the country around Wichita and south from there. The winters are not quite severe enough to kill the roots. In the start of the fight on this pest the soil was plowed deeply in the fall and it was well disked in the spring. It was then planted to oats, thoroly cultivated after this crop was removed, and planted to alfalfa. The mowing of this crop has destroyed the remaining plants.

Good Hogs are Raised.

Other kinds of purebred stock also get attention. A considerable effort is made with purebred big type Poland China hogs and a good many animals are sold for breeding purposes. They run on the alfalfa and other pasture crops and are produced at the minimum possible cost. The sows are very prolific. Mr. Salter also has some excellent purebred Percherons; the mares raise colts and are used for the regular farm work.

Good machinery equipment has been provided. This includes a tractor, clover huller, silage cutter and the usual amount of crop machinery and wagons it takes to run a big farm. It is expected that a larger use than ever will be made of machinery in the future, in an effort to reduce the man power required. Labor is becoming scarce—which indeed is the rule on almost every Kansas farm.

Several married hired men are employed, and it has been the experience of Mr. Salter that this class is the most dependable. High wages are paid and good houses and many other extras are provided. These allow the men a much higher standard of living than they could obtain from ordinary wages in the city. Mr. Salter believes there will be a great increase in the employing of married hired men in the next few years.

A Future for Livestock.

There is a great future for the livestock business of the Middle West, according to Mr. Salter. "I can't see how the opportunities for both the beef producer and the purebred breeder could be better," he said. "Prices are certain to be very high for a great many years, for the production is much lower than the demand, and this will be the rule for a long time. I believe that the opportunities are especially good for the purebred breeders. There will be a huge export demand after the war and the high prices for beef have made the men who own grade herds much more eager to get good bulls. Any man who likes Shorthorns and will get into the game on a conservative basis and expand his operations with his increase in experience as he grows into the business is as certain of success as a man can ever be on a business deal."

The success of the Park Place Shorthorns has been based on high ideals. The herd has been developed with a vision of the great possibilities which this splendid beef breed has in Kansas. It will have a big part in the Shorthorn history of the Middle West in the future.

DEPARTMENT EDITORS

Field Editor.....F. B. Nichols
Farm Doings.....Harley Hatch
Poultry.....G. D. McClanahan

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

Passing Comment—By T. A. McNeal

What They Write to Me

I have another letter from my indignant German subscriber, John Fisher of Marion county. I was going to speak of him as my friend, but I judge from his letter that he will not stand for that. He says that he did think so well of me that he and his wife named their youngest boy Tom in my honor. Now that simply shows the risk, I might say the supreme folly, of naming your offspring for a living man. You never can tell how soon he is going to do something which will change your opinion of him. For example, a few years ago I might have been tempted to name a boy baby for LaFollette or Roosevelt, and think how I would regret that now. But if John Fisher and his good wife have only saddled the name Thomas on their helpless offspring, they can save him yet by asserting that he is named for some other man whose front name is Thomas, say Thomas Jefferson for example.

G. L. Barger of Wakeeney not only believes in standing by the President and fighting this war to a finish, but also he is one farmer who is not kicking about the minimum price fixed by the government for wheat. "Some persons," he says, "object to \$2 wheat. I rather think if it were \$3 some men would ask for more. I am well satisfied, altho my wheat crop was an entire failure this year."

G. R. Werner of Colby writes that he is a candidate for governor on the following platform: "Glory to God in the Highest! Peace on Earth! Good Will to mankind!"

It must at least be admitted that Mr. Werner has something new in the way of a political platform.

Leaving politics for the moment, Mr. Werner informs me that he has just finished harvesting a crop of Mexican beans from 140 acres in Thomas county. There was a picture of this bean field in the Farmers Mail and Breeze recently. My opinion is that Mr. Werner can make a greater success raising beans than he can running for office; but then this is a free country where every citizen has the privilege of running for office if he wishes.

H. P. Howard of Erie writes me complaining of the way in which wheat is tested. "In testing," says Mr. Howard, "they fill the tester by placing the wheat in it as easy as they can without a jolt, to retain as much air in the tester as possible and as little wheat as will be necessary to fill the tester, then strike it and weigh the air and wheat, say ¼ air and ¾ wheat. I am surprised that large producers will submit to this. If they would jolt the tester and fill it with wheat, the grain would test higher, but no, that would not suit some of the men who are now, more than at any other time in the past, resorting to every scheme to defraud the producer out of what he is justly entitled to; a price in keeping with expense. I am not a wheat grower now, but have been for many years. Am now an old man and still wish to help in any way I can to overthrow fraud or check it some."

I confess frankly that wheat testing is a subject on which I am not very well posted. It may be that the wheat raisers are being "hornswaggled" by the greedy millers as Mr. Howard says.

"An Observant Reader" from Bird City takes his pen in hand to express his sentiments about the "War Food Nonsense." The town garden doesn't impress this man from Bird City. It may be all right from a health and pleasure point of view but the result so far as increasing food production is concerned is rather scant. Neither is the Bird City man much impressed with the campaign for home canning. He says: "At their best canned goods are not like winter vegetables from Lake Worth, Fla., or sweet potatoes offered at 33 cents a bushel ready to sack at Oakville, Tenn., 7 miles below Memphis, which are worth 8 cents a pound out here in the West. I hope that you will establish a Farmers Mail and Breeze food department and help us get at this food distribution, assisting this nation in obtaining food for the whole people, real food at normal prices, in normal condition, and, fortified with this, every housewife can do her bit. Depend on the farmers to care for the food wants; get the 600 wheat robbers making more from the grain than the 6 million wheat growers off our backs. Help us to get the truck farmers of the South connected with the market in the grain-belt."

I am of the opinion myself, judging from my own

and the experience of my neighbors, that back lot gardening this year was not quite the glittering success hoped for.

Writing of the effort to control food prices, W. F. Ramsey of Beloit says: "There are at least two fundamental facts in the American food situation not considered by Congress. It is obvious that if you suddenly raise the price of any necessity that people will not be wasteful of that article. When farmers were selling corn for 8 and 10 cents a bushel, they burnt millions of bushels because it was cheaper than coal. When the price jumped to 50 cents, they did not burn a kernel.

"Mr. Hoover is demanding that the people economize in the use of flour, and at the same time he lowers the price. He is trying to violate an economic law. When the price of a necessity is lower, its use is increased. Flour today is the cheapest food on

and the other fellows' taxes too? This was the economic reef that wrecked the Roman Empire. Our members of congress are—the most of them—only politicians, with no idea of what they have really done."

E. M. Anderson of Arkansas City has a new theory of taxation which briefly is this: Let every individual declare his own property valuation and let the state protect his property in that ratio. If he refuses to give in property for taxation then refuse him the protection of the courts in safeguarding that property. If, for example, he has a horse which he fails to list for taxation and the horse is stolen, while the thief would be subject to prosecution, the owner of the horse could not recover the horse or its value if it had been purchased by an innocent person. If the owner of a note and mortgage refused to list it for taxation, the court would refuse to use the machinery of the law to help him collect his debt. "In short," says Mr. Anderson, "guarantee him the individual protection of property only to that extent which he asks and is willing to pay for it as declared to an assessor."

L. D. Weidensaul of Liberal is a real estate man who frankly announces to prospective customers, "if you must be stung, let me be the bee." Mr. Weidensaul is considerably dissatisfied with the present social and industrial system. "It seems to me," he says, "that there is but one class today worth while and that is the laboring class, and along with manual labor I wish to include honest brain labor, but to grade the honest ones in the brain line is a stiff proposition for me."

Mr. Weidensaul makes the following very frank admission: "I think the real estate dealer is filling almost no place in modern society."

For a man who is in the real estate business, I must say that is a rather remarkable statement.

Here is an interesting letter from Arthur A. Names, who is in the Medical Corps at Fort Riley. He says in part: "When I talked with you July 25, I was seriously considering starting a revolution if I had to do it all by myself, but I finally saw that the revolution had already begun, so I enlisted with the revolutionary forces and here I am at Fort Riley preparing myself to help our army in winning the greatest revolution. For some reason revolutions have always fascinated me. Ever since I can remember the biggest dream of my life has been to die with my boots on fighting in a revolution against the prevailing order of things. In my dreams I had all of the millionaires, grafters and oppressors of every sort lined up with the other side, while on our side were all the common people and the workers of the world. For a long time the struggle was very bitter with the odds in favor of the opposition, but Thomas A. Edison, who of course was fighting with us, after years of research and much experimenting, succeeded in producing a chemical which when eaten extracted all the selfishness from the human system. One dark and stormy night, in the last act as it seemed to me, I succeeded in slipping past the enemy's outposts and poured a liberal amount of this chemical in the breakfast beans of the enemy soldiers, after eating which they became unselfish and refused to fight longer, realizing that they were in the wrong. Unfortunately for me, however, I was captured in my dream just after I had doped the beans and before the enemy troops had eaten them, and was immediately shot as a spy. They were sorry afterward, but it was too late then as I was dead, but according to my wish, I had died with my boots on. They could not bring me back to life, but they erected a beautiful monument, shaped like a bean, over my grave and Harry Kemp wrote a poem about it which was printed on page 438 of the Revised American History."

"Medical recruits from all over the United States are sent to Fort Riley for a brief preliminary training after which they are organized in companies and sent to various posts."

B. Anderson of Blue Mound is still against the government action in regard to fixing wheat prices. He insists that the farmer is now getting from \$1.50 to \$1.90 for his wheat and at present prices for machinery, threshing and labor will be the loser with a fair crop.

"If any one doubts that fact," says Mr. Anderson, "let him try it a few years and see. If the government had fixed the price at \$2.50 it would

the market but when the farmers' wheat was reduced to about \$2 at the elevators, was the price of bakers' bread lowered 1 cent?

"The millers are allowed by the government to figure 288 pounds of wheat as the equivalent of a barrel of flour. This is 16 pounds more than is actually used by the real millers. The price has been lowered at the farmers' expense. They permit the millers to prepare their own figures as to profits. It is undisputed that the ultimate consumer pays the bills. A flour or steel or cotton or wool mill or a bank or a railway, all, each and every one, figure their taxes as an expense, to be added to the selling price of the products. The buyer, the ultimate consumer, pays those taxes.

"Farmers, being 45 per cent of the whole population, make up the largest body of ultimate consumers in the nation. We pay probably 50 per cent of the indirect taxes levied on the ultimate consumers, and then, we pay our taxes in addition out of our own pockets. This is the deadly percentage working in favor of the manufacturers and middlemen, all the time. That accounts for the growth of cities.

"A farmer does not and cannot pass his taxes on to the next man. We do not set our prices. The laws of supply and demand do that. The farmer is a gambler. He is at the mercy of the weather, and of all the conditions that effect production and consumption, all over the world. If the farmers' profits are to be confiscated, how is he to pay his taxes,

have been somewhat better as the wheat grower probably would have got a small amount for his labor with a fair crop. If the government ever did an unfortunate act against the main support of the nation it did this when it fixed the price of wheat at \$2.20."

I was talking with a Western Kansas man recently who has this fall shipped in three carloads of seed wheat to plant on his own wheat lands and to furnish seed to other farmers. He stated that there was good money to be made in raising wheat at \$1 a bushel with a yield of 10 bushels an acre. It seems to me that he is mistaken but he has made a fortune in that section, and a good deal of it was made raising wheat, most of the time at much less than \$1 a bushel. He has lived in Kansas for nearly 40 years. No one who knows him has ever believed that he is a fool or that he is in the habit of wasting his money on losing deals. I know that with a fair crop of wheat a profit can be made at \$2 a bushel.

Foolish Talk

A former Topeka minister, who is a very eloquent speaker, is quoted as saying in a recent address that the United States must get busy at once if Germany is to be defeated. He says that France is "bled white as a bone," and that the submarines "have England by the throat."

The only conclusion to be reached from these remarks, if well founded, is that from now on the United States must shoulder the whole burden of the fight. If that were really true, then we would be foolish to send another soldier to Europe. The thing to do would be to get our soldiers who are already there back to this side as soon as possible and prepare to fight on our own ground, for if we must make this fight alone we had better make it on our own ground than to undertake to make it 3,000 miles away with an ocean infested with submarines between us and our armies. If it were true, also, as this minister's speech would imply, that France and England are "all in" while Germany is still in fine fighting condition, then the United States will not be able to win from Germany on the other side of the water.

Fortunately there is no evidence to support this wild assertion. Instead of France being "all in," the French army is in better fighting condition than it has ever been. There are more French soldiers than ever on the battle fronts and they are well supplied with guns. Instead of the submarines having England by the throat, the submarine sinkings are decreasing and the British army is more powerful and better equipped in every way than ever.

It is important that the United States army and navy and all of our financial forces be mobilized as fast as possible, and this is being done, but it is not a good idea to spread the impression that we are getting into a losing fight with our allies practically taking the count. The individual or nation going into a fight believing the case is almost hopeless is half whipped before the fight begins.

Germany may be able to hold out another year. It is barely possible that the war may even go into the year 1919, but the probabilities are all the other way. I do not believe the war will end this fall, but I am entirely confident that the fighting will be over before this time next year. There are accumulating indications that Germany is nearing the breaking point. When the break comes in all probability it will come with a crash. The reason I believe this is because the German people have been held together by lies and fear. They have been fed up on deception and the belief that they still have a chance to conquer and that when the war is over indemnities will be collected from their enemies. When they finally see the truth, as they will soon, they are likely to turn against the government which has involved them in ruin, which has called on them for such bloody sacrifices and arrayed against them almost the entire world. Then in mad rage and despair they will turn on the authors of their troubles.

Mr. Megoffin Comes Again

We have just received our copy of your paper and note what you say in regard to the price of wheat. Please let us remind you that the wheat farmers have not asked the Government to guarantee \$3, \$4 or any other price for wheat. We raised it in the last 30 years for all prices from 30 cents up to the present prices, and as the Government did not get excited when we were barely existing in past years at the low prices, we feel that it should not have invited the Labor Unions, the Brotherhood of Railway Trainmen, the Farmers' Union of the Cotton Growers and others not interested in growing wheat to set a price that we must sell at. For it must be sold at this price if sold at all, as the price of \$2.15 at Kansas City is the only price permitted by the Food Control people, with freights and commissions off. This makes our best wheat worth about \$2 here, which taking into consideration the cost of production and comparing with the price of other commodities, is less than it was before the war started. It is so much lower in price here than corn that farmers are feeding it to stock instead of selling it and buying corn. If the supply of wheat is as short as is claimed, the law will not compel the labor unions and trainmen to eat corn bread or anything else if there should not be enough wheat to go around. Nearly all the members of our exchange take your paper and while we are not asking you for any sympathy, we believe we are entitled to a hearing and respectful treatment. All we ask of the Government is the same treatment given the people in other lines of business. We feel that the business of the Government is to see that everyone gets a square deal and play no favorites. We still insist that the price fixing has worked a hardship on all wheat growers and all the wheat handlers and has ruined a great many elevators by fixing a price of around \$2 dur-

ing the wheat handling season when the elevators were full of wheat bought at a price higher than the price fixed. Now as to the grading, we have an idea that these rules were fixed by the millers' association, as it gives them all the rye, and as it cannot be separated from the wheat it is of course ground into flour. We have not seen a grain man who failed to admit that these grading rules are a straight steal.

Now, Mr. McNeal, let us state in closing, that we are not asking the Government to guarantee \$4 or any other price. We are not asking any favors of anyone, but we acknowledge we have nerve enough to insist on fair treatment, and we do not believe many farmers would lie about the cost of raising wheat.

JOHN MEGOFFIN.
Cairo, Kan.

Certainly the farmers and elevator men are entitled to a square deal. The question of course is, what is a square deal in a case like this? An absolutely fair deal is one in which each party to a trade or other transaction would be willing to exchange places with the other party, and mighty few of us are unselfish enough to do that unless we conclude after the trade is over that we have gotten the worst of it.

Now I believe that a minimum price of \$2.15 a bushel for wheat is a fair price, and that in view of the great corn crop raised in the United States this year that \$2.20 a bushel for corn is a highly unreasonable price.

Mr. Megoffin says that the minimum price fixed by the Government is less than the price of wheat before the war. In July, 1914, one month before war was declared, wheat sold in the Chicago market for 67 cents a bushel. I do not know what it sold for at Cairo, but I suppose it was from 12 to 15 cents a bushel less than the Chicago price, or from 60 to 65 cents a bushel. The cost of producing wheat has not increased three fold since then, and no matter what Mr. Megoffin may say, there is more profit in raising wheat now at \$2 a bushel than there was in raising wheat at 80 or 65 cents in 1914, and a good deal more profit. It is possible that the action of the Government caused the wheat growers, speaking generally, to lose money this year, or rather to take less money than they would otherwise have received, altho I am not at all convinced that it did, but it also assures them a good fair price next year, something they have never been assured of before.

Undoubtedly the matter of regulation should not stop with the wheat growers. It should extend to the cotton growers and to all other producers of necessities. It also should extend to the manufacturers. I am just as much in favor of a fair deal as Mr. Megoffin and furthermore I have not the slightest inclination to give the farmers the worst of it, because my interest lies a good deal more with the farmers than with any other class. From a purely selfish standpoint, if from no other, I do not wish to see the farmers get the worst of it. I simply am convinced that in the long run this Government price regulation is going to prove of advantage to the farmers. Of course time may prove that I am mistaken, but that is my conviction just now.

Garabed

On October 3 the lower house of Congress adopted a resolution, the first section of which reads as follows: "Resolved, That the Secretary of the Interior is hereby authorized to accept, as trustee for the United States Government, from Garabed T. K. Giragossian, an assignment of the right to utilize, for the Government's own use, a discovery or invention to be known as Garabed."

This may mean nothing or it may mean a discovery which will revolutionize the motive power of the earth, make coal no longer necessary or desirable for producing either heat or power and send to the scrap heap every coal, gas and electrical engine. If it proves to be the success the discoverer believes it will be, it will make possible the construction of air ships with a capacity, strength and range never dreamed of by the inventors or the projectors of the air ship. The inventor of "Garabed" has evidently impressed the members of the committee of the House as the members unanimously recommended the passage of the resolution. Here is what the chairman of that committee, Congressman Saunders of Virginia, has to say about it in part:

Now, what is the alleged discovery? It is simply this. This investigator—and I do not know whether he can make good or not; on this point I am no better informed than any other member on this floor—claims that he has discovered the secret of using the mighty cosmic forces to drive machinery, that in other words he has learned how to utilize for motive purposes the infinite streams of energy that ceaselessly flow thru the vast spaces of the universe. Many scientists have maintained that in time this would be done.

I do not suppose that Lord Kelvin would be dominated by the gentleman from Wisconsin (Mr. Stafford) as a fantastic dreamer, and yet Lord Kelvin predicted that in time some man greater than his fellows would discover this mighty secret of harnessing for the various purposes of man's use some portion of the infinite energy which holds the stars in their appointed courses, and maintains the orderly movements of the whirling suns.

This man claims that he has arrived at this secret thru long years of patient study. He connects his machine or mechanical device, with the infinite forces of the cosmos, as I understand his contention, and deriving its power from this infinite source, his machine will continue to run until in time it will wear out and must be replaced, just as the mighty turbines driven by the falling waters of Niagara must be replaced, tho humanity speaking the power that drives them will go on forever. It is a vast claim that he makes. I do not know that it is true, but the man Giragossian asks only that we afford him the opportunity to make good this contention without money, and without price on our part.

Now, what is the proposition submitted to the United States? It is very simple. The claimant asks that five scientists be appointed to pass judg-

ment on the merits of his discovery. The Secretary of the Interior is to approve each and every one of these scientists before he will be allowed to sit in judgment on this board. Do you suppose for a moment that the Secretary of the Interior will not insist that the five scientists so selected shall be the brightest luminaries in our world of science? Will not such a board be competent to protect our interests, and fairly determine the merits of this alleged discovery?

The Government pays nothing, and is asked to pay nothing. It cannot be exploited in any way. The inventor does not ask for the means to construct a machine. He agrees to submit one in perfected form, and actually running.

There was a time when this would have been characterized as the wild dream of an opium eater, but in view of the discoveries that have been made already, who is entitled to say that this or any other alleged discovery is merely a dream? We certainly know that there are tremendous forces in the universe that have never been understood by the best scientists.

What is the incomprehensible force, for example, which not only keeps this vast world of ours within its orbit, and moves it upon its axis, but also hurls it thru space at the rate of more than 18 miles a second? And when we remember that the earth is only one, and a small one at that, of an infinite number of worlds, all kept in place and motion by some enormous, incomprehensible force, we do know that inventors and discoverers have only touched on the possibilities of applied force.

So there is no reason to scoff at this man Giragossian. It may be that he has discovered a way to harness and apply this tremendous force, whatever it is. If so, then he has made a discovery in comparison with which all other inventions and discoveries will sink into comparative insignificance.

To the Boys in Camp

(From the Camp Newspaper, Trench and Camp.)

Governor Capper's Stirring, Sympathetic and Measuring Message to the Soldier Boys.

To the Boys in Camp:

I wish it were possible for you Kansas men in the army—the first choice of America for the mighty task we have undertaken—fully to realize how large a place you occupy in the minds and hearts of your fellow countrymen. You have left your homes and your employment to take upon your shoulders the burden of the world's war against autocracy and tyranny. You are undergoing the grinding process necessary in the transformation of a civilian into a man of arms. You have taken up a heavy load and you are beginning to realize something of the task that is before you.

I wish you might know how fully we who stay at home appreciate what you are doing; we know that you have gone to fight our battles; and we know that you will acquit yourselves as men; that you will not fail the nation and the sacred cause of democracy for which we fight. We have every confidence in you and unbounded admiration for you; but more than that we realize our deep and lasting obligation to you.

Many of you have left at home families that are near and dear to you. We try to realize that it isn't enough for us to express our pride in what you are doing; it isn't enough for us to take off our hats and shout when you pass by; we owe the tenderest care and the deepest consideration to those whom you have left behind. Speaking for the Kansas people, and I am sure the same sentiment prevails in other states, I can promise you that these loved ones of yours will be shielded and protected and cared for. They are bearing a heavy burden and it is our business, our first duty, to do everything we possibly can to lighten that burden—to sustain and comfort the brave hearts who are so deeply feeling your absence. Personally and officially it shall be my endeavor to keep the people of Kansas ever mindful of this duty, so that you may give your undivided attention to the work at hand: the smashing of your country's foes.

You have entered into the greatest war in human history; not only the greatest in the magnitude of the forces engaged, but the greatest in the issues involved and the greatest in its ultimate effect upon the destinies of mankind. I believe with my whole heart that the fate of the race is hanging in the balance. Democracy—which we believe to be the salvation of society—is on trial. The final test has come. Shall the peoples of the earth be free to govern themselves; shall government grow out of the people, or shall an arrogant aristocracy rule the world?

It is to decide this question that you have taken up arms; and we know that you will put into the fight all the fervor and patriotic zeal that has marked American soldiers for more than a century.

We in Kansas know that when you reach the battle line the enemy will realize that something has arrived. You'll give a good account of yourselves.

And while you are delivering to Prussian autocracy the answer of free America to the Kaiser's impudence and barbarity, we want you to know that we are keeping a place for you, a place in our hearts and in our lives to which you will return with all the honors that come to brave men who have fought a good fight.

To Study the Tiles

Better Drainage is Needed on a Great Many Kansas Farms

By H. B. Walker



The Best Cement

—I ever offered my customers and for many reasons. Leading dealers of the Central West carry it in stock and I find that it is up to the standard of my other lines of building materials.

DEWEY CEMENT

—the cement that insures a perfect concrete job—I don't care what you're building.

The modern farmer, just like the man in the city who is improving his property, knows that concrete is the one material that is reasonable in initial cost and that requires practically no up-keep expense. Concrete improvements are fire-proof, weather-proof, vermin-proof and expense-proof.

I can furnish bulletins on all kinds of concrete improvements for town or country. Ask me.

The Dewey Dealer Near You.

Union Made

LAKIN-McKEY OVERALLS

BUY LAKIN-McKEY OVERALLS

If they do not give you absolute satisfaction, take them back and get your money or a new pair free.

Boys' overalls like men's.

Should your dealer be out of your size, write

LAKIN-McKEY
Ft. Scott, Kansas.

The Tuttle Self-Feeder and Self-Threader



Capacity 3 tons per hour. Self-threader saves 40% of the tying work. Fully guaranteed for one year, and sold on 10 days free field trial. Time allowed on part payment, or liberal discount for cash.

Tuttle Tractor Co., 1308 Ottawa St., Leavenworth, Kan.

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23¢ A ROD for a 36-inch Hog Fence; 34¢ a rod for 47-in. styles Farm, Poultry and Lawn Fences. Low prices Barbed Wire.

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Sold on 30 days FREE TRIAL. Write for free catalog now.

INTERLOCKING FENCE CO.
Box 125 MORTON, ILLS.

TILE DRAINAGE is doing much to make Kansas farming more profitable. By its use rich land is being put into condition so it will produce the most profitable crops. Every farmer should study this progress. While he may not wish to become an expert drainage engineer, he should know something of the primary principles of tile drainage for farm projects.

The outlet is the most important part of a drainage system. This must be low enough to allow all of the water collected by the tiles to pass away with perfect freedom. A poor outlet is indicative of an unsatisfactory drainage system.

The Needed Depth.

A common depth of tile drains is approximately 3 feet. Conditions of soil and surface, however, should regulate the depth. Drains for seepy hill-sides should under average conditions be placed from 3 to 4 feet deep. A "hardpan" field, on the other hand, is ordinarily best drained when the tile lines are placed 28 to 32 inches deep. Alluvial gumbo soils are tiled not less than 3 feet, and the present tendency is to place them even deeper. If a field is to be used for the growing of trees then a depth from 4 to 5 feet may be desirable. The general tendency of inexperienced men is to place tile drains too shallow rather than too deep. Maximum benefits may be temporarily delayed by deep drainage, but when attained the results are more lasting and the work more economical. Under no conditions should a tile be placed less than 24 inches deep.

As to the Spacing.

Spacing with tile lines depends on the depth of the tile and the character of the soil to be drained. Some soils may be drained by spacings even in excess of 100 feet, while others are not well drained when the distance between the tile lines is one-half this amount. Other things being equal the deeper the drain the wider the spacing may be, but in some very compact soils deep drainage will not permit wider spacing, and moreover, the greater depth of drain is detrimental to the efficiency of the tile line. In the compact soils frequent, shallow drainage is the general practice, while in the more open or black, alluvial soils deeper drainage with a wider spacing is permitted. Many farmers when first constructing drainage systems arrange their tile lines with a view of later doubling the number of lateral drains. This is a very good practice when funds for the first construction are limited. It is of very great importance to have the lateral drains spaced properly. A study of the soil conditions will enable a practiced engineer to judge very closely the proper distance between the tile lines for the existing local conditions. For the inexperienced farmer who is unable to secure practical advice it may be best to drain only a part of the field to begin with and then expand the system from the experience thus obtained. Kansas practice indicates that spacings rang-

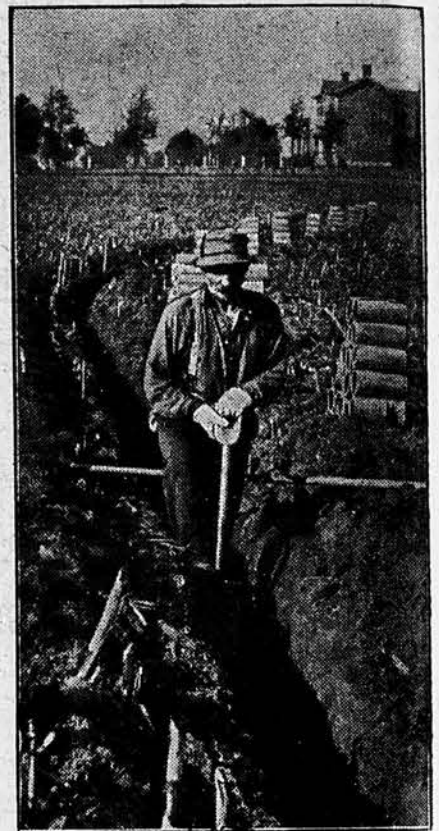
ing from 50 to 60 feet are most commonly used, for the more compact, level, upland soils, and spacings ranging from 60 to 80 feet for the black alluvial soils.

The grade or fall in the tile lines is an important factor in good drainage. If the flow line of the tile is not one general line of descent the water will not move readily toward the outlet, and the drainage will be retarded. The steeper the slope the more rapidly will the water be carried away. It is evident then that a steep slope usually is desirable where possible. Land that is wet ordinarily has a comparatively flat surface. Such areas must be surveyed carefully and the tile lines graded to provide adequate outlets. It is hardly possible to give a drainage tile line too much fall. On the other hand the question of how flat a grade can be used is often advanced. Tile lines of 6 inches or more in diameter give very good results, when the fall, or descent, in the tile line is as small as 1 inch in 100 feet. For sizes smaller than this a minimum grade of 1½ inches in 100 feet is desirable. Flatter grades than these are sometimes necessary. However, under the conditions in this state it should be possible to secure the grades already indicated. Flat grades must be uniform and constructed carefully. A wavy or irregular flow line offers favorable conditions for an early silting up of the tile line. It is always profitable to employ an engineer to plan a drainage system, and set the stakes for grading the tile lines. Under some conditions it may be possible to grade tile lines by water, but this is a practice which should not be encouraged generally. Seepy land ordinarily can be drained without survey, or grades, but the drainage of low, flat land should be undertaken only after a survey.

Buy the Right Size.

Tile of proper size must be installed for successful drainage. A drain which is too small will fail when it is needed most, that is, in the wettest weather. The factors affecting the size of tile are the number of acres to be drained; the grade or fall of the tile lines; and the quantity of water to be removed. The first factor is determined readily, and usually is known to the farmer who desires to drain his land. The second factor can be determined by a survey. The third is based to some extent on the standard practice in tile drainage. A tile drain which will carry off an equivalent of ¼ inch of water from the area to be drained within a 24-hour period is considered of adequate size. In some cases where the surface drainage of storm water is very poor, a greater runoff is desirable and should be provided. However, under average conditions the ¼ inch runoff in 24 hours should suffice.

Tiles smaller than 4 inches in diameter should never be used. The smaller sizes have a tendency to fill with silt after a few years, and are therefore inefficient. The larger sizes cost but little more and the greater efficiency secured is worth many times the difference in the cost of construction.



The Drainage is Winning.

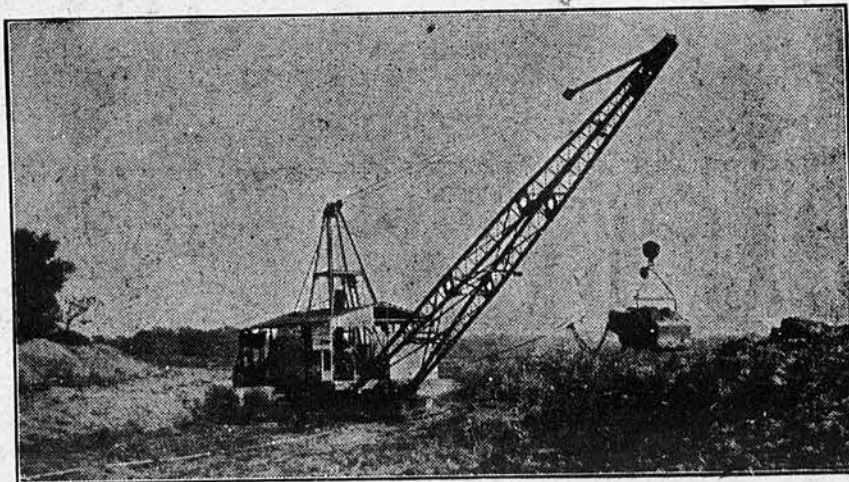
Two materials are used in the construction of tile drains, namely, clay and cement. Clay tiles have been in general use for many years. The earlier settlers preferred the porous clay tiles. Many of these were yellow, indicating a very slight burning of the material. The porous clay tile of today is considered "poor tile." Practically speaking but very little water enters into the drainage channel thru the walls of the tiles. Practically all of it enters at the joints. Porosity, therefore, has no advantage so far as drainage is concerned, and any material which absorbs water readily does not stand up well under a wide range of conditions.

The demand today is for hard burned, dark colored clay tiles. Complete vitrification is not essential but a vitrified clay tile insures durability and is moreover equally as efficient as a porous product in performing the functions of drainage. Cement tiles for under-drainage are used to some extent. If constructed properly, good service may be expected. The methods of making and curing, however, are often detrimental to the quality of the product. A poor quality of cement tile is hard to detect by a superficial examination of the pipe. For this reason clay tiles usually are preferred since the quality of the latter is quite readily discernible by the appearance of the tile, and the soundness of the piece is determined quickly by tapping the tile with a piece of metal. A sound, hard-burned clay tile when struck with a piece of metal gives a clear metallic ring; when cracked, a dull rasping sound results.

Farm drainage systems must not only be designed properly, but also must be constructed correctly as well.

Doing the Work.

The construction of the tile drain should begin at the lower end, or outlet. The top soil, or first spading, usually is placed on one side of the excavated trench and the bottom or second spading on the other. The tools used in hand excavation include a tile spade, a round-pointed, long handled shovel, and a grading scoop. The spade is used for excavating the trench, the shovel to remove the loose earth left in the trench, and the tile scoop to shape the bottom of the excavation to receive the tile. Tile ditching must be done carefully and accurately. If grade stakes are used the bottom of the trench must be constructed to conform exactly with the surveyor's grades.



A Dredge at Work in Atchison County. The Big Flood Damage Has Called Attention to the Need for Action Along This Line.

Pork, and Low Costs

Hog Producers of the Middle West Met at Ames

Iowa Experimental Results

SEVERAL hundred hog raisers gathered at Ames, Ia., recently to see and study the experimental work in hog feeding carried on by the Iowa State college. The object of these experiments was to ascertain which feeds, at present prices, would make growth in hogs most economically—in short, to find out what combination of concentrates and forage would produce a maximum of pork at a minimum of cost. Naturally, with corn around \$2 a bushel, and other feeds almost as high in proportion, there is a real interest among hogmen in this line of experimental work.

The constantly fluctuating prices of all these feeds, as well as in the hog market, make the results of these experiments less applicable to the average hog raiser's operations than if markets were more constant and stable. But as the college men pointed out, every man could take the results from these tests so far as amounts of feed and gain in weights are concerned, then substitute his own feed and pork prices, and as a result have definite data that he could apply successfully to his own operations.

War time conditions, and particularly the impending action of the National Food Administration to insure profitable returns to pork growers, had a stimulating effect on the interest of the hogmen who came out for "Iowa Swine Day," at Ames. At the public meeting held in the afternoon a vote was taken, and the resolutions adopted at Waterloo, Ia., a few days before were unanimously approved. These resolutions called for an established price on hogs based on the price of corn during the feeding period of the hogs marketed.

Any hog raiser could spend a day profitably at Ames, at any time, just to look over the feeding plant of the college. Study of feeding methods and equipment alone would be worth the trip, regardless of the special attractions provided on "Swine Day." The Iowa college has become known thruout the country for two features of practicable value in pork production. One is the self-feeder, or "cafeteria" plan of feeding. The other is the "Iowa" type of hog house, which is built in at least two different forms. One is shown on this page, and is called the "movable sunlit house." This type of house provides warmth, dryness, and sunlight in winter, or shade in summer, and convenience, durability, good ventilation, and sanitation at all times. Half the value of a 250-pound hog will more than build such a house. The other type of "Iowa" house is a larger, permanent structure of hollow clay tile, built low and having windows in the roof for warmth and sunlight, with devices for ventilation.

The "cafeteria" style of hog feeding was developed by John Evvard, first assistant to Prof. W. H. Pew, head of the livestock department. Few persons give the hog credit for having any sense. Mr. Evvard has long advocated that a hog has more sense than its owner, so far as the hog's own feed is concerned. And the experimental work at

the Iowa station has proved this theory over and over again in the last few years. "You let a pig have access to enough feeds to balance his own ration," said Evvard, "and he will put on weight faster, and more profitably, than if he does not have this opportunity, no matter in what quantities you may throw corn to him."

The feeding tests just concluded covered many phases of pork production. Forty-seven pens of pigs were required to carry out this experimental work, and the results obtained, if given in detail would fill a book. Naturally, only a synopsis of the plan of each test, and the bare results, can be given here.

One test was planned to show value of garbage for hogs. Two lots of pigs were fed together on garbage alone for 70 days. They had all the garbage they could eat, but nothing else. The garbage came from the student restaurant on the college grounds. The records showed that 2,050 pounds of this material were required to make 100 pounds of pork. On this basis the garbage was worth 73 cents for 100 pounds when hogs sold at \$15, and 98 cents when hogs brought \$20. Slightly more garbage was offered than was eaten by the hogs. To be exact, 2,465 pounds were given for every 100 pounds of gain. It would have required 300 to 400 pounds of grain to make the same showing that was made by this amount of garbage. Hence, 1 pound of grain would have about the same value as 6 to 8 pounds of garbage.

For the last 30 days of the test half of these pigs had wheat middlings in a self feeder. This had the effect of reducing the rate of gain very slightly. Corn would have been a better supplement for the garbage. During the first 70 days the hogs made an average gain of .96 pound daily. Knowing the number of persons who had their meals at the restaurant, it was found that one pig could be fed to make a gain of 1 pound daily, on the garbage from 17 persons.

A second test was carried out to show the comparative value between corn and corn substitutes for hogs on bluegrass and rape pastures. The substitutes were hominy feed, oatmeal, and wheat middlings. The oatmeal was a byproduct from the mills making the breakfast oatmeal, but there were no hulls in the by-products. The corn and hominy feed were priced at \$2 a bushel, oatmeal at \$60 a ton, middlings \$55, tankage \$90, and salt \$20. The pigs in all eight lots had tankage and rock salt. Based on the foregoing prices, and with \$18 representing the market value of hogs, the average margin to the animal above feed costs is shown in the following table:

	On Rape Pasture.	On Blue-grass.
Shelled corn	\$5.80	\$5.86
Hominy feed	3.44	4.46
Oatmeal	8.48	5.44
Middlings	6.25	4.95
Average	5.992	5.177

These results show up well for rape as a hog pasture. In fact, the tests thruout proved that rape deserves more general

recognition as a forage for hogs. They also show the great difference that may occur between certain combinations of grain and forage. Oatmeal and rape proved to be the best combination in the entire experiment, and shows a gain of more than \$3 a head over the hogs fed on oatmeal and blue grass. No charge was made for the pasture in the foregoing table.

A third experiment was carried out to reveal the value of gluten feed for hogs on rape pasture. The gluten feed was charged at \$60 a ton, while the prices of the other feeds were the same as given in the preceding test. No charge was made for pasture. On this basis the average individual margin above feed costs was as follows, all feeds being given in self feeders:

Ration	Margin to the Hog
Corn alone	\$4.43
Corn plus equal parts tankage and gluten feed	5.52
Corn plus tankage and gluten fed separately	5.72
Corn plus tankage	5.30
Corn plus gluten	3.84
Gluten alone	4.31
Gluten plus tankage	3.97

A fourth feeding test was planned to show to what extent corn oil cake meal would replace tankage. This meal is a by-product from the mills making certain corn products. The corn germs remaining after these products are made are pressed for the oil they contain. The residue is the corn oil cake meal. There are a number of these mills in Iowa, and this feed is comparatively plentiful at \$65 a ton. Pricing hogs at \$18 and based on feed prices already quoted, the margin to the animal, above cost of feed was as follows:

Ration	Margin to the Hog
Corn plus meat meal tankage	\$4.34
Corn plus mixture of 1 part tankage and 3 parts corn oil cake meal	5.94
Corn plus corn oil cake meal and tankage, separate	6.57
Hominy feed plus tankage	4.88
Hominy feed plus mixture 1 part tankage, and 3 parts corn oil cake meal	5.09
Hominy feed plus corn oil cake meal and tankage, separate	3.28

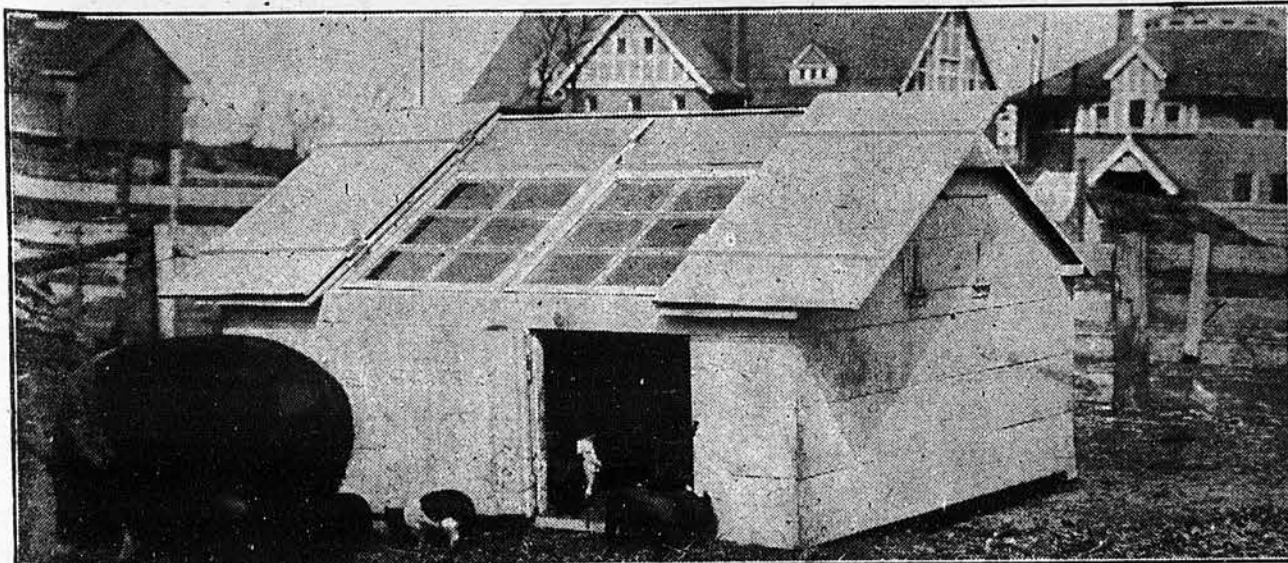
A fifth test showed comparisons between three methods of feeding—full feeding, self feeding, and limited feeding. Four lots were fed in this test, starting with weanling spring pigs, and continuing until an average of 300 pounds was reached in every lot. The self-fed lot not only reached the 300-pound mark first, but made its gains most economically. All lots received shelled corn, tankage, and salt, and had bluegrass pasture from weaning time until the end of the forage season, November 13. They were then taken off pasture and all received their feed in self feeders until they averaged 300 pounds.

For the first 130 days, or until November 13, Group 1 received 2 pounds shelled corn daily for every 100 pounds of weight.

Group 2 received 3 pounds shelled corn daily for every 100 pounds weight.

Group 3 received a full, hand-fed ration of shelled corn.

Group 4 was self-fed on shelled corn (Continued on Page 9.)

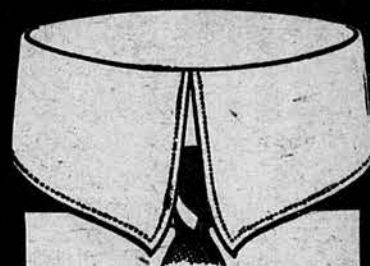


This is One of the Movable Sunlit Hog Houses That are Much in Favor. It Has All the Good Features of a House for Summer or Winter.

SQUADRON TROOPER

FRONT 2 5/8 in. BACK 2 1/8 in.
FRONT 2 3/4 in. BACK 1 3/4 in.

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SLIDEWELL COLLARS

It is made with the two "nationally asked for" collar features—the Patented Tie-Protecting Shield and the Graduated Tie-Slide Space—exclusive Slidewell features.

20c—2 for 35c—3 for 50c

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For Horses, Cattle, Sheep and Hogs. Contains Cop-peras for Worms, Sulphur for the Blood, Saltpeter for the Kidneys, Nux Vomica, a Tonic and Pure Dairy Salt. Used by Veterinarians 12 years. No Dosing. Drop Brick in feed-box. Ask your dealer for Blackman's or write

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We manufacture five sizes suitable to heat from a SMALL COTTAGE to a LARGE CHURCH including our old reliable No. 40 Pipeless with 22-in. combustion chamber and all fittings for

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EASY TO INSTALL in an old or new house. No cutting of walls. COOL BASEMENT.

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THE man who bought a strong safe, put his valuables within and left it open, was a trifle wiser than the other who built barns and a home but gave them insufficient paint. For while robbers may come, decay from weather attacks is absolutely sure to come.

The great paint, both for protection and beauty, is made of

Dutch Boy White-Lead

Exterior paint is made by thinning Dutch Boy white-lead with pure linseed oil, and either used white or tinted to any desired color. It is thoroughly waterproof. It clings firmly to the wood and neither cracks nor scales, no matter how hot the sun, nor how cold or wet the weather.

Interior paint which gives a clean, soft, velvety appearance to walls is made of Dutch Boy white-lead mixed with a flatting-oil. Walls thus covered are washable as tiled floors. Spots and stains are easily wiped off.

The possibilities of paint for you are set forth in Paint Points No. 87.



National Lead Company

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Cleveland Buffalo Chicago
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(John T. Lewis & Bros. Co.,
Philadelphia)
(National Lead & Oil Co.,
Pittsburgh)

Dutch Boy Red-Lead

mixed with linseed oil prevents rust on iron or steel fixtures, implements and machinery. Keep it on hand for retouching all exposed metal. It will save money.

An Excellent Pumpkin Crop

The Price of This Pie Material is \$10 a Ton

BY HARLEY HATCH

WE HAVE part of our pumpkin crop gathered and after picking out for pig fodder all not of the very best we now have in the crib enough pumpkins for 10 families and not half have been gathered. This was a good crop everywhere in this vicinity and I note in the local paper this week where one farmer offers to deliver all that is wanted for \$10 a ton. We raise pumpkins primarily for pies and for that reason do not have the large cow pumpkins, but instead, plant nothing but the smaller cream colored, hardshelled pie variety. What we can't use the hogs eat quickly and I suppose they are of some good to them.



to satisfy their hunger but corn and kafir fodder and luckily the farmers here have plenty of that.

A prominent Eastern farm paper says that hay is to be still higher in price before spring and that a number of the big farmers who must have hay are buying now and putting in store and are paying \$25 a ton. They say they would rather do this than to pay \$35 later. Can it be that hay is to go still higher in price?

The frost of October 7 and 8 started the pastures on the down grade and it will be but a few days until cattle should be fed. I know that many of us do not begin feeding as soon as we should; we hate to take on the extra chore with so much work piled up, but it will not pay to let the cattle start downhill so early in the season. They will get a lot of feed in prairie pastures for 30 days yet, but it should be helped out with corn or kafir fodder.

Discussing the matter of insurance of farm property lately a man well posted on the subject remarked on how negligent the average farmer was in looking after the matter; he said that if the insurance agent didn't make enough out of the business to keep close watch on the expirations half the farmers would be without insurance in any form. There is a good deal of truth in this, so much so that it would pay every man to have the dates of the expirations of his policies where he could refer to them at any time. We keep our policies in the bank vault but have a book in which all data regarding them is recorded.

Another man gave an instance of the carelessness prevailing in regard to insurance. A barn had been destroyed by wind and the owner had applied for his insurance money. Investigation showed that the barn in question was not on the ground noted in the policy and even the dimensions of the building were not as given. It was then found that the barn which had been insured had been torn down and rebuilt on a new site and the owner had never notified the insurance company, thinking that the insurance would follow to the new barn. Every man rebuilding or in any way changing an insured building should notify the company when the work is to begin and get permission to make the changes. If he does not he will likely find that his policy had been made void.

Harvesting the second crop of prairie hay did not stop until the frost came but for the last 10 days the quality had gradually been getting poorer. Much of the last put up was stacked and will be fed on the farm. I don't think it has any great feeding value but it will do for wadding if some other feed containing nutriment is fed along with it. Hay has been leaving this locality pretty lively all summer and one dealer alone shipped 71 cars of prairie hay to market during September. There is still a large amount left here to be shipped later and it is almost without exception the best of the hay.

A good many farmers have been laying in their winter stock of mill feed lately. They are doing it because the roads are good and not because any raise in price is expected; the government-fixed price for wheat prevents that. Good shorts cost \$2.20 a hundred here at the mill, while bran is \$1.40. At these prices I know of no cheaper feed especially for dairying. Bran at \$28 a ton looks cheap beside hay and it is much more convenient to feed. Some men think the price of wheat will be raised later and so bring up feed prices, but there is absolutely no possibility of that.

The best alfalfa hay reached a record price of \$29 a ton in Kansas City this week, while standard brings \$26. We cannot afford to feed alfalfa hay to stock cattle when those prices prevail; it can be used for beef making or for dairy cows but for common stockers it is, as the boys say, "too rich for their blood." But prairie hay brings \$20 in Kansas City, too, so stock cattle can't have any of that. There is nothing left

For the second year in succession the value of alfalfa on this farm has greatly exceeded the value of any other crop we have raised. In addition the alfalfa is growing on the poorest land on the farm, land in which the exceedingly hard subsoil is but a few inches below a not very fertile top soil. Three crops of hay were cut on this land this year making a total of 2 tons for the three cuttings. This hay is worth at present prices \$20 a ton right in the barn or a total of \$40 an acre gross production. The oats appeared at one time to be a far more valuable crop but even at 60 cents a bushel their gross value would be no more than \$24 an acre. Corn, if it starts at \$1 a bushel will make a total of something like \$20 an acre, which leaves alfalfa a winner by a good margin in gross values and by a still larger margin in net profits.

It is not hard to get a stand of alfalfa on this soil if the right conditions prevail. These include land free, or nearly so, from crabgrass and foxtail—and this is a vital condition. The next is that the seed be sown in spring, say about April 1 to 15, on disked—not plowed—land and that no other crop be sown. I know of several fields so sown this spring on high upland which made a fine stand while other fields sown with a so-called nurse crop of oats failed or partly failed because the alfalfa could not stand the dry, hot weather at harvest time. Do not plow for either alfalfa or clover for spring sowing on this soil; double disking and a good harrowing is the best and surest and it will stand much more dry or wet weather.

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SPLITDORF SPARK PLUGS

Some Hard Luck for Mr. Case

BY EARLE H. WHITMAN

Fellows, our contest manager is ill. Not very seriously, we hope, but it's hard luck, isn't it? All of you will sympathize with him, especially the boys who have been laid up some time this year. Mr. Case is staying home this week but is planning to get to the office in time to write a story telling all about the big plans for the 1918 Capper Pig Club. This will be in the Farmers Mail and Breeze for November 3.

While we're talking about the 1918 Club I want to say that quite a number of 1917 members haven't sent in their cards to let us know whether they wish to belong to next year's club. These



Left to right: Louis Etherington, Audrey Downing, Lawrence Houghton.

cards were to be here by October 20, so the fellows who have put off sending them in should lose no more time. Mighty few members of this year's club are dropping out, unless they already have been in the Pig Club two years, and most of them are planning to stay in the breed club work. Let's have the missing cards right away.

We have three of the Greenwood county Pig Club boys with us this time. Louis Etherington, a 1916 club member, is county leader and has been working from the time he was appointed. Louis has had a little hard luck with his pigs this year and this always makes it more difficult for a fellow to do his best. When the picture was taken Audrey Downing was ill. Indeed, he was in bed when Louis and Lawrence Houghton went to see him, but he got up and dressed in order to be in the picture. All of these boys have Polands, Lawrence having seven fine ones. The three boys and Lawrence's father were at the State Fair meeting in September.

Now we're going to do our best to have Mr. Case feeling well and back in the office within a few days. I'll show him the letters you fellows write and he will soon be here to answer them himself.

More Alfalfa in 1918

A larger acreage of alfalfa than usual will be planted next year in Kansas. The crop is mighty popular just now. This has come as a result of the excellent profits that this legume has produced this year. Alfalfa maintained in most communities in 1917 its reputation for being the most profitable field crop.

A Fair Chance for Farmers

As a wheat grower in Sedgwick county since 1879, I wish to thank Governor Capper for the stand he took on the farmers' side of the wheat controversy at the Wheat Show in Wichita recently. I was not there, but read in the Wichita Beacon what the governor had to say.

I note that the Wichita grain men gave out the impression at the meeting that the farmers were not holding back their wheat; that they were not feeding it to hogs. Now this is a mistake. They know better; scarcely a load of

wheat has been shipped from Goddard since harvest. Both elevators are standing perfectly idle; besides much wheat is being fed to stock. I have one neighbor who has 10 brood sows that have fine litters of pigs. He has 2,000 bushels of fine milling wheat that tests better than 60 pounds. He is now feeding it to his hogs and declares that unless something is done he will feed every bushel of it, and he is only one among many others.

Now I wish to say that if it is really going to make any difference whether this wheat is made into flour or whether it is fed to hogs and got rid of in every manner possible, then the government had better get busy with some further legislation and either raise the price of wheat to \$3, as should have been done in the first place, or otherwise confiscate it; that is, take it away from the farmers at this \$2 price. The way matters stand now there is nothing more sure than that a good big proportion of the 1917 wheat crop will not be made into flour. This fact may just as well be known one time as another. The wheat growers would have taken this "Hooverized" gaff with a much better showing of grace if it had been applied in a like manner to all other products and commodities. But to be singled out and have a "government gun" held over us while we are being robbed right and left by everyone is not only grossly unjust, but infamous.

Goddard, Kan. William Whitby.

Pork and Low Costs

(Continued from Page 7.)

and tankage. The first three groups received daily allowances of tankage equal to that eaten from the self feeder by Group 4. The table following shows the time required by every lot to reach an average weight of 300 pounds, and the amount of every feed required to make 100 pounds gain:

Group	Days to Make 300 Pounds	For 100 Pounds Gain (Shelled Corn)	(Tankage)
1	239	422.6	32.9
2	207	419.7	32
3	191	416.7	28.4
4	175	417.9	25.1

Other important tests showed the value of milk in pig feeding. Buttermilk was used, but this has approximately the same feeding values as skimmilk, so the results may be considered as applying to both. One lot of pigs was fed on shelled corn, tankage, wheat middlings, and rock salt, all on the "free choice" or self-fed plan. The second lot was fed exactly the same, but had in addition all the buttermilk wanted. The aim was to continue the test until every lot averaged 300 pounds. The pigs averaged 56 pounds when the experiment started. This table shows the surprising results obtained:

	Buttermilk	No Buttermilk
Final weight	299	296
Days fed	156	218
Average daily gains	1.54	1.10
Feeds for 100 pounds gain		
Shelled corn	148	442
Tankage	9	33
Middlings	14	31
Buttermilk	2,091	...
Salt	.1	.4

These include the more important feeding tests carried out recently at the Iowa station and made public on "Swine Day." Some of them had been finished for some time before this date, but the results were given at the meeting for their practical value, even if the hogs could not be seen and compared. Every visitor at the college was impressed with the large amount of intensely practical experimental work the Iowa station is doing for the pork producers of that state. Every hogman in the corn belt would be well repaid for keeping in close touch with this work.

Five Fridays—A Short Serial

We're worrying and fussing a lot, these days. We talk war and coal and gasoline from morning 'till night. Too many of us have quit smiling. Too few of us know how to laugh.

Therefore: The Farmers Mail and Breeze has decided to print a short, laugh-producing story, "Five Fridays," in four parts, by Frank R. Adams, one of the really funny men of America. Mr. Adams wrote "The Time, the Place, and the Girl," a play that made thousands laugh their cares away and take a new hold on life.

You'll enjoy, "Five Fridays." It is a rattling good story—not a line of farming in it—no war—not one shot—a clean story filled with fun and not much else.

We need some relaxation, all of us. Quit arguing about wheat prices and begin to read "Five Fridays" in the first installment which is to appear in the Farmers Mail and Breeze November 3. Don't miss it.

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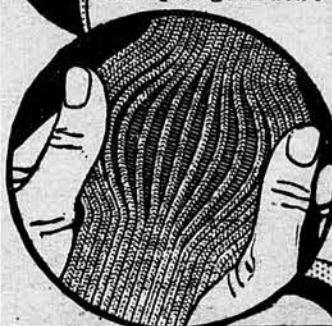
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The Woolson Spice Co. Toledo, Ohio

Sign Now for Home Service

Women Should Join the Food Administration

BY MARY CATHERINE WILLIAMS

IF YOU have not signed the Food Administration pledge card, do it now. One and a fourth million women already have signed these cards—50,000 in Kansas alone—and it is hoped that in the week from October 28 to November 4 so many other housewives will sign that every one of the 20 million homes in the United States will be enlisted in this patriotic, voluntary service.

These are the specific things Mr. Hoover asks: Have one wheatless meal a day, using corn, rye, barley or mixed cereals for rolls or muffins, and use less pastry and cake.

Use poultry, rabbits and fish in place of beef or pork. Serve beef, pork or mutton not oftener than once a day. Use milk freely as children must have it, but waste no skim milk or sour milk. Use butter on the table but not for cooking. Reduce the use of fried foods so as to save fats. Save 1/3 ounce of animal fat daily. Fat is used for glycerin and glycerin is necessary for high explosives.

Use less candy and sweet drinks. Put less sugar in tea and coffee. Make sirups and molasses do for sweetening in cooking or on hot cakes. Let fresh fruits and vegetables replace as much as possible the wheat and the meat which can be sent to the Allies.

The Woman's committee of the Council of National Defense has been asked by the Food Administration to help in next week's campaign. Every county in Kansas has an organized committee with a county chairman who will take charge of the work. Watch your local paper for announcements of the time and place to sign. If you cannot get to town, sign the card given here and send it to Herbert Hoover, United States Food Administrator, Washington, D. C.

her own home and help in the numerous activities of this society.

Let us be ambitious for the worthwhile things, and strive to excel in some work that will really benefit humanity. Let us brighten our corner, adopt service as our motto, and accomplish more in our homes, our communities, our state and our nation, that in this, our supreme test, it will be said of woman, "she has done what she could."

Mrs. C. W. Grant.

Columbus, Kan.

Now for the Hallowe'en Fun

BY MRS. DORA L. THOMPSON
Jefferson County

It has been the custom for some years for the women in this locality who belong to the Ladies' Aid Society to have a bazaar about Christmas time. Candies, popcorn and nuts, aprons, house dresses, fancywork and donated articles were for sale. Sometimes for weeks before the bazaar date, the women spent two or three afternoons a week sewing. This has left them with very little time for their own Christmas preparations.



This year the women have decided to have an apron sale instead of the usual varied articles. Each member will contribute some plain aprons and others will be made from materials on hand. The women will serve supper at the sale. They hope to gradually get enough cash to put the roof on the new church.

Another social along the same line is the October Sunday School calendar. This is planned for Hallowe'en. The program will consist mostly of the play, "The Good Fairy Thrift." This little play brings in groups of Japanese, Hollanders and others who tell in word and song how for years they have practiced thrift. The little Americans can make no such boast; they can only promise better things in the future.

The lighter part of the entertainment will bring in a fortune-telling booth, an apple bobbing contest—a tub of water with apples floating on it and a prize for the one who first succeeds in getting an apple in his mouth with his hands tied. The swinging apples tied to strings give another chance for skillful mouth work. Pumpkin pies are the usual prizes. Pies, doughnuts, popcorn and cider will be the refreshments.

The costumes for witches and Hallowe'en sprites will be made of crepe paper. It is now possible to buy many of these articles. Caps, black cats, crepe pumpkins, table covers, cards and so forth are on display in the stores. Here we can have the real article in the pumpkin line for jack-o-lanterns. A clam shell makes a good scoop. The turn of the mouth-line, up or down, makes jack either a grinning or groaning-faced monster.

Farm women in our neighborhood have not been so busy with Red Cross work as they are in some places. In fact, we have been too busy trying to prepare

for winter to get our own sewing done. Here we are picking the Ben Davis, Winesap and York apples. In the absence of men, part of this picking is considered woman's work. Several tasks have been tried for the first time. We find few of them that equal rubbing clothes on a washboard. Where an exchange of work is effected on a farm, we recommend that the woman hand out the washboard and several pairs of overalls. She might get a power washer for a Christmas present!

Cabbage is being sold near Perry for 1 1/2 cents a pound. This makes it possible to pack a 5-gallon jar with sauerkraut at about the usual cost of 1 gallon of made kraut. Kraut making is not difficult but, like most tasks, it needs to be well done when it is done. If good solid heads are cleaned of outside leaves, washed, cut in half and cored, they may be sliced or shredded on a kraut knife in a hurry. A stone jar makes the best container. It should be thoroughly cleaned before the shredded cabbage is placed in it. We like to place 4 or 5 inches of cut cabbage in the bottom, then a light sprinkle of salt, then more cabbage. It is well to leave space at the top for covering. To make good kraut, the cabbage must be well tamped as it is put in. A wooden block on a handle makes a good tamper. The juice should show above the cabbage. When the last layer is in, some of the clean outside leaves make a good upper surface. Over them, a clean muslin cloth should be spread—a flour sack or something similar—then a loose-fitting board cover, then clean stone weights. A temperature of 70 to 80 degrees will make kraut in a short time. As a scum forms on the liquid it should be removed and the cloth cover cleaned. In cool weather kraut will keep in the jar in a cold place. In warmer weather we have had no trouble keeping it in glass fruit cans.

Clothes for Cool Days

Cooler days demand warmer clothes. Any pretty wool material may be used in developing dress 8239. This dress has a separate waist, two-piece gathered



skirt with belt and suspenders and closes at the front. Sizes 6 to 14 years. Ladies' skirt 8269 is cut in one piece and has two tucks at the lower edge. Sizes 24 to 32 inches waist measure. Ladies' or Misses' Envelope Chemise 8480 is to be slipped on over the head. Sizes small, medium and large. These patterns may be ordered from the Pattern Department of the Farmers Mail and Breeze, Capper Building, Topeka, Kan. Price 10 cents each.

The awful question, "What shall I have for dinner?" is easily answered if your shelves are full of home-canned products.

A quart of canned peaches or tomatoes on the shelf is worth a bushel rotting on the ground.

See that the shelves in your preserving closet sag just a little this year.

PLEDGE CARD FOR UNITED STATES FOOD ADMINISTRATION

If You Have Already Signed, Pass This on to a Friend

To the Food Administrator:

I am glad to join you in the service of food conservation for our nation and I hereby accept membership in the United States Food Administration, pledging myself to carry out the directions and advice of the Food Administrator in my home, insofar as my circumstances permit.

NAME

CITY STATE

There are no fees or dues to be paid. The Food Administration wishes to have as members all of those actually handling food in the home. Anyone may have the home card of instruction, but only those signing pledges are entitled to membership window card, which will be delivered upon receipt of the signed pledge.

Wilma Journeys to Antville

Insect Guard Directs Little Girl Along Proper Course

BY JOSEPHINE E. REED



"I wish I could go to Fairyland," sighed Wilma, as she looked up from the fairy story she had been reading.

"Why?" asked Aunt Isabel.

"Cause there are such wonderful things there."

"There are wonderful things in this yard if you could only see them. If you were small enough to go down in the crevices of the ground—"

"I wish I had a fairy godmother. I'd ask her to turn me into something tiny so that I could go."

"I think Mother Nature is almost a fairy godmother of yours; your mother loved the outdoors so well. If you wish it very much perhaps she will find a way."

Aunt Isabel picked up her sunhat and waved a goodbye to the little girl who, having nothing else to do, lay down on the grass. Soon a queer feeling came over her. She felt rather shrinking, as if she were growing smaller and smaller. Her pretty shoes and half hose, with their dainty pink border, seemed to be disappearing altogether and soon she found herself so small that her queer little legs carried her rapidly along until they took her right into an ant-hole.

My! how surprised she was. A little ant came toward her—a soldier ant with large biting jaws. His antennae or feelers, which were on the front of his head, touched her and she found, to her great astonishment, that there were feelers on her head. It was just as if he had talked to her and she knew right away that he considered her a friend and it was all right for her to go on, for this soldier ant was on guard just to fight enemies.

So she went into the ant-nest and found more and more wonders. The house was made of different stories or flats, connected by little halls, and upheld by tiny pillars all dug out by industrious little ants.

One would not expect to find much difference in ants, but Wilma soon noticed that the large ones were queens and did not do any work, while the smaller ones were called neuters and did all the work.

She also discovered that she was now a little ant just like the others, and by touching the feelers of the others, she could understand everything they thought.

First of all she wondered what work ants had to do and she soon found out by looking around and asking questions. The neuter built the houses, provided the food, and took care of the children. How did they take care of the children? Well, you know, ants are not hatched out of eggs as chickens are, but lie like little worms asleep, all wrapped up, until they are fully alive and ready to begin action for themselves. In this stage they are called larvae, or grubs. Every night the larvae are carried into the room farthest away from the door of the nest, so they can keep as warm as possible and be safe from any enemy. In the morning they are all carried back into a room where the heat of the sun can reach them.

Wilma's greatest fun was in seeing the ants milk their cows. You didn't know that ants kept cows? Well, of course, they do not look like the cows you have seen. They are only little green aphides or plant lice.

These insects have a little gland which contains a sweet juice and Wilma saw two or three of the ants gather around an aphid and touch it on this gland with their feelers, which would bring out this juice.

Before the day was over there was a great commotion in the ant village, because the neuters had discovered a number of young ants of another species. They all rushed out and after quite a fierce combat in which there was some blood shed, they captured the strangers and took them home to keep them and train them to do their work.

The next morning Wilma discovered it was moving day. There was a great bustle and hurrying, and some of the ants carried the little slaves in their mouths to make greater speed. On the way they found an ant buried in some

clay with only the tips of his feelers showing. They were very busy, but they went to work with a will and soon rescued their brother.

They came to a slender twig which formed a bridge over a tiny rill. It was too narrow for the army of ants to cross over quickly, so some of the insects clung to the sides and made it wider while the rest of the army marched over.

Then there was the new house to build, but Wilma had grown very tired of the busy ants' life.

"Oh, dear," she exclaimed; "I've had enough of this. They work harder than I do," and rubbing her eyes she found her hands were as large as ever and, in fact, she was her very own self again.

"Was it a dream?" she asked, as Auntie entered the yard, but when Auntie heard all about it, she said:

"Well, that's strange, for every word of it is true. That is exactly the way the ants live."

Ben Franklin Was a Poor Boy

He came to Philadelphia penniless. He swept out a printing office and later became a printer.

He became a power in literary life and founded Poor Richard's Almanac.

He established a newspaper which grew to have the largest circulation of any magazine in the world.

He chummed with Emperors and Kings while Envoy to France and England.

He invented a stove and lightning rod and made great electrical discoveries.

He helped draft the Declaration of Independence and the Constitution of the United States.

He founded the University of Pennsylvania.

He was a philosopher who carried out his own epigrams.

Do You Know Who They Are?

The names of 12 famous personages are concealed in this list, an author, a historical character, a nurse, a writer, a poet, a lexicographer, an Indian princess, a navigator, a great preacher, a novelist, an American colonist and a great teacher or educationist.

The first five boys and girls sending in correct answers will receive a package of postcards. Address the Puzzle Editor, the Farmers Mail and Breeze, Topeka, Kan.

- 1—I'm a real bear.
- 2—Dog vail-day.
- 3—L. R. ran to a cab.
- 4—Leap! Angel Dora.
- 5—Pale ale harms wise Ik.
- 6—We abhor nets.
- 7—Pa can shoot.
- 8—Can it be A's sabot?
- 9—Bill, or Hob Hicks, sips pop.
- 10—Jane, come for more pies.
- 11—S—, mend this sail.
- 12—Fire! Dr. Chobel, fire!

Number 1 in the list is Amelia E. Barr. By arranging or transposing the letters of the other numbered sentences in proper order, they will give the names of the others.

The names of the animals in the puzzle in the October 6 issue are: Bear, deer, wolf, mink. Prize winners are: Willie Larsen, Jamestown, Kan.; Helen Patterson, Topeka, Kan.; Faun Traul, LaCygne, Kan.; Ralph Miller, McCracken, Kan.; Lloyd Countryman, Scott City, Kan.

Jack-O'-Lantern's Prank

Upon a certain Hallowe'en,
When not a soul was nigh,
A jolly Jack-o'-Lantern spied
A golden pumpkin pie.

Now, Jack-o'-Lantern's funny mouth
Was very, very wide;
To play a prank this Hallowe'en,
He put the pie inside.

Said Jack-o'-Lantern, "After all,
That pie is mine, you know;
And now it's in the very place
In which it used to grow!"
—Youth's Companion.

Feminine Curiosity.

The pretty young lady was being shown around a battleship. When they reached the deck she said to the captain, "I am so fond of animals. Will you please show me your wardogs."



DECAY does not wait until times are better. When you are busy with other things or when you feel like saving your paint money—that's the time when decay gets in its work and your farm property begins to run down. Delay invites decay and decay means costly repairs.

But you cannot fool the weather with poor paint any more than you can fool nature with poor seed.

The Sherwin-Williams Company has been making quality paints and varnishes for over fifty years. That's time enough to prove quality. Get

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for your house. This is a heavy-bodied, weather-resisting paint, made of pure lead, pure zinc and pure linseed oil. It is mixed, ready to apply and when properly applied will not crack, peel or fade. Measured by its remarkable covering and spreading power and by the years of service it gives, you will find it the most inexpensive paint you can buy.

You can get every kind of paint and varnish that your farm requires from the Sherwin-Williams dealer near you. S-W Barn Red for your barns, fences, corn-cribs, etc., S-W Wagon and Implement Paint for your farm equipment, S-W Auto Enamels for your car—each a special product made to best serve its purpose.

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"It's Lots of Fun to Keep Records"

BY BERTHA G. SCHMIDT, Secretary

"GREETINGS! we welcome you to our club, and tho we miss our former secretary, we're going to do our best to make our work for the year a thoro success!"

It was thus Prince Perfect spoke, addressing me from his perch upon the scales and looking at me somewhat sternly with one wide-open eye.

"I'm placing him at the beginning of my letter to the Capper Poultry club girls and he's sending back greetings from me to you.

"Prince Perfect" is 3 months old and belongs to Agnes Wells of Meade county. Isn't he a wise looking fellow? He tips the scales at almost 3 pounds and while he's somewhat proud of his weight and his good looks, he's altogether genial and companionable. He has already made me feel quite at home as your new secretary. In fact, I have become very well acquainted with you during the last week, reading your letters for weeks and weeks past in the files of the Farmers Mail and Breeze.

Especially was I impressed with a part

of a letter from Ollie Osborne of Johnson county in which she wrote of a friend who had thought it would be too much trouble to keep records and so had not joined the poultry club, but later when the work was explained to her she saw it wasn't nearly such a difficult task as she had thought.

"I think record keeping is lots of fun," wrote Mabel Peterson of McPherson county, this week. "It develops our minds and at the same time it is a pleasure. It is so much more concise and to the point than to look things up in a book and then not remember them. We will not forget that which we have really practiced."

Mabel is exactly right and I'm so glad that she made that statement in her letter this week because it provides an excellent opportunity to tell you about some other girls that I know of who kept records and found it lots of fun. Several months ago when I was traveling thru Texas, visiting home economics classes in schools and colleges, I asked one of the instructors what she regarded

as the best part of the course offered in her college.

"Without a doubt," she replied promptly, "the housekeeping budget plan."

And with that she placed before me a text book which showed the system by which girls were taught to keep account of household expenses, so that in the future when they should keep house their business methods might be as carefully worked out as those of their husbands on the farm or in the office in the city.

"But we don't stop at this," continued the instructor. "Every girl in the class must keep account of her daily expenses, itemizing them under such heads as food, shelter, clothing, laundry, amusement, benevolence, education, and so on. Of course, I don't need to tell you that it makes a wonderful difference in the amount of money a girl spends foolishly. Many who come here are wealthy farmers' daughters who have never considered the value of a dollar. But they're learning, and it's going to help them thru life, for perhaps they won't always have so much money to spend as they have now. Besides no girl should spend more money than is necessary. If we're real patriots we're going to economize wherever we can."

Now, that is just exactly what keeping records is going to mean to the girls of the poultry club. You've found out

how much fun it is to figure things out, for figures always tell the truth about things. And you're going to continue keeping accounts in the various things you do.

But I'm talking more than I intended to. We're going to hear from some of the other members of the club now. Naoma Moore of Stafford county has a bright idea—a real business idea. "I'm saving the linings of chicken gizzards," Naoma writes, "and when I get enough of them, I'm going to sell them and buy a cedar chest. I'm starting to make the things for the chest now." We hope that Naoma will write us more about her success in buying a cedar chest with chicken gizzards.

Grace Swain of Montgomery county has a reason for the names she has given



"Prince Perfect" of Meade County.

her chickens. "Goodboy" is thus named because he was always a good sort of fellow, minded his own business and grew to be the largest member of her flock. "Lady Speck" is smaller—just a mere speck she was when she received her name. And how about Bobby? Well, now this will make you laugh, altho Bobby did have to suffer a good deal to be christened thus. When a youngster he broke one of his wings. "Bobby, oh, I just call him that," Grace writes, "because when he was hurt, his wing would bob up and down on the floor."

There are a great many other interesting letters but this is all we'll have room for this time. We'll save some of them for next week.

Beef Scraps for More Eggs

Many farmers, in feeding their pullets, overlook the fact that beef scrap or some similar feed is very essential during the winter months if a good supply of eggs is to be obtained.

A convenient method of feeding beef scrap is in a mash made of 3 parts corn meal and 1 part each of wheat bran, wheat middlings and beef scrap. Skimmed milk or buttermilk may be used in place of the beef scrap, but if the supply is limited some scrap also should be fed.

In experiments conducted by the United States Department of Agriculture it was found that for the first four months pullets fed a ration containing beef scrap produced, on an average, 41.5 eggs, while those fed the same ration without the scrap produced only 18.7. The cost of feeding the latter birds was 2.2 cents higher for every dozen eggs produced than in the case of the pullets fed beef scrap.

The birds should have plenty to eat, but they also should always be eager for each meal. If one-third of the scratch grain furnished them is fed in the morning and two-thirds at night, the birds will take more exercise than if they receive all the grain they desire in the morning.

Ointment and Flies.

Life's little ills annoyed me
When those little ills were few
And the one fly in the ointment
Put me in an awful stew.
But experience has taught me
The little good to prize
And I enjoy to find some ointment
In my little pot of flies.

More eggs!



Help your hens "do their bit"

War prices will mean big profits to you this winter if your hens lay well. It will pay you to look after your hens now. Don't let the moult drag on—nature's course is too slow when eggs mean dollars.

In the National Egg Laying Contest at the Missouri Experiment Station, hens given a daily tonic made much the highest record in egg yield and quick moult, giving official proof that a tonic pays. Dr. LeGear's Poultry Powder is a tonic which helps hens through moulting, strengthens the hen's whole system, and stimulates the egg producing organs.

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Stopping Our Biggest Waste

Demands of 1918 Need Better Care of Manure

BY GRANT W. ERWIN



There is Always a Good Place for Manure. When Spread Right on the Land there is Less Waste.

THIS hits every farmer. The greatest leak in the world, the billion dollar manure waste of the United States, is a loss to which every farmer raising livestock contributes his bit.

Never before has the loss due to careless handling of barnyard fertilizer been made more keenly apparent. The value of most farm animals has increased 100 per cent. Feeds have doubled in price. Therefore we are paying twice as much for our manure.

No farmer will reap the full benefit of higher prices who does not utilize his manure to its fullest extent. Indeed, without taking into consideration the increased value of manure, many farmers are actually threatened with loss. An enormous crop is demanded for 1918. And manure is in many cases

is the part that requires the greatest care. An ample supply of bedding of some sort should always be used to absorb the liquid before it has time to drain away or ferment.

Manure waste is most easily reduced when it is hauled directly to the field as it is produced. Then the leachings are largely carried into the soil by rain water rather than lost in the drainage from the feedlot. On well-managed farms this practice is becoming more and more general. Manure carriers and spreaders greatly reduce the time and labor it takes to handle the manure daily.

If no shed is available the best method of storing it in the open is by piling it in a compact pile with nearly perpendicular sides. The pile should be left flat on top so that it will absorb the rain water rather than allow it to run off. This not only lessens the amount of leaching, but helps keep the manure moist and thus reduces the fermentation. Where it is necessary to store large quantities of manure in the open, it will often be found profitable to construct a concrete manure pit or floor having raised edges, where all the leachings from the manure pile can be saved.

If it is impractical to haul the manure direct to the field as soon as it is produced, F. L. Duley of the Missouri College of Agriculture suggests that it be stored in such way as to reduce the loss from leaching as much as possible. This is best accomplished by keeping the manure under cover, that is, by leaving it in stalls or sheds where it is well tramped down, or by piling it in a shed built for the purpose. When manure is piled in a shed it should be packed down



This Plot Had No Manure.

the cheapest way to insure an extra large yield.

Stable manure is one of the farm's perishable products. If it is adequately stored, or promptly handled, its important constituents will not get away. But if it is allowed to leach its value rapidly diminishes.

Great results are obtained by applying fresh manure as a top dressing on the wheat fields in fall and winter. Even leached manure and straw, when spread on the wheat in early winter protects it from drying out, and holds the snow. But fresh manure, in a 3 years' test at the New Jersey Agricultural Experiment station, gave a 40 per cent greater increase in the yield of crops than did leached manure.

I have seen manure regarded on many farms as if it was only a nuisance. It is thrown out of the stable door upon the pile and there left for the weather to wash away its most valuable parts, the parts the plant could use at once. Where manure is exposed to the weather for five or six months no less than 50 per cent of the fertility is lost.

The average farm animal uses only a small portion of the expensive minerals in the feed. Think what this means. About 80 per cent of the nitrogen, 70 per cent of the phosphorus, and 75 per cent of the potassium from each meal is voided in the manure, according to chemists at the Missouri College of Agriculture. These elements, especially the potassium and nitrogen are in very soluble form, and are readily leached away by rain water.

Good Bedding Absorbs Liquids.

Half of the plant food value of manure is contained in the liquid portion. This



Manure Increased this Yield.

well and kept moist to prevent "fire-fanging."

Now that the prices of staple farm products are fixed, and we are protected from loss, every effort should be made to obtain maximum yields. These are possible only when our manure is conserved, and our soil kept in the highest state of fertility.

Big Kansas Dairy Show

The first dairy show to be held in Southeastern Kansas will be given in Parsons, November 6 to 10.

The program for this 4-day event includes not only exhibits of dairy herds, dairy products, the sale of purebred stock, and lectures by dairy experts, but also courses in home management as related to this industry. "Movie en-

tertainments" illustrating dairy and farm work will be a feature.

Persons interested in the dairy industry from 12 to 15 counties in the southwestern part of the state are expected to attend.

Every day of the show experts from the Kansas State Agricultural college, assisted by practical dairymen from nearby counties, will give demonstrations and lectures.

Holstein Breeders to Meet

A business meeting, sale, and banquet of the Holstein-Friesian association of Kansas will be held at Nortonville, October 31.

Nortonville can be reached very conveniently by way of Topeka, for members living west and south, a morning train leaving Topeka about 7:30, and returning in the evening, leaving Nortonville at 9 o'clock.

The business session will be held in the morning at 10:30 to 12. In the afternoon there will be a sale of purebred Holstein cattle under the management of Mr. Schneider; these cattle are Ohio bred Holsteins and shipped to Nortonville for sale.

In the evening at 6 o'clock a banquet will be given to all members attending, by the commercial club of Nortonville. Following the banquet the time will be given to the organization of a Holstein Sales association for members of the state association only. Other states like Wisconsin, Michigan and New York, that have state Holstein organizations, also have sales organizations and their members, who have cattle to sell, have an opportunity to place good cattle in the sale once or twice a year. This sales organization is important to every member of the organization. A large attendance is desired.

Dickinson County Cow Records

The following table gives the names and records of the cows in the Dickinson County Cow Testing association that have produced more than 35 pounds of butterfat during the 30 days ending August 30, 1917. The report is made by C. A. Herriek, official tester, and A. H. Diehl, secretary of the association:

Owner of Cow.	Name and Breed of Cow.	Pounds Milk	Per cent of Fat	Pounds Butterfat
Geo. Lenhart.....	Rossita, H.	1029	3.8	39.1
	Henrietta, H.	1053	3.5	36.9
A. B. Wilcox.....	Jewel, H.	1095	3.2	35.0
A. H. Diehl.....	No. 12, H.	978	3.9	38.1
Sam'l Mitsch.....	Sall, S. H.	636	5.6	35.6
Mott & Seaborn...	Lucile, H.	879	4.0	35.2
E. S. Engle & Son.	Bob, H.	939	4.2	39.3
	Eva, H.	990	4.0	39.6
	Snowball, H.	1092	3.8	41.5
	Lois, H.	924	3.9	36.0
	Princess, H.	978	3.7	36.2
	Beaute, H.	1440	2.5	36.0
	Ruth, H.	1161	3.2	37.2
	Alexina, H.	1215	3.2	38.9



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3-in-One is sold in hardware, drug and general stores. 1 oz. bottle 15c; 3 oz. 25c; 8 oz. (1/2 pt.) 50c. Also in Handy Oil Cans, 3 1/2 oz. 25c. If your dealer doesn't keep these cans, we will send one by parcel post, full of good 3-in-One, for 30c.

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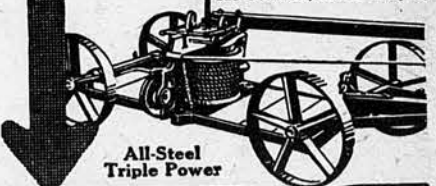
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A Rotation With the Crops

Alfalfa Produced Excellent Profits This Year in Kansas

BY F. B. NICHOLS, Associate Editor

THE DRY weather of midsummer is gradually forcing a change in the cropping systems on Kansas farms. It is very evident that crops must be grown with this in mind a little more if the right returns are to be obtained. Grain farming has greatly reduced the moisture holding capacity and the available fertility of most of the fields of this state, until dry weather does much more damage than it did a few years ago. This abuse which the soils have received and are receiving must be considered if the crops on many fields are to pay the cost of production.

What the result amounts to is that the soils do not have the "punch" needed to take the crops thru an unfavorable dry period to so great an extent as they did 25 years ago. On a very high proportion of the fields a grain farming, soil exhausting system has been maintained year after year, with the result that this year, when the world's need for food was so great, the fields couldn't produce as they should, and would have done a few years ago. This was especially true on the uplands. As it was all that saved the corn of Kansas was the abnormally cloudy, misty weather of August—the rains alone would never have done it. The cloudy weather kept off the hot sun while the damage the drouth had done was being repaired to some extent—the effect on the corn fields of Kansas last August was somewhat the same as when cold cream is applied to a burn on your hand. Kansas produced a good many million bushels of corn and hundreds of thousands of tons of silage and fodder as a result of that queer weather.

But we can't count on that weather in an average year. Corn made the most remarkable recovery this season that the present generation has ever known, and it is probable that we will never see another season like it for a great many years. Therefore the cropping systems, if they are to make the greatest returns, must be made with the idea in mind that dry weather will come and that the soils are not in the right condition to take the plants thru unfavorable conditions. If this axiom is accepted it makes the planning of a good system much easier.

One need not fear dry weather in June as a usual thing. While this occurs, and dry weather in this month has done considerable damage in Kansas, the proportion of the years in which this has occurred is not large. Therefore the crops that mature before July 1 usually are fairly safe so far as the dry weather is concerned.

That is why the acreage of alfalfa, from which two crops can be obtained before this dry period arrives, the clovers, oats and other crops that make a rapid growth in the spring, will be planted more generally.

The greatest increase of all probably will be with alfalfa. This crop certainly made a record in 1917; while it is true that the growth was reduced some by the dry weather, it also is true that it made an excellent record in the spring and fall, and produced a higher net return as an average for the state than any other general field crop. But then it always does this. In view of this fact, it is difficult to understand why

the acreage does not increase more rapidly in Kansas. Instead of 1½ million acres, we should have at least 3 million acres, with a proper increase in the livestock required to eat this hay.

Larger acreages of these crops will of course lead to reducing the acreage of corn. This will be a most happy thing. It is finally being understood generally that it does not pay to plant corn unless the soil conditions are favorable. This crop requires a huge amount of moisture and available fertility, it is a rank feeder of the first class. It comes from the subtropical regions and it was grown naturally where there was an abundance of both moisture and plant food. It can be expected to produce the best results in Kansas only under the very favorable conditions, which means on the best soils. A smaller acreage of corn and more work on every acre planted is a program that might increase the total yield, and would be more satisfactory all around.

No matter what the system adopted, however, there is the greatest need for a more careful consideration of the cropping problems of the individual farms. We need less respect for the past with our cropping methods and more for actual needs. We are already harvesting the results of our grain farming systems, and this will be the rule to an increasing extent every year unless they are changed. Favorable results from a soil fertility standpoint can be obtained only by the most careful management.

To Kill the Weevil

How can I keep weevil out of beans and peas?
Copan, Okla.

Fumigate the seeds with carbon disulphid. This can be done by placing the seed in water-tight barrels, which are filled with the seed to within a few inches of the top. The dosage needed, about ½ cupful a barrel, may be poured directly upon the peas or into absorbent material packed on top of them. The barrel then should be covered with a double thickness of heavy wrapping paper tied closely and tightly around the top. After a few days the peas should be examined and if insects are still active, they should be treated again, a stronger dosage being given or the work done on a warmer day. The barrels may be kept covered with the paper to prevent reinfestation. The sooner peas are threshed out and thus treated the better. Treatment should kill immature weevils as well as adults. Other seeds intended for planting can be treated and protected in a similar manner.

You can buy the carbon disulphid at drug stores.

Warlike.

A little girl was a regular attendant at the Billy Sunday revival meetings and heard often that popular song, "Brighten the Corner Where You Are," but evidently failed to get the words correctly, for one day she was heard singing, "Fight in the Corner Where You Are."

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What Shall I Do, Doctor?

BY DR. CHARLES LERRIGO.

Don't Exaggerate.

I have just read a letter in which it appears that certain bad habits have entirely ruined a man 40 years old. He has made himself so that he has no hope—he cannot take his place among men—he is waiting for the end. Making all due allowance for the fact that despondency is one of the prominent symptoms of this man's trouble, I yet must call his attention to the fact that he only adds to his burden by indulging in exaggeration. Many persons seem to take a special delight in sticking the brush deep in dismal colors in reporting their ailments and also in telling about them to their friends. With every repetition the color deepens and darkens. They convince themselves by their own stories that their cases are hopeless. They handicap Nature's efforts at repair by refusing to credit them. This is all wrong. Give as much attention to your aches and pains and woes as is needed to insure proper treatment. After that, make light of them; belittle them in every way; laugh at them; insist that they are, but transient. Try this way and see which is best.

To Cure the Piles.

I am troubled with piles, not bad enough to warrant removal as yet, but apparently they are gradually getting worse. One doctor tells me he cures piles by cutting part way thru and tying the remainder till it sloughs off. Another doctor tells me he cures them every time by injecting medicine, without any cutting or burning. Each method is used quite extensively, I understand; which do you consider best?

V. E. DeG.

There are so many methods of operating on piles, all of them used with reasonable success, that I hesitate to advise in favor of any particular one. My advice is to consider the man rather than the method. A very good method may be spoiled by a poor operator, and a good operator is pretty safe with any method. One thing is sure, the ordinary case of piles can be cured by operation without the necessity of a long stay in the hospital or taking a general anesthetic. The severe case is better served by a general operation and rest in bed in a hospital.

This Baby Eats Dirt.

Our baby, who will soon be 2 years old, eats dirt, only occasionally now, for she understands perfectly well that she shouldn't do it, and I am giving her everything to eat that I think a baby of her age ought to have. I have always fed her carefully, and she is now a very sturdy little person, active, good color, regular gain in weight, and has 18 teeth, cutting six of them last summer with no trouble at all. From the time she was 3 months old until she was past 15 months, I had to feel my way carefully, inch by inch, with her feeding, for we simply could not make her grow. She was normal at birth, and developed splendidly until, at 3 months, I had to feed her from a bottle.

Now, why did she, just as soon as she began to walk about out of doors, eat dirt by the handful? Was it the lack of some element in her food? If so, what was it and is there anything that will supply it? I am satisfied that we are past the difficulty but it is an unsolved problem and I can't let it rest. I will be glad for as full an answer as you can give about dirt-eating babies generally. I think it will be interesting to other mothers who have had the same experience.

MOTHER.

The dirt-eating habit in young children is undoubtedly prompted by a lack of mineral salts. Your baby's history indicates this. The dirt-eating is not a cure for the condition, simply an expression of the craving. In the South, it is much more common and is often associated with hook-worm disease. The treatment is not to allow children to eat dirt and to let the doctor prescribe corrective medicines or diet. I think that your baby, having acquired the habit, must still be watched carefully until entirely broken of it, for it is very dangerous to health.

Salts and the Blood.

Are salts injurious if taken often? If so, how? Will salts dissolved in water and used externally reduce flesh? What effect does vinegar have on the system?

O. B. B.

Salts drain the watery elements of the blood and if taken in excess impoverish the blood supply. Epsom salts

is used as a flesh reducer but the effect is temporary. Vinegar has no particular effect upon the system, but induces a temporary excessive acidity of the stomach. Like everything else it may be taken to excess.

A Throat Specialist.

You say an honest man won't operate, unless necessary, for catarrh. I have catarrh and it is very annoying. Could you give me the name and address of a good, honest throat specialist?

MRS. C. A. W.

I surely could. But as I am not allowed to give free advertising in this column, you will have to send me a stamped envelope for reply.

Mrs. E. F. N.—Your symptoms suggest acidosis. I cannot prescribe a diet on such symptoms as you give, but it will pay you to have a laboratory examination of your blood, urine and stomach contents and a prescribed diet then given to which you will adhere strictly. I am quite sure that you must cut your sugars to a minimum and also that you must drink more water.

M. S. P.—The many and varied symptoms that you quote indicate that your trouble is chiefly in the nervous system. My suggestion is that you take every opportunity to live out of doors and that you do the outdoor work that most attracts you. Let it be hard enough to keep you busy without wearing you out. Do not stay too closely to a vegetarian diet. Eat eggs and meats, especially fats, and drink milk. Don't worry. You will soon be as well as anyone.

A.B.—Question 1—You could not do it without his consent.

Question 2—The probability is that it would greatly improve him in body and mind.

Good Oats Straw in Republic

BY D. M. HESSENFLOW

The oats straw is almost equal to hay in feeding value this fall. It is entirely free from rust and has as fine a color as any I have seen for some time, and the horses relish it more than the prairie hay. I fill their mangers almost full of the straw and give every horse a bundle of fodder, for the night. I feed no grain only what little they get out of the fodder except in the morning, when I give them 1 gallon of oats and refill their mangers with straw. They seem to be doing well on this ration so I will continue it for a while.

The feed rack in the lot is kept full of straw, also, so with what grass there is left in the pasture and the straw they seem to enjoy themselves. Corn is ripening slowly this fall, about two weeks later than common, so that will make a very late stalk field for the stock. I am glad now that I cut up some fodder. I bought a fair sized straw stack from a neighbor, just threshed, so with the fodder there will be enough feed until we get a stalk field.

Our hens are just thru moulting so they will start to laying again before long. We are just training the young chickens to roost in the hen house, and are quite late about it compared with other years, but we have had no cold rains or storms to scare us into it this fall. Our chickens will not get any wheat this winter in their feed, but we intend to feed them bran and shorts.

I read the Farmers Mail and Breeze of February 17, 1917, today, and noticed where I stated that hogs had "broken the record" for this county at \$11.75 a hundred. I am amused at that statement now with hogs selling for around \$18 a hundred. If the war continues, and there are indications that it will, I am wondering what price will be paid February 17, 1918. What few hogs we had this season received but little corn; their main feed consisted of soaked oats and shorts, allowing about a quart of oats and a pint of shorts to every hog with the slop from the house and the surplus skim milk. They seemed to do as well on this feed as if they had been fed corn and plain water.

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Arthur Capper has made a great record as governor, has stood unflinchingly for his principles and secured the enactment of a great deal of very fine legislation. At the same time his principles correctly interpreted the best thought of the state and even persons who did not agree with his views were won to his support by the kindly but effective way in which he secured results.

As it stands today he has the good will of all factions in Kansas that want to be half fair, that belong to the Republican party. More than that he has become a commanding figure in the affairs of the country. He has been first among the governors to express the attitude of the great majority of the people.—Manhattan Tribune.

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FARM ANSWERS

Scours With the Colts.

What causes scours with colts? How can this disease be controlled?
Republic Co. G. B. K.

A most common cause of scours in foals is when they get too much milk at irregular intervals; consequently better management is the first step in remedying the trouble. Castor oil often is used to check scours, 1 or 2 ounces being the dose for young foals. Raw eggs also are used successfully. Blood meal is considered one of the best remedies, the quantity used being one-tenth to one-sixth of the grain ration. Powdered tannic acid also gives quick relief, the dose being 5 to 15 grains. For other than a mild case a competent veterinarian should be consulted.

How to Control Rust.

How can wheat and oats rust be controlled?
Marion Co. O. H. M.

We do not treat oats or wheat for rust, but rather for smut. Rust is a disease which we have so far been unable to control, except that some varieties have less trouble with it than others. Perhaps the best control of rust is to be found in sowing the earlier maturing varieties—grain that ripens before the seasonal conditions favorable to rust occur. Since rust is a disease of the stem, which virtually girdles the stem and cuts off the flow of sap, this sowing of early maturing varieties is a very important part in the war against rust.

Honey from a Box Hive.

I have a stand of bees in a box hive. How can I take honey from this hive without injury to the bees?
Clay Co. MRS. E. R.

It is a difficult matter to do this before cold weather sets in and brooding ceases, as there will be young bees in the hive during all this time. However, if you can look into the hive at all, perhaps you can find pieces of comb which have honey only and no young bees. Bee keeping of this sort is very unsatisfactory. I would advise that you get some hives with movable frames and plan on transferring these bees. Then you will save all of your bees as well as the honey, and have the bees in a hive which can be examined at any time.

One good method of transferring the bees would be to turn the hive wrong side up. Place on top of this the new hive with frames and full foundation wired. After doing this, blow considerable smoke in at the opening and pound the sides of the hive vigorously several minutes. Next, put a queen excluder between the old hive and the new one and examine the new hive to see if the queen is above the queen excluder. If she is, then your task of

clinging the body and including the forelegs.

The Hampshire in general appearance is rather upstanding on legs that are fine-boned but of good quality and strong, with strong and upright pasterns. The body is not very broad, but deep; the jowls are light, the head small, the snout rather straight and medium in length. The head is narrow, the ears set close and extending forward, but not breaking. The shoulders are smooth and well set, the back is strong and arched, the hams are deep and broad, but not very thick. In quality, the flesh of the Hampshire has a high reputation. It has made a good record in the dressed-carass competition at the International Live Stock exposition at Chicago. The flesh is of good grain with a desirable percentage of lean to fat.

The Hampshire possesses good early maturing and feeding qualities, and the sows are prolific; the breed also is a good grazer. Owing to the fact that the Hampshire has only recently come into prominence, its value for cross-breeding is not well known, but it seems reasonable to suppose that it should cross well with fat types of hogs. In breeding condition mature males should weigh 500 pounds, mature sows about 400 pounds.

The secretary of the American Hampshire Record association is E. C. Stone, 703 East Nebraska Avenue, Peoria, Ill.

Fall Work in Gardens.

What should be done now in a garden to get it in condition for next spring?
Shawnee Co. J. K. G.

It is a wise plan in Kansas to decide on the location of the garden in the fall, so that needed preparation can be given the land before spring. In fact, some soils, especially those covered with a heavy sod, cannot be depended on to grow many vegetables successfully if preparation is delayed until spring. First, all stones, tin cans, brick bats, rubbish, and weeds should be removed or burned; it is an excellent idea to burn leaves and other trash on the land, since this process adds potash and lime and at the same time destroys some insects and plant diseases.

For success in vegetable growing the soil must be made very rich. Market gardeners often use as much as 40 tons of manure an acre every year, and other fertilizers in addition. This is at the rate of almost 2 pounds of manure for every square foot. If the manure is available it is well to apply somewhere near this amount. If possible, manure should be spread in the fall and spaded or plowed under. If it cannot be applied until spring, a well-rotted manure should be used, if possible, since fresh manure at this time may prove injurious.

Plowing in the fall not only helps to rot the manure, but also improves the physical condition of the soil and destroys many weeds, insects and diseases. In addition, it simplifies spring work, for except in hard, clay soils, fall-plowed land need not be reworked in the spring for such early and shallow-rooted crops as radishes, lettuce, spinach, onions and beets.

Feeding Mares After Foaling.

What feeds should be given the mare and foal after the colt is born?
Ford Co. D. B. C.

The mare should not be fed heavy grain or hay for the first 24 hours after parturition, and the first feeding should consist of a bran mash with a little cooked flaxseed meal in it. A little oatmeal soaked in warm water also is appropriate. If the mare is constipated give laxative feed. In two or three days, if doing well, she may be put back on dry feeds. In a week, if she is put back to work, she can have full feed. The mare may be put in harness, if light work is done, two or three days after foaling, but it is hard on the foal and may injure the mare's udder. It is best to turn the mare and colt in a lot where they can exercise and yet be quiet, but care should be taken at first to see that the foal is not chilled by staying out too long in cool, disagreeable weather or by lying on cold, damp ground. They should not be on grass if the mare has not been on grass before.

In a little more than a week the mare may be safely put to work provided she previously had been worked. If the foal is left in the stall, the mare should be brought to the stable in the middle of the forenoon and afternoon in order that the foal may get its food, but in no case should a foal suckle a mare that is very warm, as digestive disorders are likely to follow. If possible, do not use the mare for purposes which will keep her away from the farm for a long time, as the foal will either go too long without nursing or else will be worn out by following the mare. When left at the stable the foal should be kept in a roomy, clean box stall in company with another one of about the same age if possible.

At about 2 months of age the foal will take dry feed, which should be supplied thru the dam's grain box. This makes it necessary to furnish her with such feeds as ground oats, corn meal and bran. A little later on a "creep" should be built in the stall or pasture, inside of which the foal can be supplied with grain without having to share it with its mother. A creep is simply a partition that will keep the mare out of the enclosure, but which is far enough from the ground so the foal can walk under it. A handful of ground oats should be given at first, and the quantity should be increased slowly as the foal grows. The maximum amount should be about 1 pound a day till weaning time.

While we are talking about substitutions, let's replace the prairie dogs and ground squirrels with livestock.

transferring is nearly completed. If not above, repeat the operation until she does go up there. In 21 days all the young bees in the old hive will have emerged, and it may be broken up and the old wax saved. You will then have your colonies of bees in movable frames, so that you can examine them at any time and watch all of their operations. If there was considerable honey in the old box hive, you may put this in an empty super above the new hive and allow the bees to stir it in the new frames.
K. S. A. C. J. H. MERRILL.

History of the Hampshires.

Where did the Hampshire hogs come from?
Osage Co. H. N.

The Hampshire hog originated in the English county of the same name, and was introduced into the United States during the first half of the last century. This breed is sometimes classed between the fat or lard hog and the bacon type, but most breeders consider it as belonging to the former class. The Hampshire has made rapid progress of late years, but in comparison with the older-established breeds the number in any one state usually is not large, owing to the fact that the breed has only recently come into prominence.

The most characteristic feature of the Hampshire is the white belt around its body, including the shoulder and front legs, while the rest of the body is black, some individuals being entirely black. The most popular color, however, consists of black with a white belt from 4 to 12 inches wide encir-

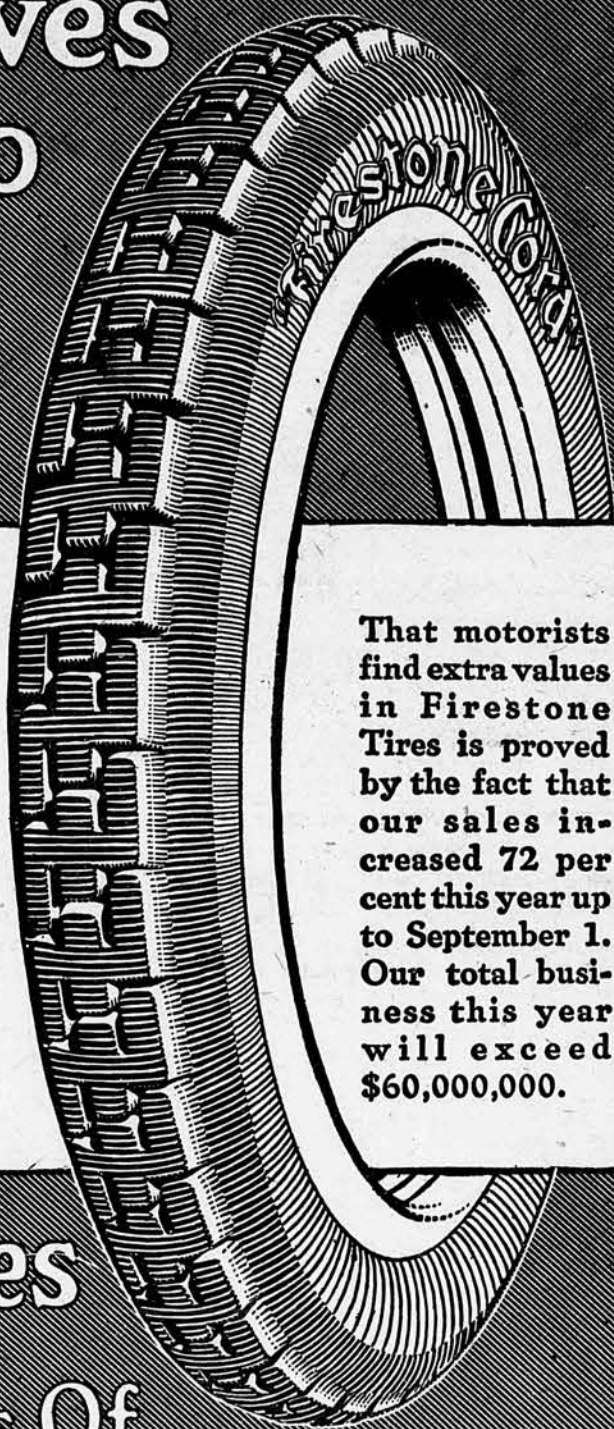
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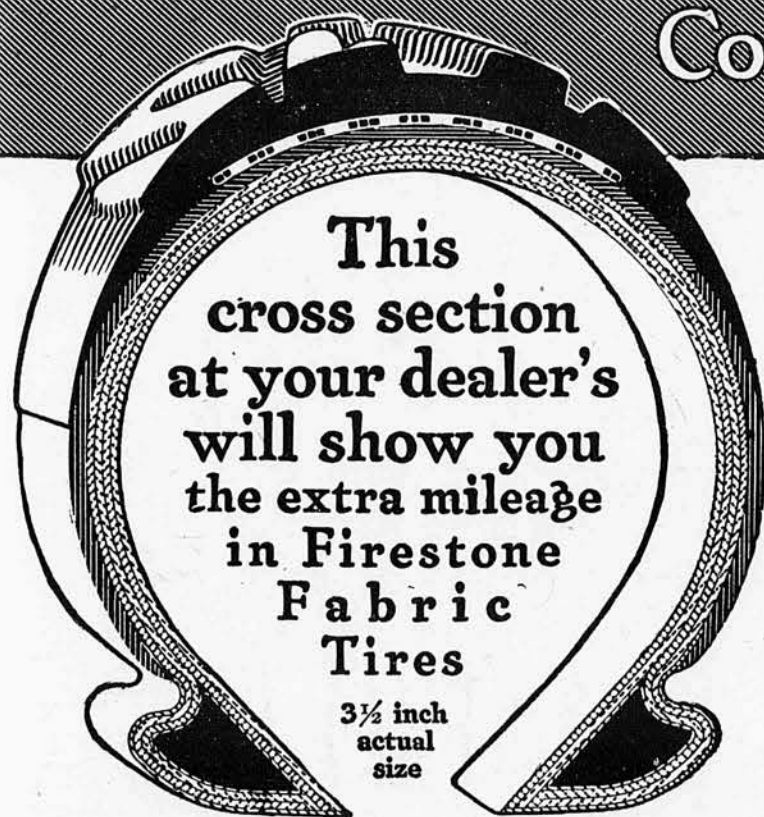
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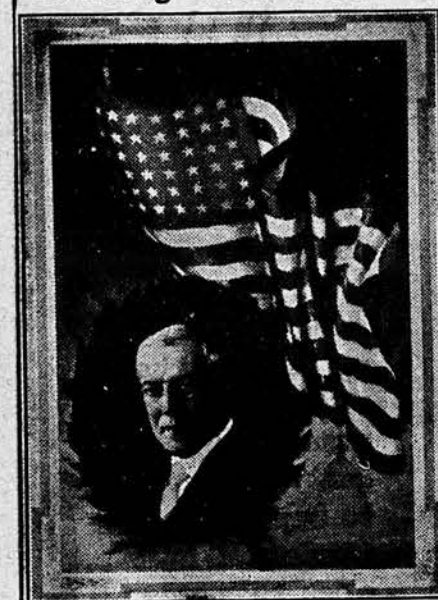
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Sunday School Lesson Helps

BY SYDNEY W. HOLT

Lesson for November 4. Defeat thru drunkenness. 1 Kings 20:1-21.

Golden Text. Let not him that girdeth on his armor boast himself as he that putteth it off. 1 Kings 20:11.

All over the world where the International Sunday School lessons are followed, this Sunday is Temperance day and the stories of Ahab, king of Israel, and Benhadad II, king of Syria, are used to tell us about one very old time defeat thru drunkenness.

As compared in time with our last week's lesson, this story dates nearly 425 years before Ezra came to Jerusalem.

Omri, the father of Ahab, was one of the most important kings of Israel. He reigned 12 years. Among his political designs he made an alliance with the Phoenicians and to make this alliance doubly sure, his son, Ahab was married to Jezebel, the Phoenician royal princess. He saw the advantages of Samaria as a capital site. After moving to that city, he enlarged and fortified it to such an extent that even after the end of his dynasty, the Assyrians called the surrounding country "the land of the house of Omri."

Ahab's reign was from about 875 B. C. to 853 B. C. From a secular viewpoint he was an able and energetic man, but judged by the Hebrew standard of religious ideas he was a dangerous patron of foreign gods.

This was due to the influence of his wife, whose father was a priest of Astarte, as well as a Phoenician king. The worship of this deity changed with the seasons but was at all times a sensual shameful thing in the eyes of all the true Israelites. All thru his 22 years' reign, the influence of Jezebel was especially strong in combating the worship of Jehovah.

She was a woman of strong will and her unshrinking activities remorselessly brushed aside anything which interfered with her designs.

It is quite clear that Ahab had no idea of displacing the worship of Jehovah among his people, for he gave to his children names which indicated his loyalty to the God of his fathers. But to please Jezebel he allowed her to introduce and foster the worship of Baal or Astarte. Her excuse seems to have been that by such worship she could more easily introduce her own country's advanced civilization.

Joining the kingdom of Israel on the north was the kingdom of Syria, which at that time, under Benhadad II, was the most powerful nation on the Mediterranean coast. Damascus was the capital of the Syrian kingdom. This city is most desirably located and is one of the oldest. Its history begins in remote antiquity.

But Benhadad was not satisfied with just his own riches and made himself a most troublesome neighbor. He saw the weakness of Ahab's kingdom with its religious difficulties and envying the city of Samaria its great wealth and luxury and the waving fields of grain, so near to harvest time, he decided to make a raid on Israel.

Consequently he called together all the available men in his kingdom and the smaller tribes which were in alliance with his kingdom and they ravaged the villages of Israel, taking whatever pleased their fancy.

Ahab, altho he had once been a brave soldier, weakly yielded, for his army was small.

Then Benhadad made a second demand more insulting than the first one. In desperation Ahab summoned a council of the chief men of the land. These advised him not to submit to Benhadad, who was boasting that Samaria was as dust in his hands.

In his tent the 38 kings of his petty provinces were drinking with Benhadad when word was delivered to him that Ahab refused his second request. This news so angered him that he ordered an array of his army.

War campaigns were undertaken in the spring and summer months, but the burning Syrian sun usually stopped the fighting during mid-day.

Led by Ahab, his little band left Samaria in time to reach the Syrian camp at noon time and surprised that army, whose thousands of soldiers were taking their noon day rest. With chariots and war steeds unharnessed they were totally unprepared for the

onslaught of Ahab. At the first encounter fear and panic flung the Syrians into utter confusion.

Benhadad and his officers were so drunk from their heavy drinking bout that they were unable to give coherent commands or confidence to their men, and so this wonderful big army met defeat. A few brave men, with heads clear from wine, had dared to venture at an unusual time and captured an army, whose boastful leader was drunk.

Kafir Seed Was Selected

BY W. H. COLE

We gathered our kafir seed this week. In selecting the heads we endeavored to pick them as nearly alike as possible.

In going thru the field we took only one row at a time and were careful to select the heads from stalks of about the same height. Heads that were too bushy or short or unfilled at either the top or bottom were given the go by. Owing to the rush of work we shall be unable to select our cane seed until after it is in the shock, but we were not so much concerned about it as about the kafir for it is not so important a crop. We believe the half day which was spent in gathering the seed kafir was a half day well spent.

At this season when the mornings are cool it seems to be natural for us to wish for a taste of fresh meat. Acting in accordance with this desire we shut up a porker recently and are giving it pretty good attention. When the weather becomes cool enough so we can butcher it without danger of the meat spoiling we shall let the other work rest for half a day while we hand the meat trust a jolt.

The last of the prairie hay in this vicinity was cut last week. Not having been in any of the meadows where this

late cutting was being done we do not know what condition the hay was in, but it has long been our idea that hay which was cut after frost did not possess any great amount of feeding value. The hay crop is too valuable for one to wait until there is danger of the frost getting it, for not only does a freeze impair the nutriment but it also spoils the appearance of it for market. We hear that the local market demands pea green hay, and if that is the case it means that the late cutting will have to be fed at home.

There are a great many grasshoppers yet alive and they are making their marks along the edges of the earlier sown wheat fields. Perhaps the plants which they eat off will not be killed. The most of the "hoppers" that are in evidence now are the large winged sort that came in from elsewhere two weeks ago. For two days the air was full of them and many farmers feared a real invasion of the pests, but the number that came is entirely too small to cause

Give It to Them Straight

Ohio votes on constitutional prohibition November 4, and in that state the liquor interest is filling the mails and the advertising columns of newspapers with all sorts of fake statistics and abusive slander about Kansas. To offset this typical booze campaign, every member of Topeka's Ohio club is writing to friends in Ohio declaring their own and Kansas' entire satisfaction with prohibition and enclosing a printed card giving some of the striking results of the Kansas law. Thousands of other Ohioans in Kansas also will write. There is no better way for Kansas to help Ohio free itself from the clutches of the saloon. Let every Kansas man and woman who has a friend or an acquaintance in the Buckeye state be heard from. Give it to 'em straight.

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any concern. The first hard freeze will put them out of business.

Last summer the children, while in a playful mood, fastened two light steel wheels, about 30 inches high, to a steel shaft about 3 feet in length, and for a few days had a great time with it. However, the thing soon got old to them and they discarded it, but we find it one of the handiest things imaginable for moving heavy hog troughs or timbers. By lifting one end of the object to be moved and running the wheels under so that the weight rests on the axle the object may then be moved easily wherever desired with far less backache than with the overworked arm-strong method.

The bulk of the wheat is being put into the ground this week. To some men who are used to earlier seeding this date seems late indeed, but on account of the Hessian fly the earlier sowing is unsafe here. Of course where one has many calves, sheep or even swine the earlier sowing would afford them pasture, but it is better to follow the advice of the Kansas State Agricultural college and drill the wheat after October 15.

Liberty Wheat Crop Coming Up
Early sown wheat is up in many localities, and is doing well. Seeding is about finished, except where there has not been enough rain. Heavy frosts are putting the corn in fine condition to husk. Rough feed is now being put up.

Osborne County—Weather dry and windy. Wheat sowing has been finished, but last sowing will not come up until it rains. Farmers report early sowing is dying from lack of moisture. Killing frosts have greatly damaged cane and kafir.—W. F. Arnold, Oct. 20.

Lyon County—Farmers finished wheat sowing and some fields are up and look well. Early sown cane and kafir is heading nicely. Feterita is a better crop than kafir. Stock taken from pasture is in good condition. We have had three hard freezes that killed all vegetation. Alfalfa \$24; wheat \$2; corn \$1.—E. R. Griffith, Oct. 21.

Labette County—We had a hard frost October 18 that got some of the kafir. A large acreage of wheat has been sown and is coming nicely. Corn is doing well in some parts of the county and in others is making only half a crop.—Wilbert Hart, Oct. 20.

Scott County—Weather is fine and feed nearly all up. We have about 25 per cent of the wheat crop yet to sow. A few silos have been filled. Grain is scarce. Farmers interested in dairy and poultry. Stock in good condition for the winter. A good many horses are being sold.—J. M. Helfrich, Oct. 13.

Pottawatomie County—Several heavy frosts have visited us lately. Farmers busy shipping hay and rough feed will be scarce. Quite a lot of corn will be soft. Some are offering \$1.10 an acre for stalks with no takers. Help hard to get and prices as high as 11 cents a bushel offered for husking corn. The yield will average 15 bushels on high land here.—S. L. Knapp, Oct. 19.

Linn County—Farmers have been busy filling silos for two weeks. Wheat nearly all in the ground, some is up and looking fine. Lots of rough feed is being put up, such as fodder, kafir and cane.—A. Markley, Oct. 20.

Morton County—Broomcorn cutting is about over and maize is mostly all cut, but a lot of kafir still to be taken care of. The ground is too dry for wheat, and many farmers will not sow until it rains. Grass is in fine condition for winter pasture.—E. E. Newlin, Oct. 19.

Harvey County—A good shower October 17 helped the wheat considerably. Livestock doing well, but prices on hogs and cattle are slumping. Butter 30c to 40c; eggs 36c; potatoes \$1.40; sugar \$8.25.—H. W. Prouty, Oct. 20.

Geary County—Weather is too cold to do much right now. An inch of rain October 18 was followed by a hard freeze. Stock is selling well at sales. Corn maturing slowly but is not ready for the crib. Feed will be high this winter. Fat hogs scarce and not many fall pigs.—O. R. Strauss, Oct. 20.

Books County—A hard frost October 7. Everyone has been busy since taking care of the feed. Early sown wheat is up and doing nicely, but late sown will not come up until it rains. Apples, peaches, cabbage and potatoes being shipped in.—C. O. Thomas, Oct. 19.

Stevens County—Wheat seeding is about over. Farmers have begun to cut kafir and maize. A frost October 13 caused these grains to ripen rapidly, but help is so scarce and high, unless farmers get a good price for it, it will not bring much money into the county. Weather is nice, with some wind. Stock is doing well. Live hogs 16c; butterfat 48c.—Monroe Traver, Oct. 17.

Clay County—Wheat needs rain badly. We had two showers this week followed by a cold wave. The heavy frosts are putting the corn in fine condition to husk.—H. H. Wright, Oct. 20.

Ford County—Several heavy frosts this week. Rain is needed badly for the wheat. Feed nearly all put up and scarce in parts of the county.—John Zurbuchen, Oct. 20.

A Bull's Worth
Many a great sire has never appeared in the show ring. A bull's value should be estimated by his usefulness as a sire. To be sure an animal may be of real value for show purposes, but that is of a temporary nature.

A kerosene lamp is a small thing, but the city of Chicago was once destroyed by one.

New Corn Crop Lowers Hogs

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

A disastrous fire at the Kansas City stockyards, high record receipts of cattle in Chicago and a big decline in hog prices were outstanding features in the livestock trade last week. Hog prices were set back \$1.60 to \$2, and closed in the lowest position for some months. The market showed a heavy tone the entire week, and the largest decline, a drop of 50 cents to \$1, occurred on Friday. Prices Saturday ranged from \$15 to \$16.70. The market is undergoing a price revision. Packers feel that with a record-breaking corn crop at the disposal of feeders, receipts of fat hogs in 1918 will exceed the supply in 1917, and to put up cured meats at present prices would not be justified by such prospects. No packers expect cheap hogs for several years, but they do expect further reductions compared with the present extreme prices. The movement is increasing moderately, and more good hogs are coming now than a month ago.

Receipts of cattle Monday exceeded 42,000, and were the second largest on record for one day. Indications then were that the week's supply would exceed the preceding week's, but Tuesday morning 25 acres of the cattle pens, six scales, numerous hay barns and the entire double deck hog yards were destroyed by fire. This calamity made it necessary to send many cattle intended for the local market elsewhere and some cattle en route were turned back. However, within eight hours after the fire started trade was resumed on a limited scale and showed expanding capacity on succeeding days. Repairs to the yards are well under way and by utilizing the north holding yards and the quarantine division liberal receipts can be handled next week.

In the fire 11,500 cattle and 3,200 hogs were burned and about 16,000 cattle lost ownership identity by becoming mixed. The mixed cattle were sold at auction Friday and Saturday and the entire supply cleaned up, leaving an open yard for this week's business. Shippers suffered almost no loss in the fire, as the Live Stock Exchange holds blanket insurance up to \$150 a head in favor of the owners of stock.

Cattle prices declined 25 to 50 cents Monday. A good many sales on Thursday were quoted 25 cents higher than Monday, and steady to 25 cents lower than late the preceding week. Price changes for butcher cattle were about the same as for steers.

Probably the maximum movement of cattle is over for this year, but indications are that the run from the ranges will continue until after the middle of December. The top price for steers last week was \$15.75. Some fat cattle, mixed in the haste to save stock from the fire, sold Thursday at \$14.75. Most of the killing cattle brought \$8.50 to \$11.50, and the mixed fire cattle, stockers and feeders sold at \$7.25 to \$9.50.

Sheep prices were quoted off 25 cents, and receipts were fairly liberal. Demand for feeding lambs was less urgent, and they sold slightly under fat lambs for the first time in some weeks. Western flockmasters are making final shipments of grass fat lambs, and going into winter quarters with breeding flocks. It is claimed that there is a material increase in the number of ewes held thru the winter.

Little progress was made last week in determining the value of the new corn crop. Scattered bids were sent out to Southern Missouri and Kansas and Oklahoma from Kansas City asking for corn for November and December shipment generally at 3 to 5 cents over the December quotation, but only a few purchases were reported and buyers at country stations say few farmers are willing to enter into any contracts for the delivery of new corn.

Husking is proceeding over a steadily widening area, and the weather has been favorable.

Increasing quantities of corn are moving in the South, where the crop is large, showing an increase over last year of 173 million bushels, or 40 per cent, in the states of Kentucky, Tennessee, Georgia, Oklahoma, Mississippi, Louisiana and Arkansas, the Texas crop is 52 million less than last year, a decrease of 40 per cent. Reports from Memphis say offerings are heavy and prices are around \$1.20 to \$1.30. It would seem that such prices there would result in a movement to Northern markets, to relieve the acute scarcity of old corn in commercial channels, but no such movement has started, and carlot prices of old corn advanced 4 to 6 cents last week, ranging in Kansas City from \$1.87 to \$2.10, with the big premium on white corn.

It is worth recalling that just a year ago carlot prices for corn reached \$1 a bushel in Chicago for the first time in nearly 50 years, and the December price rose above 80 cents. These were considered sensational prices at the time, but so great has been the change in view of values since then that, with a crop 600 million bushels larger than last year, farmers are slow to sell on the basis of considerably more than a dollar for December delivery.

Arrivals of wheat at market centers showed a moderate increase last week. Kansas City receipts, 496 cars, were sufficient to keep mills here running nearly full time and a few cars were diverted to outside mills.

In the Northwest mills under orders from the food administration are operating only 60 per cent of their normal run, so as to permit the shipment of as much wheat as can be supplied for use to Eastern mills before lake navigation closes.

The food administration allotted large orders for export flour last week, including 250,000 barrels to mills in the Kansas City zone, to be shipped next month.

Carlot prices for grain at Kansas City Saturday were:

Wheat: Official fixed prices, Dark Hard Wheat: No. 1, \$2.19; No. 2, \$2.16; No. 3, \$2.12. Hard Wheat: No. 1, \$2.15; No. 2, \$2.12; No. 3, \$2.09. Yellow Hard Wheat: No. 1, \$2.11; No. 2, \$2.08; No. 3, \$2.05. Red Winter Wheat: No. 1, \$2.15; No. 2, \$2.12; No. 3, \$2.09. Soft Red Wheat, "Onions": No. 1, \$2.13; No. 2, \$2.10; No. 3, \$2.07. Corn: No. 2 mixed, \$1.89 to \$1.90; No. 3, \$1.87 to \$1.88; No. 4, \$1.85 to \$1.87. No. 1 white, \$2.10; No. 2, \$2.09 to \$2.10. No. 2 yellow, \$1.89 to \$1.90. Ear corn, new, poor, \$1.30. Oats: No. 2 white, 60c; No. 3, 59c to 59½c; No. 4, 58c to 59c. No. 2 mixed, 58½c to 59c; No. 3, 58c to 58½c. No. 2 red, 60c to 65c; No. 3, 59c to 63c.



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DOGS.

FOR SALE—FULL BLOOD ST. BERNARDS. Pups, male, \$10. John Theiner, Hooker, Okla.

FOR SALE—SCOTCH COLLIES. SIX weeks \$5. Six months \$10. Frank Barrington, Sedan, Kan.

SABLE AND WHITE SCOTCH COLLIES from Registered Healers. Seth Sylvester, Burlington, Kan.

WANTED—A SCOTCH COLLIE. THOROUGHLY broke on all live stock. John Peterka, Cuba, Kansas.

SCOTTISH TERRIERS. GREAT RAT, watch, pet, stay home little dog. Price \$1st 5c. Wm. Harr, Riverside, Iowa.

FOR COYOTE AND RABBIT COURSEING. Russian and Grey Cross pups \$7.50 each. Satisfaction guaranteed. Idle-hour Kennel Company, Guymon, Okla.

MALE HELP WANTED.

WANTED—TWO MEN TO WORK STOCK and grain ranch. Will give long lease. Box 57, Tuttle, Colo.

MAN—TO WEAR FINE SUIT, ACT AS agent; big pay; easy work. Banner Tailoring Co., Dept. 738, Chicago.

WANTED MARRIED MAN WITH SMALL family for farm work. Work year around. N. E. Copeland, Oakland, Kan.

WANTED, MAN WITH SMALL FAMILY for farm work, steady employment for right party. State wages, etc., wanted. Henry Murr, Tonganoxie, Kan.

FARMS WANTED.

I HAVE SOME CASH BUYERS FOR SALEABLE farms. Will deal with owners only. Give full description, location, and cash price. James E. White, New Franklin, Mo.

STOCK HARDWARE AND IMPLEMENTS, also store building 65x80 feet with basement and ware room 25x150 feet. Will trade for Eastern Kansas land. Geo. W. Fleischer, Hoyt, Kan.

EASTERN KANSAS FARM WANTED FOR fine new six apartment flat. Income \$3180 per year. Price \$30,000. Clear. What have you? Chester A. Nofftz, 637 Reserve Bank, Kansas City, Mo.

LANDS.

FOR TRADE—80 ACRES, WANT LARGE gas tractor. S. B. Vaughan, Newton, Kansas.

BIG RANCH BARGAIN SOUTHWEST Kansas. Write Owner, care Mail and Breeze, Topeka.

"HOWDY FOLKS!" 80 ACRES SMOOTH land; 76 cultivation; well improved, near town; \$2,000. Many others. Scott, Mountain View, Mo.

WANTED—A CORN AND DAIRY FARM, furnished, to work on shares. Plenty of help; best of reference. Address Farmer, care Farmers Mail and Breeze.

FINE FARM, 320 ACRES, GOOD IMPROVEMENTS, two-thirds valley land. Alfalfa, blue grass and other crops. Wife in poor health. Must sell. Address owner, F. E. Bishop, Parsons, Kan.

I HAVE TO SELL MY 120 ACRES, GOOD farm, well located, 1/2 mile school, 5 town; 60 cultivation; timber. Might trade my equity for stock. C. Boling, Emmett, Kan., Pottawatomie Co.

BEAT HIGH COST OF LIVING ON WELL improved 40 acres. Near good market and schools. Or a big 11 roomed house, 12 lots; or 7 roomed, 5 lots, adjoining school block. Snap. Address M. M. Dick, Meade, Kan.

430 ACRES, IMPROVED, ALL LEVEL land, 250 in cultivation, 80 acres meadow, rest fenced in pasture; the best wheat land in Scott county. For quick sale price \$12.50 per acre. Am owner of this land. A. B. C., care Farmers Mail and Breeze.

LOOK HERE. \$10,000 BUYS THIS FINE farm, good house, barn, granaries, sheds, silo, hen house, cellar, cistern, well, windmill, spring; 120 in cult.; 4 miles county seat. Also fine 80 with 2,500 worth of imp., only \$6,000. List free. O. K. Realty Co., Newkirk, Okla.

YOUR CHANCE IS IN CANADA—RICH lands and business opportunities offer you independence; Farm lands, \$11 to \$30 acre; irrigated lands, \$35 to \$50; Twenty years to pay; \$2,000 loan in improvements, or ready made farms. Loan of live stock; Taxes average under twenty cents an acre; no taxes on improvements, personal property, or live stock. Good markets, churches, schools, roads, telephones; Excellent climate—crops and live stock prove it. Special home-sellers' fare certificates. Write for free booklets. Allan Cameron, General Superintendent Land Branch, Canadian Pacific Ry., 14 Ninth-av., Calgary, Alberta.

FOR SALE.

BALE TIES AT WHOLESALE PRICES. A. B. Hall, Emporia, Kansas.

HONEY—BULK COMB. TWO 58-LB. CANS \$16.00. One can \$8.25. R. A. Hopper, Rocky Ford, Colo.

FOR SALE, ONE NEARLY SANDWICH 4 hole corn sheller and 7 horse engine, a bargain. Jno. E. Hoeglund, Hesston, Kan.

FOR SALE OR EXCHANGE, HOTEL AT Whiting, Kansas. Doing a good business, well located, two R. R. Address, Box 206, Whiting, Kan.

FOR SALE—90 TONS SILAGE, 55 A. CORN and kafir fodder, straw. Furnish lots, shed, man to feed. Write Geo. W. Van Horn, Nickerson, Kan.

TWO STORY RESIDENCE, EIGHT LARGE rooms and hall. Fine shade, three lots and small barn. Ideal home. Two thousand dollars. Terms. J. A. MacDonald, La Harpe, Kansas.

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

NEW CROP PEAS FOR TABLE USE. Whippoorwill per pound 8c, Black eyes, 11c, cream 12c. Express prepaid in 50 pound lots Oklahoma and Kansas points. Terms are cash with order. No parcel post or C. O. D. business accepted. Reference Merchants & Planters Bank. J. W. Rhone, Winsboro, Texas.

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PATENTS OF MERIT CAN BE SOLD BY our system. For further particulars write American Investment Co., 900 F. St., Washington, D. C.

SEND FOR FREE BOOKLET, "ALL ABOUT Patents and Their Cost." Shepherd & Campbell, Patent Attorneys, 734 A 8th St. N. W., Washington, D. C.

PATENTS SECURED OR FREE RETURNED. Books and advice free. Send sketch for free search. We help market your invention. A. M. Buck & Co., 532 7th St., Wash., D. C.

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

IDEAS WANTED—MANUFACTURERS ARE writing for patents procured through me. Four books with list hundreds of inventions wanted sent free. I help you market your invention. Advice free. R. B. Owen, 34 Owen Bldg., Washington, D. C.

PATENTS—WRITE FOR HOW TO OBTAIN A Patent, list of Patent Buyers and Inventions Wanted. \$1,000,000 in prizes offered for inventions. Send Sketch for free opinion as to patentability. Our Four Books sent free. Patents advertised free. We assist inventors to sell their inventions. Victor J. Evans Co., Patent Attys., 825 Ninth, Washington, D. C.

TANNING.

LET US TAN YOUR HIDE: COW, HORSE, or calf skins for coat or robe. Catalogue on request. The Crosby Frisian Fur Co., Rochester, N. Y.

LUMBER AND BUILDING MATERIALS. LUMBER AT WHOLESALE DIRECT FROM mill to you. McKee Lumber Co. of Kansas, Emporia, Kan.

LIVESTOCK COMMISSION MERCHANTS.

SHIP YOUR LIVE STOCK TO US—COM-petent men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on orders. Market information free. Ryan Robinson Com. Co., 425 Live Stock Exchange, Kansas City Stock Yards.

AGENTS.

HERE IS YOUR CHANCE. I HAVE GOOD openings for men in Colorado, Montana, Wyoming, Texas and other western states. Will pay a salary of \$25.00, or more, per week to men who can make good. One bank and two business references required. This work is just starting in the Western States so write today and get choice of territory. Address C. A. Nudson, 635 Capital Bldg., Topeka, Kansas.

MARVELOUS NEW WINNER; DAYLITE mantle oil lights; different from all others; better than electricity; five times more efficient than common lamps; uses common kerosene; burns over 50 hours on 1 gallon; guarantee five years; elegantly finished; to show it is to sell it; men with rigs and autos making as high as \$325 every month; no money; no experience needed; we furnish stock on credit to reliable men; exclusive territory; write quick; get sample for free trial. Daylite Co., 636 Daylite Bldg., Chicago, Ill.

MISCELLANEOUS.

CONTAGIOUS ABORTION PREVENTED BY R. Harold, Manhattan, Kan.

FOR SALE, HEDGE POSTS. CAR LOTS. D. C. Beatty, Lyndon, Kansas.

WANTED TO BUY: HEDGE POSTS CAR-load lots. P., care M. & B. Topeka.

WANTED, HORSES WINTERED, TWENTY to forty head. Rough feed. State kind of feed, accommodations, price. Frank Loomis, Alton, Kan., Osborne Co.

KANSAS CITY BUSINESS COLLEGE. THE great business Training School of the great Southwest. For free catalog address C. T. Smith, 1012 McGee St., Kansas City, Mo.

COLORADO NEEDS 10,000 GENERAL farmers, dairymen, stock, poultry and hog raisers; good markets, fine climate, schools, churches, agricultural and industrial map free. Write State Board of Immigration, 21 Capitol Bldg., Denver, Colo.

WANTED TO BUY HAY, SORGHUM, Johnson grass, Oat Straw, Alfalfa and Prairie hay. Also Maize heads, ear corn, Oats, Cane and Sudan seed. State number of cars you have and price wanted f. o. b. your station. B. E. Miller, Carlton, Tex.

THOUSANDS U. S. GOVERNMENT JOBS now open to farmers—Men and women. \$65 to \$150 month. Vacations. Common education sufficient. Write immediately for free list of positions open. Franklin Institute, Dept. H, 51 Rochester, N. Y.

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

BIG WESTERN WEEKLY SIX MONTHS 25 cents. Biggest and best general home and news weekly published in the West. Review of the week's current events by Tom McNeal. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—25 cents. Address Capper's Weekly, Dept. W. A.-12, Topeka, Kan.

A Special War Semester

Men who stayed out of college this fall to help in the great national food drive will not thereby forfeit their opportunity to go on with their college work. A special semester is the unique educational plan that has been adopted by the Kansas State Agricultural college to give these patriotic young men a chance to go ahead with their studies.

This semester, in which more than 100 courses will be offered, will open Monday, November 12, and will close March 30. It will be therefore of standard length. At the close of this semester students will be permitted, if they wish, to take subsequent courses that will give them half a semester's credits more. Thus, entering in November, a student can get in the present academic year three quarters of an entire year's work.

Many students left college last spring to engage in farm work, and after working thru the summer are staying during the autumn to help out with wheat planting and the harvesting of spring-planted crops. A large proportion of these, it is anticipated, will return for the special semester.

Among the departments in which work will be offered are animal husbandry, agronomy, chemistry, military science, poultry husbandry, bacteriology, dairy husbandry, English, botany, mathematics, horticulture, education, industrial journalism, public speaking, history, physics, mechanical drawing, shop practice and applied mechanics.

Rare Generosity.

"Thanks for this loan. When do you want it back?"

"Oh, as soon as you feel like paying it."

"Good heavens, man! Don't you want it sooner than that?"

Put the farm machinery in first-class order during odd times this winter. An hour spent in repair may prevent later on a day of despair.

BIG BARGAINS IN REAL ESTATE

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

Special Notice

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

FOR CHEAP WHEAT LAND SEE
J. E. Stohr, Ensign, Kansas.

1560 ACRE RANCH, fine imp. Easy terms.
\$15 a. Owner, Box 24, Richfield, Kan.

160 A., S. W. of Copeland, sown to wheat, 1/4
goes. Beard-Hall Land Co., Dodge City, Kan.

320 A. IMP. stock and dairy farm. 120 cult. 2
mi. out. \$45 a. S. L. Karr, Council Grove, Kan.

4 SQUARE SECTIONS, 1st class wheat lands.
Can divide. Parker Land Co., Satanta, Kan.

RELINQUISHMENT: 160 a. imp. Close in.
Write for price. M. E. Stewart, Wilburton, Kan.

WESTERN KAN. LAND. Farm and ranch
lands. \$5 to \$25 a. J. E. Bennett, Dodge
City, Kan.

4 SECTIONS of good ranch land in a body
located about 11 mi. S. W. of Elkhart, Kan.
\$10 a. Earl Taylor, Elkhart, Kan.

320 ACRES. IMPROVED, 3 miles town. 160
a. cult., bal. pasture, all tillable. \$27.50
per acre. H. J. Settle, Dighton, Kan.

GOOD WHEAT SECTION: well located; will
split; some in cultivation. \$25 per acre.
Good terms. C. W. West, Spearville, Kan.

IMPROVED farms and stock ranches, \$10 and
up. Choice unimproved lands at \$7. Write
for particulars. Burton & Son, Syracuse, Kan.

LANE CO. Level, imp., 1/4 section, 4 mi.
Healy, 1/2 in cult.; \$20 an a. Other bar-
gains. Get list. C. N. Owen, Dighton, Kan.

RANCH, 1200 A., 1 mile out, improved. 300
bottom in alfalfa. \$20, easy terms. No
trade. Cliff Tomson, Syracuse, Kansas.

320 ACRES, 275 in wheat, 1/4 goes. 2 mi.
town. \$40 acre.
National Land Company, Liberal, Kan.

SQUARE SECTION, 8 MI. FROM TOWN.
Price \$8 per acre. Write for lists.
J. A. Brooks Land Co., Liberal, Kan.

COFFEY COUNTY hay, pasture and im-
proved farm land from \$30 to \$75 an acre.
Write me what you want.
C. N. Phillips, Gridley, Kansas.

160 A. fine proven oil land; Eastern Kansas,
improved; clover, alfalfa, corn land; 3
miles town; special price for cash. Mansfield
Land Company, 635 Scarritt Bldg., K. C. Mo.

200 ACRES, 160 rich bottom, level, smooth;
all tillable, 155 open. 2 sets imp. 2 mi.
State Normal; rents \$900 last year. Price
\$30 per a. Durham & Co., Conway, Ark.

IMPROVED FARMS. 80 a. 1/4 mi. school, 3
mi. town; \$45 acre. \$1100 down, int. 5 1/2%.
320 acres, stock and grain farm, \$45 acre.
P. H. Atchison, Waverly, Kan.

3600 ACRE RANCH, Pawnee Valley; 350 cul-
tivated. Well improved. Running water. All
tillable. 250 acres wheat; one-third goes.
\$25 an acre. D. A. Ely, Larned, Kan.

DICKINSON COUNTY 160 a., all smooth. 70
in wheat, 1/2 goes. 30 acres grass. Im-
proved. \$80 an acre. Splendid value.
A. R. Pautz, Abilene, Kansas.

160 ACRES, level land in Quaker settlement,
1 mi. school and 1 1/2 mi. church. 10 mi.
R. town; on phone line. Price \$3000.
John A. Firmin & Co., Hugoton, Kan.

320 ACRES, IMPROVED, five miles of Scott
City; 170 acres in wheat, one-half to the
purchaser. \$25.00 per acre.
The King Realty Co., Scott City, Kan.

IF YOU ONLY KNOW IT, the best bargains
in eastern Kansas can be found at Ottawa,
in Franklin County. Write for special de-
scription of 170 acre tract and descriptive
booklet. Mansfield, Ottawa, Kan.

WHEAT LAND, 320 acres, 6 miles town; 160
wheat, share with sale, for immediate
sale; price \$6500. Time on \$2500 if desired.
Shallow to water. Make a fine home.
Buxton & Rutherford, Utica, Ness Co., Kan.

480 ACRES creek bottom and fine blue stem
pasture. 200 in cultivation; alfalfa, some
timber, good buildings. 6 miles town. \$50
per acre. Write for list.
T. B. Gagey, Emporia, Kansas.

262 ACRES, all bottom, no overflow. Corn,
wheat, alfalfa land. Large orchard, fine
buildings, adjoining Medicine Lodge. Price
and terms upon application. Picture if de-
sired. Address owner,
Box 476, Emporia, Kansas.

TEN QUARTERS level wheat land. Price \$15
acre. Will divide place. Owner wants good
clear stock merchandise. Will put in little
cash. J. M. Edmiston, Garden City, Kan.

320 A., imp. \$1600; 120 a. cult., bal. pas-
ture. Phone and school. \$3,300.
640 a. smooth wheat land \$8.50 per acre.
160 acres, up, \$7.00 to \$8.00 per acre.
Western Kansas Land Co., Leoti, Kan.

1000 ACRES FINE WHEAT and alfalfa land,
4 1/2 mi. town; 400 a. in the bottom, creek
and timber. A bargain. Farms and ranches
in Ness and Lane counties.
F. C. Watkins, Ness City, Kan.

1920 ACRE RANCH, well located, in solid
body; wells and wind mills; some fence.
800 acres level bottom, shallow water, all
in grass; priced for quick sale \$12.50 per
acre. V. E. West, Dighton, Kan.

SQUARE SECTION in Seward Co., Kansas.
480 a. productive farm land, bal. well
grassed pasture. Price \$10,000. Terms can
be arranged. Write owners,
Griffith & Baughman, Liberal, Kan.

160 A., 1/4 MI. P. O., church, county high
school, 30 a. cult., 6 room house, barn,
other small improvements. A dandy. Price
\$4,000, carry back \$1,600.
R. E. Colburn, Satanta, Kansas.
(The fastest growing town in S. W. Kansas.)

CHASE COUNTY RANCH.
One of the best 640 a. stock ranches, 8 mi.
from shipping point. 85 a. cult., timber, run-
ning water, fine spring, splendid improve-
ments. 575 a. bluestem pasture; good condi-
tion. \$40 per a. Liberal terms.
J. E. Bocook & Son, Cottonwood Falls, Kan.

640 A., 2 MILES LIBERAL, Seward Co.,
Kan., well improved, no better land in this
county. 550 a. in high state of cultivation.
400 a. wheat, good stand looking extra
fine; 1/4 goes delivered. \$50 a., 1/4 cash, bal-
to suit purchaser at 8% int.
Thompson & Stewart, Liberal, Kan.

165 ACRES POLK COUNTY, MO.
4 mi. R. town; good 7 room house, barn
for 14 head of horses; 7 acres timber; 6 acres
orchard; balance prairie, fine grass and
grain farm, ready to make money; will fur-
nish ten head of cows five years. 1/2 increase
to right party. \$45.00 per acre. 1/4 cash,
easy terms on the balance.
T. A. Pritchard, Collins, Mo.

70 ACRES, located 4 miles of good railroad
town Franklin county, Kansas. All good
laying tillable land; 50 acres in cultivation;
16 acres sown to wheat; nearly new 5 room
cottage; good barn; lots of water; plenty of
fruit; close to school and church. Price
\$5,000.00. \$1,500.00 or more cash; rest 5
years 6%. Casida & Clark, Ottawa, Kansas.

THREE FARM BARGAINS.
320 acres, well improved. All tillable, 3 1/4
mi. Vermillion, Marshall Co., Kan. A bar-
gain at \$85 per acre, on terms.
240 acres, well improved; practically all
tillable, 1/2 mile Lillis, Marshall Co., Kan.
A good buy at \$75 per a., on terms.
Cloud County, Kan. 143 acres, well im-
proved, 120 acres in wheat, some alfalfa. A
snap at \$100 per acre, on terms.
Parish Investment Co.,
Kansas City, Missouri.

NESS COUNTY

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

160 Acres for \$2500

Near Wellington; valley land; good bldgs.;
25 alfalfa, 40 past., bal. cult.; only \$2500
cash, bal. \$100 to \$200 yearly. Snap.
R. M. Mills, Schweitzer Bldg., Wichita, Kan.

A Fine Wheat Farm 320 acres,
Kansas, fair improvements; 230 acres cul-
tivated; all fenced. Best wheat half section
in the county. Price \$12,500. Terms.
Schutte & Newman, La Crosse, Kansas.

Lane County

Write me for prices on farms and ranches,
wheat, alfalfa and grazing lands.
W. V. Young, Dighton, Kan.

\$1800 CASH

makes the first payment on a full section of
land in Greeley County, Kan., good soil, prac-
tically all tillable; balance of \$3000 can run
any reasonable time. This is a bargain.
Write Jas. H. Little, La Crosse, Kan.

WISCONSIN

30,000 ACRES our own cut over lands. Good
soil, plenty rain. Write us for special
prices and terms to settlers.
Brown Bros. Lumber Co., Rhinelander, Wis.

MISSOURI

GOOD CROPS here. 40 a. valley farm \$1000.
Free list. McGrath, Mountain View, Mo.

ATTENTION! Farmers. If you want to buy
a home in Southwest Missouri, write
Frank M. Hamel, Marshfield, Mo.

LAND is always a good investment. Particu-
larly in time of war. We have bargains.
Folk Co. Land Inv. Co., Bolivar, Mo.

320 ACRES BOTTOM, IMPROVED.
200 a. cult., bal. timber. \$40 an a. Write
for list. J. H. Engleking, Diggins, Mo.

NO CROP FAILURES in the Ozarks. Many
good farms for sale. Real bargains. Write
Geo. B. Corn, 420 College St., Springfield, Mo.

FOR STOCK and grain farms in Southwest
Missouri and pure spring water, write,
J. E. Loy, Flemington, Missouri.

POOR MAN'S CHANCE—\$5.00 down, \$5.00
monthly, buys 40 acres grain, fruit, poul-
try land, near town. Price only \$200. Other
bargains. Box 425-O, Carthage, Mo.

BUY A FARM 40 miles south of Kansas City,
at \$50 to \$100 per acre, where wheat
brought from \$30 to over \$100 per acre, oats
\$30 to \$40 per acre, and corn 30 to 50 bushels
per acre. E. E. Hill, Drexel, Missouri.

OKLAHOMA

80 acres, 50 in cultivation, balance timber;
four room house; barn, good orchard, 10
miles county seat. Price \$1000. Terms. Other
bargains. Write for list.
Douglas County Abstract Co., Ava, Mo.

BIG BARGAINS 1040 a. ranch, \$10
acres, \$600; \$50.00 down and \$5.00 per month.
J. A. Wheeler, Mountain Grove, Mo.

ARKANSAS

WRITE for list. Stock, dairy and fruit farms.
Rogers Land Co., Rogers, Arkansas.

160 ACRES, 80 cult. Orchard. No rocks. \$20
acre. Robert Sessions, Wintthrop, Ark.

80 A. 3 MI. R. B. STATION; 50 a. cult. Good
improvements; good water and orchard.
\$2,000. Terms. Wallace Realty Co., Leslie, Ark.

320 A. 4 MI. TOWN; imp. Some bottom, fine
grass. Woven wire fence; spring water.
Fine stock farm. \$15 an acre. Terms.
E. H. Fair, Centertown, Ark.

240 ACRES, IMP., PART CULT.
\$5 a. if contracted for in 20 days. Good
pasture. Plenty of water. Other farms.
Austin & Crane, Gravette, Ark.

40 A., 4 room house, good outbuildings
1000 fine bearing fruit trees; good water.
2 mi. R. R. Price \$1000, easy terms.
J. M. Doyel, Mountainburg, Ark.

IF YOU WANT A GOOD FARM
at reasonable prices, write for our list.
Dowell Land Co., Walnut Ridge, Ark.

61 ACRES most of which is in good state
of cultivation. Fruit; apples, peaches,
plums, cherries and strawberries. 5 room
plastered house, good barn, chickens, three
springs. 3 1/2 miles of Rogers. Price \$3750.
Peck & Company, Rogers, Ark.

COLORADO

DEEDED LAND and relinquishments \$7 to
\$17. Similar lands farm produces wheat
40 bu., beans, \$50. Write
King Realty Company, Greeley, Colo.

Farm Bargain, 640 Acres

Well improved, part fenced, 8 mi. from
town, house 30x32, 7 rooms, garage 14x20,
blacksmith shop 12x14, henhouse 12x20, barn
and shed 24x70, irrigating pond 30x80, never
failing well good soft water. Price \$11,000.
Snap, ideal for stock or farming. Must be
sold by Dec. 15, or pay more for it. Eastern
Colorado Realty Co., Sheridan Lake, Colo.
Also agents for other lands.

OKLAHOMA

LAND BARGAINS, oil leases. Write for
list. Roberts Realty Co., Nowata, Okla.

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

WRITE US ABOUT 5 TO 20 ACRE TRACTS

Suitable for vegetables and poultry. Splen-
did land and priced at from \$30 to \$50 per
acre. Southern Realty Co., McAlester, Okla.

NEW MEXICO

ANY SIZE FARM sold on ten years' time.
Located in the real heart of the West, and
in the actual bread-pan of the United States.
Grain, cattle, sheep, hogs, horses, mules,
dairying, poultry and prosperity. Write
W. W. White, Clovis, N. M.

FARM LANDS

PRODUCTIVE LANDS. Crop payment on
easy terms. Along the Northern Pac. Ry in
Minnesota, North Dakota, Montana, Idaho,
Washington, Oregon. Free literature. Say
what states interest you. L. J. Walker,
81 Northern Pacific Ry., St. Paul, Minn.

FLORIDA

WHOLESALE AND RETAIL TRACTS
in the highlands of Florida. Orange Co.,
choicest section of the state, bargain prices,
or will exchange for middle west farms.
Write for literature. Florida Good Homes
Co., Scarritt Bldg., K. C., Mo.

TEXAS

FINE BLACK PRAIRIE LAND. No waste.
On macadamized road, close to school and
railroad station and near Houston, Texas,
fastest growing city in the country with its
seventeen railroads, deep water transporta-
tion and excellent local market. Average
price \$25 per acre. Easy terms to settlers.
Write C. W. Hahl Company, Owners, 681
Paul Bldg., Houston, Texas.

SALE OR EXCHANGE

TRADES EVERYWHERE, book free. See us
before buying. Bersie, El Dorado, Kan.

EXCHANGE BOOK, 1000 farms, etc. Trades
everywhere. Graham Bros., El Dorado, Kan.

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

FOR SALE OR EXCHANGE; a well im-
proved and nicely located Arkansas farm.
J. M. Mason, Walnut, Kansas.

FOR illustrated booklet of good land in
southeastern Kansas for sale or trade write
Allen County Investment Co., Iola, Kan.

FOR SALE OR EXCHANGE. Well improved
fruit ranches, alfalfa tracts and city prop-
erty. Sold on easy terms or trade for Kansas
farms. H. C. Hill, Canon City, Colo.

60 ACRES, IMPROVED; 4 mi. N. E. Siloam
Springs. All tillable. 700 apple, 50 pear,
100 peach, 50 cherry trees. \$5,000.00. Mer-
chandise or clear residence.
E. J. Jasper, Council Grove, Kan.

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

TRADES Write for new farm list.
Fred Ochiltree, St. Joe, Mo.

REEVES ENGINE, CASE SEPARATOR,
also tank, wagon, cook shack, for \$1600.
Want Western Kansas land. 2 houses in
Spearville, rent for \$20 a month, for two
thousand. Want 320 a. western land.
E. W. Moore, Spearville, Kansas.

FOR SALE OR EXCHANGE.
Merchants Delivery, consisting of 28 head
of horses, 13 double deck delivery wagons,
single wagons, harness, automobile, and
other vehicles and equipment, including at
\$7,600.00, with the business; all clear; a
good business. Price \$7,600. Will give time,
or exchange for clear real estate, well located.
Etchen Bros.,
Etchen Building, Coffeyville, Kan.

Exchange

95 acres, 6 miles from Emporia, good
buildings, 20 a. of alfalfa, 30 a. in wheat, all
is good land, near school and church. Want
160 or 200 a. in Eastern Kansas, or Northern
Mo. Will pay difference.
J. W. Staats, Box 407, Emporia, Kansas.

Exchange

Fine 11 room house, modern throughout,
in Manhattan, Kan., 3 and 1/4 lots, is near
College, fine shade, good garage, on corner,
paved St. on both sides. Want farm in East-
ern Kansas, or Northern Mo. Will pay differ-
ence. J. W. Staats, Box 407, Emporia, Kansas.

High Prices for Steel

The government regulation of the
price of steel will not reduce the price
of farm machinery in most lines. About
all that we can hope for is that it will
prevent the price of machinery from
going still higher. Most of the farm ma-
chinery sold in Kansas in 1917 was
made from steel sold in 1916, and in
some cases earlier, when prices were
much lower than the abnormal prices
which the government has been regulat-
ing. Therefore in many cases the gov-
ernment prices will be higher than the
ones the machinery companies have been

called upon to pay, altho they are much
lower in many cases than the companies
would have paid without this regulation.

Here is a letter from a manufacturer
of farm gates to his salesmen which ex-
plains this:

The government regulation of steel prices
has spread broadcast the impression that
prices on manufactured steel articles will
drop immediately. This is not so, and you
must not fail to explain carefully the fol-
lowing points to your customers.

1. In naming our new prices we figured
them on the basis of material contracts
placed by us last spring, or in other words
at steel costs very considerably below what
the current market prices have been.

2. So far, the government has not regu-
lated the price of one single steel article

which we buy for the manufacture of our
gates.

3. The raw steel articles which the govern-
ment has regulated range in prices after the
government reductions from 100 to 900 per
cent higher than pre-war levels, in contrast
our gates at the present prices range only 50
per cent higher than pre-war levels.

4. There are numerous items of cost in
the manufacture of steel gates besides steel.

These items have advanced considerably and
are in no way affected by the government
regulation of steel prices; for example, labor
30 per cent, zinc 100 per cent, manufactur-
ing tools and supplies 100 per cent and
numerous other items.

5. Government regulation does not repudi-
ate existing contracts; therefore, pipe mills
that have bought steel billets and skelp,
wire mills that have contracted into 1918
for rods, bolt factories that have big stocks
and contracts ahead for rods and wire, and

malleable foundries that have protected
themselves with pig iron for many months
must all continue to operate for a long time
on semi-high-priced and high-priced ma-
terial.

6. If we or other gate manufacturers could
repudiate our contracts for our raw ma-
terials, which we haven't the slightest in-
tention of doing, there would not be one lot
of advantage in price for we cannot today
buy cheaper than we could a month ago,
and we would have to shut down due to the
fact that materials could not be procured
without contract for six to nine months. All
sources of supply of which we have knowl-
edge are sold fully that far ahead.

Every pound of food destroyed by fire
means 1 pound less to eat for some
hungry family.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan.
John W. Johnson, N. Kansas, S. Neb. and Ia., 820 Lincoln St., Topeka, Kan.
Jesse R. Johnson, Nebraska and Iowa, 1937 South 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan. and Missouri, 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

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

Percheron Horses.

Nov. 9—Ira and O. Boyd, Virginia, Neb.
Dec. 14—J. C. Robinson, Towanda, Kan.
Feb. 26—Geo. S. Hamaker, Pawnee City, Neb.

Holstein Cattle.

Oct. 30—Max J. Kennedy, Fredonia, Kan.
Dec. 3—Albechar Holstein Farm, Independence, Kan.
Dec. 6—E. S. Engle & Son, Abilene, Kan.

Hereford Cattle.

Oct. 30—E. C. Rodwell, Cambridge, Neb.
Nov. 19—W. I. Bowman & Co., Ness City, Kan. Sale at Fair Grounds, Hutchinson, Kan.

Nov. 23—W. H. Rhodes, Manhattan, Kan.
Dec. 20—Blackwood & Wilkinson, Edison, Neb. Sale at Oxford, Neb.

Jersey Cattle.

Nov. 2—W. L. Hunter, Lincoln, Neb. (sale at fair grounds).

Polled Durham Cattle.

Nov. 26—Pearson Bros., Tecumseh, Neb.
Dec. 12—Jos. Baxter, Clay Center, Kan.

Red Polled Cattle.

Nov. 9—Ira and O. Boyd, Virginia, Neb.

Shorthorn Cattle.

Nov. 1—Otto A. Gloe, Martell, Neb.
Nov. 6—Fred Hobelman, Deshler, Neb.
Nov. 7—L. H. Ernst, Tecumseh, Neb.
Nov. 9—Park E. Salter, Wichita, Kan.
Nov. 16—S. W. Mo. S. H. Breeders' Assn., (E. H. Thomas, Mgr.), Aurora, Mo.
Nov. 20—H. C. Lookabaugh's Beginners' Department Sale, Watonga, Okla.
Dec. 27—B. M. Lyne, Oak Hill, Kan. Sale at Abilene, Kan.

Jan. 31—O. A. Tiller, Pawnee City, Neb.
March 7—Frank Uhlir, Falls City, Neb.
April 2—Blank Bros. & Kleen, Franklin, Neb. Sale at Hastings, Neb.

April 6—Thomas Andrews, Cambridge, Neb., and A. C. Shellenberger, Alma, Neb. Sale at Cambridge.

Chester White Hogs.

Jan. 17—Henry Wiemers, Diller, Neb.

Duroc Jersey Hogs.

Oct. 30—L. L. Humes and Lester W. Coad, Glen Elder, Kan. Sale at Beloit, Kan.
Nov. 6—Fred Hobelman, Deshler, Neb.
Nov. 7—F. J. Moser, Goff, Kan. Sale at Sabetha, Kan.

Nov. 8—A. J. Turinsky, Barnes, Kan.
Nov. 9—Ira and O. Boyd, Virginia, Neb.
Dec. 6—J. U. Howe and W. D. McComas, Wichita, Kan.

Jan. 21—W. M. Putman & Son, Tecumseh, Neb.
Jan. 22—Dave Boesiger, Cortland, Neb.
Jan. 22—Dallas Henderson, Kearney, Neb.
Jan. 23—Geo. Briggs & Sons, Clay Center, Neb.

Jan. 23—W. H. Swartsley & Son, Riverdale, Neb.
Jan. 24—H. E. Labart, (night sale), Overton, Neb.

Jan. 24—H. A. Deets, Kearney, Neb.
Jan. 26—Farley & Harney, Aurora, Neb.
Jan. 30—C. B. Clark, Thompson, Neb. Sale at Fairbury, Neb.

Jan. 31—O. A. Tiller, Pawnee City, Neb.
Feb. 1—O. E. Harmon, Fairmount, Neb.
Feb. 4—H. D. Geiken, Cozad, Neb.
Feb. 5—R. W. Wide & Sons, Genoa, Neb.

Feb. 7—F. J. Moser, Goff, Kan. Sale at Sabetha, Kan.
Feb. 15—Earl Babcock, Fairbury, Neb.
Feb. 18—Robt. E. Steele, Falls City, Neb.

Feb. 19—Hewel Bros., Herkimer, Kan.
Feb. 19—Theo. Foss, Sterling, Neb.
Feb. 20—John C. Simon, Humboldt, Neb.
Feb. 21—Gillam & Brown, Waverly, Neb.
March 5—E. P. Flanagan, Chapman, Kan.

Hampshire Swine.

Feb. 4—A. H. Lindgren and Wm. H. Nider, Jansen, Neb. Sale at Fairbury, Neb.
Feb. 6—Carl Schroeder, Avoca, Neb. Sale at Council Bluffs, Iowa.

Feb. 9—R. C. Pollard, Nehawka, Neb.
Nov. 1—Otto A. Gloe, Martell, Neb.
Nov. 1—Thos. Weddle, R. 2, Wichita, Kan.

Nov. 1—E. H. Brunnermer, Jewell, Kan.
Nov. 1—M. C. Pollard, Carbondale, Kan.
Nov. 2—J. J. Hartman, Elmo, Kan.
Nov. 6—J. M. Coleman, Denison, Kan.

Nov. 6—Ross & Vincent, Sterling, Kan.
Nov. 7—H. E. Myers, Gardner, Kan.
Nov. 9—J. R. Young, Richards, Mo.
Nov. 12—W. A. Prewett, Asherville, Kan.

Dec. 27—B. M. Lyne, Oak Hill, Kan. Sale at Abilene, Kan.
Jan. 23—J. L. Carman, Cook, Neb.
Feb. 1—J. J. Hartman, Elmo, Kan.

Feb. 4—W. E. Willey, Steele City, Neb.
Feb. 6—Wm. McCurdy, Tobias, Neb.
Feb. 7—Von Forrell Bros., Chester, Neb.
Feb. 8—Smith Bros., Superior, Neb.

Feb. 9—John Naimen, Alexandria, Neb. Sale at Fairbury, Neb.
Feb. 9—J. M. Steward & Son, Red Cloud, Neb.

Feb. 11—D. C. Lonergan, Florence, Neb. (night sale).
Feb. 20—Bert E. Hodson, Ashland, Kan. Sale at Wichita, Kan.

Feb. 21—A. J. Turinsky, Ness City, Kan. Sale at Hutchinson, Kan.
Feb. 25—O. E. Wade, Rising City, Neb.
Feb. 26—Geo. S. Hamaker, Pawnee City, Neb.

March 1—Beall & Wissell, Roca, Neb.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Doubtless many of our readers are in the market for good big type Poland Chinas. An opportunity to buy this class of stock is afforded in the auction sale made by Ross & Vincent, at Sterling, Kan., November 6. This offering will include 65 head. There will be five tried sows, with litters at side, 12 fall yearling gilts, 28 spring gilts, and 20

spring boars. These hogs have all been immunized. For particulars as to the breeding of this offering note the display advertisement in this issue of the Farmers Mail and Breeze and if interested, arrange to attend the sale or send bids to A. B. Hunter, Sterling, Kan., in care of Ross & Vincent.—Advertisement.

Forty Spring Duroc Boars.

G. M. Shepherd of Lyons, Kan., is changing his card announcement in the Duroc section of this issue of Farmers Mail and Breeze. He is offering 40 big, growthy, spring boars. They are sired by Illustrators 2d Jr., G. M.'s Crimson Wonder, C. W. Again Jr., G. M.'s Defender, Great Wonder and Critic B. Mr. Shepherd showed at Topeka and Hutchinson this year winning first and second on futurity gilts, second on futurity boar and first prize litter at Topeka; and first on under year boar, junior champion, reserve grand champion boar, first prize young herd, first on get of sire and first on produce of dam at Hutchinson. These prize winners were all sired by the Shepherd herd boars. Some of these and many more bred like them are offered for sale. Included in the offering are six fine boars by the grand champions at Iowa and Nebraska. He will also sell Illustrators 2d Jr. All these hogs are immunized and all are in perfect health. They are priced to sell. If interested write today, mentioning Farmers Mail and Breeze.—Advertisement.

W. I. Bowman & Co. Sell Herefords.

W. I. Bowman & Co., Ness City, Kan., will hold their regular annual sale of Herefords at Hutchinson, Kan., Monday, November 19. They will sell this time 112 head, 75 cows and heifers and 35 bulls and will have for inspection of carlot buyers two carloads of great range and farmer bulls. These cattle are unusual when it comes to substance, size, bone, quality and breeding. They are the tops of their herd of close to 700 registered Herefords and they have been raised in the open Western Kansas manner and will respond to good treatment in a way that will make good for the purchaser. The great sire and breeding bull, Generous 5th, is well represented in this offering. A large number of the daughters of this great sire offered are in calf to such sires as Imp. Shuckhall Monarch, the show and breeding bull Samson, Lawrence Fairfax and a few are bred to the good sons of Generous 5th. If you want real Herefords, the kind that usually cost long prices, you will find them in this sale and likely at half the price usually paid. Write Bowman & Co., Ness City, for catalog today and kindly mention this paper.—Advertisement.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

E. E. Fisher, Stockton, Kan., Rooks county, breeds Shorthorns and Polled Durhams. He starts his advertisement again in this issue of the Farmers Mail and Breeze. He offers one Shorthorn bull calf 6 months old and one Polled Durham bull calf 6 months old. They are of good breeding and good individuals. He desires to sell them at once and you better write at once if you need a young bull as they will go in a hurry.—Advertisement.

Blank Brothers & Kleen, Shorthorn breeders of Franklin, Neb., ask us to claim April 2, as the date for their annual spring sale. The sale will be held in Hastings as usual and the four Blank brothers and brother-in-law, Mr. Kleen, will contribute stock to the sale. Good, useful and richly bred Shorthorns sell in these sales and always sell absolutely on their merits. File application any time for catalog and watch this paper for announcement of the sale.—Advertisement.

R. C. Obrecht, Rural Route 28, Topeka, Kan., has an advertisement in this issue of Farmers Mail and Breeze which should interest any of our readers wanting Berkshire hogs. His offering includes immune boars and a nice lot of spring and fall pigs. The offering is sired by Mr. Obrecht's herd boar, Pathfinder 3d. This boar was shown through the state fair circuit this season, winning grand champion of five fairs. If interested in Berkshires write Mr. Obrecht at once and mention Farmers Mail and Breeze.—Advertisement.

Big Duroc Boar Sale.

This is the last call for the big Duroc Jersey boar sale in the sale pavilion at the fair grounds, Beloit, Kan., next Tuesday. Remember this is a sale of 40 boars which are the actual top of two Mitchell county purebred herds. Bids may be sent to J. W. Johnson, Beloit, Kan., care Avenue Hotel. If you need a boar he will buy you one here right and it is the last chance in Kansas at auction. You still have time to phone either L. L. Humes or Lester Coad, both at Glen Elder, Kan., for a catalog.—Advertisement.

Immunized Poland Boars.

H. J. Griffiths, Clay Center, Kan., is starting his Poland China advertisement again. He is offering 20 March boars that are big, husky fellows and he is going to make very close prices on them. They are by a big type boar of real merit and out of mature sows. If you want a Poland China boar you better write him at once. He is also offering 50 baby pigs at a very low price. Pedigree will be delivered with each pig. The March boars have been immunized early in the season and are in fine form to prove profitable for their purchasers.—Advertisement.

Shorthorn Bull Bargains.

S. B. Amcoats, Clay Center, Kan., is advertising 20 Shorthorn bulls in the Farmers Mail and Breeze, ranging in ages from 8 to 12 months old. They are Scotch and Scotchtopped and nice reds and roans. He is not offering any females at present. Mr. Amcoats has recently sold bulls to E. A. Osland, Clyde, Kan.; Jacob Nelson, Broughton, Kan.; George Wilson, Alida, Kan.; and G. J. Klocke, Winkler, Kan. He is offering 20 good ones and at prices that are right. If you need a bull write him today for prices and mention his advertisement in the Farmers Mail and Breeze.—Advertisement.

Duroc Boar and Gilt Sale.

A. J. Turinsky, Barnes, Kan., Washington county, sells 45 Duroc Jerseys at that place Thursday, November 8. Thirty-five are boars and 10 are gilts. They are of March and April farrow and sired mostly by a splendid son of the great Orion Cherry King Jr., that was declared national grand champion last fall at the Omaha show. You have likely noticed that Orion Cherry King's get was prominent among the winners again this month at the national hog

show at Omaha. Junior Orion Cherry King 219189, the boar in use in Mr. Turinsky's herd just referred to, is an exceptionally strong breeder and the offering of March boars in this sale are carefully grown they are most desirable for herd headers. The gilts are equally choice. Barnes is on the central branch and can be conveniently reached on morning and evening trains. Write today for the catalog and attend the sale. Send bids to J. W. Johnson in care of Mr. Turinsky, Barnes, Kan.—Advertisement.

Proett Brothers Make Good Sale.

Proett Brothers, Duroc Jersey breeders of Alexandria, Neb., held a sale of registered Durocs October 13. A big crowd of representative breeders and farmers were present and many good purchases were made on mail bids by breeders from a distance. Prices ranged uniformly from a distance. The sale of the sale at \$230 for a splendid daughter of Pathfinder with litter at foot. None sold very high and none excessively low. Forty-four head sold for an average of \$102.15, making this one of the best fall sales for the territory this season. Col. W. M. Putman was the auctioneer.—Advertisement.

Last Call for Brunnermer.

This is the final word concerning the Ed. H. Brunnermer Poland China boar and gilt sale at Beloit, Kan., next Thursday. Twenty boars and 20 gilts go in this sale that are as good as any like number that has gone thru a sale ring in Kansas this season. Nine boars and seven gilts, good ones, sired by King Joe. The balance by Big Bobby Wonder 2d, an outstanding boar and recognized by competent judges as one of the best boars in the West. Remember you are buying in a territory outside the corn belt this season and the local support is sure to be poor. Get to this sale if you want a boar that is right. Bids may be sent to J. W. Johnson in care of Ed. Brunnermer, Jewell, Kan.—Advertisement.

Blough's Big Polands.

The advertisement of "John Blough's Big Polands" has started again in the Farmers Mail and Breeze. If you want a big March or April boar sired by a boar that is big and smooth and out of the best big type sows in Kansas write to John Blough, Amesbury, Kan. His postoffice was formerly Bushong. These boars will be priced at a figure that is really too low but Mr. Blough wants to cash them and the first comer gets the choice. There are at least two in the lot that are easily worth double what he asks for them as such boars are selling over the country. Look up the advertisement in this issue and write him today and always mention the Farmers Mail and Breeze when you write.—Advertisement.

Engle's High Producing Holsteins.

The date of E. S. Engle & Son's annual Holstein cow and heifer sale this season is December 6. In this sale they will sell between 40 and 50 head of cows and heifers, all heavy springers with the exception of a few that will be fresh. A nice number of the offering this season will be purebred cows. To use Mr. Engle's expression of it, they are selling until it hurts in this sale in order to make it one of real attractions. Practically all of the purebreds that go in the sale are in semi-official tests. All are members of the pioneer cow testing association and you will know just what you are getting when you buy in this sale. The sale will be advertised in the Farmers Mail and Breeze in good time. You can write for the catalog any time and they will mail it as soon as they are off the press.—Advertisement.

New Bank Director.

J. H. Lee of the firm, Lee Brothers & Cook, of Harveyville, Kan., has just been elected a director of the Kansas Reserve bank of Topeka. Mr. Lee is vice president of the Harveyville State bank and has been an authority on financial and livestock matters in his section for a number of years. He will have charge of all the cattle loans in the Topeka bank in Wabaunsee, Pottawatomie, Morris and Osage counties. For years Lee Brothers were extensively engaged in breeding Percheron horses and have done a great work for the horse interests in their community. For several years Lee Brothers & Cook have been engaged in the Holstein cattle business. As a result of their efforts the Harveyville community has become one of the leading Holstein centers of the state. Mr. Lee is well equipped for his new duties.—Advertisement.

Good Duroc Boar Sale.

John Simon's initial Duroc Jersey boar sale at Humboldt, Neb., last Saturday was attended by just a fair crowd of breeders from over Nebraska and Kansas but it was a business crowd. In opening the sale Col. W. M. Putman, a well known Nebraska auctioneer and one of the best expert judges of Duroc Jerseys anywhere, made the statement that the offering contained more top boars than any sale he had sold this season and he doubted if there had been or would be a sale of better Duroc Jersey boars made this season. It was indeed a toppy offering and was well received by the breeders present. The top was \$225, paid by Griffiths Brothers, Mound City, Mo. The boar was sired by The King by Orion Cherry King and his dam was by Deet's Illustrators. George Klusiere, Holton, Kan., secured one of the same litter. E. P. Flanagan, Chapman, Kan., secured one of the choice boars of the sale. Forty-one boars averaged \$67. Five gilts averaged \$65.50. Mr. Simon will hold a bred sow sale February 20, at the same place, at which time he will sell sows and gilts bred to King's Wonder, the popular prize winning boar of 1917.—Advertisement.

Myers's Poland Sale.

Harry E. Myers of Gardner, Kan., will hold a Poland China sale in Gardner November 7. Mr. Myers is putting up one of the good offerings of the state. The bloodlines offered are the best that the breed affords and the 40 head that go in the sale have been selected from a large crop of spring and last fall pigs. There will be 10 fall yearling gilts in the sale that would be fine to breed for early litters or to put in a bred sow sale. There are several very choice prospects among the spring gilts. There are three dandies by the great sow sire, Wedd's Long King, and a couple of litters by Giant Joe. In the boar offering the two fall yearlings stand out very prominently. One is by the great Giant Joe and out of Queen of Wonders, a top sow from the Wilver Dell herd. This young boar is a carbon copy of his sire and is a boar that would make a good show next year. The other is by Giant Ben and out of Big Bob's Wonder, by Big Bob, the top sow in Fred Seiver's

LIVESTOCK AUCTIONEERS.

Late Burger, Wellington, Kan. LIVESTOCK AUCTIONEER
Ask any Breeder. Write or wire as above.

John D. Snyder, Hutchinson, Kan. LIVESTOCK AUCTIONEER
Experienced all breeds. Wire, my expense.

Jas. T. McCulloch, Clay Center, Kan.
My reputation is built upon the service you receive. Write, phone or wire.

Livestock Catalogs Any breed, any style. We trouble to you. Price reasonable. G. A. Lande, Mgr. LYONS PUBLISHING CO., LYONS, KANSAS

SAPPHIRE HOGS.

SAPPHIRE (BLUE) HOGS
The farmers hog. Baby pigs in pairs and trios. Illustrated booklet free.—L. E. Johnson, Waldron, Kan.

BERKSHIRE HOGS.

BERKSHIRES FOR SALE
3—Immune Boars—3
Sired by Pathfinder 3rd, grand champion at five State Fairs, also a few spring and fall pigs.

R. C. Obrecht, R. 28, Topeka, Kan.

POLAND CHINA HOGS.

Burt Chellis, Gypsum, Kan.
Registered Spotted Poland Chinas at farmers prices. Popular blood lines. Write at once. Address as above.

Big Type Quality Polands
For Sale, boars of March and April farrow that are bred and fed right. Sired by Big Bob's Model and out of our big herd sows. Big husky fellows, the kind that make good.

J. RAHE & SONS, WINKLER, KANSAS.

Old Original Spotted Polands
A few good spring boars for sale. 50 baby pigs in pairs and trios not related. Write for prices at once.

Alfred Carlson, Cleburne, Kan. (Riley county).

Big Husky Poland Boars
25 fall and spring boars, the best big type breeding. They are sired by King Orphan and Guy's Buster, out of sows by Big Jumbo, Nemo Prince and Hadley Boy. Prices reasonable. Ross A. Coffman, Overbrook, Kan.

Immune Big Type Poland Chinas
Guaranteed in every way. 75 extra good spring pigs, boar and gilts, no relation to a few good fall gilts bred for September farrow and a few good fall boars. Best of big type breeding. Prices right. ED. SHEEHY, HUME, MISSOURI

Big Type Spotted Polands
25 March boars and gilts for sale. 75 baby pig bargains. Pedigree with every pig. Write today.

Carl F. Smith, Cleburne, Kan. (Riley Co.)

Fairview Poland Chinas
Miami Chief and Ware's Blue Valley are the sires of the 85 topmy March pigs we offer. Prices reasonable. F. L. Ware & Son, Paola, Kansas

SEPTEMBER BOARS AND GILTS
for sale. Boars large enough for service. Can furnish pairs or trios not related. Address your letters to A. L. ALBRIGHT, WATERVILLE, KANSAS

Townview Polands
Herd headed by the great young boar, King Wonders Giant 77326, I can ship spring pigs, either sex, or young herds not related. Boars ready for service. Bred gilts. Prices and Hogs are right. Chas. E. Greene, Peabody, Kansas

Poland China Herd Boars
Two boars, one a yearling, the other a two-year old; both by Hadley H. by King Mastiff and out of an Expansion bred dam. They weigh right at 750 and 900 pounds. Priced far below their value.

Geo. Haas, Lyons, Kansas

Sheridan's Prolific Polands
A few choice spring boars and gilts by H. B. Walter's two herd sires, Kansas Wonder, Eclipse Model and my good herd sire Columbus C. by H's Columbia, at farmer's prices. J. B. Sheridan, Carnelro, Kan.

Money-Making Polands
Am offering an extra good bunch of spring boars that are bred right and grown for breeding purposes. J. M. BARNETT, DENISON, KAN.

Courtland Herd Poland Chinas
10 Days Special Sale
Top spring pigs, pairs, trios or herds; bred gilts. All inquiries answered. Satisfaction guaranteed.

W. A. McIntosh & Sons, Courtland, Kansas

McGath's Big Orphan
I will sell boars and gilts from the 11 litters sired by McGath's Big Orphan, grand champion at the Topeka and Hutchinson fairs this fall. McGath's Big Orphan weighs 1170 pounds and was easily the sensation of these two fairs. The dams of these litters are Bessie Wonder, the highest priced sow in Kansas last winter; Long Maid 2nd, number one in Bennett Bros. last winter sale; Teumseh Girl, the mother of Big Fairs Jr., grand champion at Kansas and Oklahoma fairs, 1917; Goldie Bob 3rd, by Caldwell's Big Bob; Miss Wonder's Smooth Bone, by Smooth Big Bone; Miss Wonder's Model, by Long Big Bone; Jumbo's Rose, by Long Jumbo 3rd; Big Expansion 2nd, by Young Orphan; Hadley's Expansion, by Major B. Hadley; Selver's Wonder, by King of Wonders and Beauty; Fashion by Pfander's Big Ben. These pigs were farrowed in September and October. There are 92 pigs in the 11 litters and they are all real herd header and herd sow material. Write at once and get the choice.

BERT E. HODSON, ASHLAND, KAN.

POLAND CHINA HOGS.
MYERSDALE FARM POLANDS
 Grant Joe, by Big Joe, and Myersdale King, by King Of All, in service
Fall Sale, November 7
Harry E. Myers, Gardner, Kansas

ERHARTS' BIG POLANDS

A few September and October boars and choice spring pigs either sex out of some of our best herd sows and sired by the grand champion Big Hadley Jr. and Columbus Defender, first in class at Topeka State Fair and second in futurity class at Nebraska State Fair. Priced right, quality considered.
A. J. ERHART & SONS, Ness City, Kan.

BIG BONED POLANDS

27 big, husky spring pigs; 10 boars and 17 gilts by Expansive Again and Black Big Bone. I will price these pigs very cheap. Write at once.

John Coleman, Denison, Kan.

Phil Dawson's Giant Expansion Poland China Herd

The home of champions of Nebraska and Kansas State Fairs 1917. Big, strong boars ready to ship. Herd boar prospects a specialty. The best of my judgment at your service. Bred sows and gilts in season.
PHIL DAWSON, ENDICOTT, NEB.

BIG POLAND OPPORTUNITY

Twenty spring boars, the tops from forty head raised. Sired by the big boars ORPHAN SURE and CRESCENT JUMBO, and out of big dams of the best blood lines. Prices consistent with quality.

Von Forell Bros., Chester, Nebr.



Mar. Boars
 and gilts sired by Hercules 2d and Grandview Wonder. 75 fall pigs for sale, in pairs and trios not related. (Picture of Hercules 2d.)
ANDREW KOSAR, DELPHOS, KAN.

Blough's Big Poland

March boars and gilts offered sired by Our Big Knox and out of herd sows not equalled in many herds. No public sales but fair prices at private sale and satisfaction guaranteed.

John Blough, Americus, Kan.

Farmers Prices

for 20 Poland China March boars. Sired by one of the best big type boars in the state. All immune.

50 baby pig bargains. Pedigrees with everything.

H. J. Griffiths, Clay Center, Kan.

Rist's Poland Chinas

40 spring boars at private sale, also 1 herd boar. Big boned, stretchy fellows. Best of big type breeding.

Plainview Hog & Seed Farm
Frank J. Rist, Prop. Humboldt, Neb.

HILL & KING, Topeka, Kan.

R. D. 28. PHONE 8104-F5

Special Herd Boar Offer:

The yearling, prize winning boar at the Topeka state fair, Silver King, by Seifert's King, by A King. Weighs about 300 pounds. Very choice but we can't use him.

We also offer 8 choice spring boars and 8 fine fall gilts, either bred to order or open. Very special prices for 30 days.
 Address as above.

Elmo Valley Poland

PRIVATE SALE

20 big February and March Boars. 15 early May Boars. 30 May gilts. 75 baby pigs sold in pairs and trios not related. Pedigree with each pig and I will hold and vaccinate before shipping. No better big type blood lines in the country. Save money by buying this fall from an immune herd.

Big bred sow sale February 1.
J. J. Hartman, Elmo, Kan.
 (Dickinson County)

1915 sale. The spring boars are very attractive. Most of them are by Giant Joe. There will be one by Wedd's Long King, one by Big Jones and one by Gerstdale Jones. Catalogs of this 'good sale are ready and will be sent to all who write for one. When you write please mention this paper. Mail bids should be sent to C. H. Hay in care of Mr. Myers.—Advertisement.

Searle's Sunflower Holsteins.

F. J. Searle, Oskaloosa, Kan., proprietor of the Sunflower herd of registered Holstein-Friesians starts his advertisement again in this issue of the Farmers Mail and Breeze, offering bargains in bull calves with 30 pound breeding. They are fine individuals. Also heifers and cows. Owing to the fact that Mr. Searle has an "A" grade milk contract in Kansas City he desires to sell these young bulls at attractive prices rather than feed them the milk. Anyone needing a young bull with the best of A. R. O. backing should get in touch with Mr. Searle at once. You can buy a young calf and feed him properly and it does not cost much but to feed a string of them costs considerable and takes time and room and because of this fact he will make better than close prices to move them quick. Mr. Searle is also offering a fine string of young heifers just ready to breed and here is the real opportunity for the man who wants a good foundation for a herd. Write at once and mention the Farmers Mail and Breeze.—Advertisement.

Two Good Poland Sales.

The J. L. Griffiths and A. J. Swingle Poland China sales at Riley and Leonardville last Thursday and Friday came off as advertised in the Farmers Mail and Breeze. The cold, windy weather undoubtedly kept many from the sale. However both sales were very well attended and both Mr. Griffiths and Mr. Swingle were satisfied with the results. Mr. Griffiths sold 38 head, mostly boars, at an average of \$44.35. Mr. Swingle sold 39 head at an average of \$40.50. The majority of Mr. Swingle's offering was gilts. Julius Rahe & Son, Winkler, Kan., topped Mr. Griffiths's sale, buying a choice March boar sired by Big Jumbo at \$75. J. E. Beagel, Dwight, Kan., topped Mr. Swingle's sale, paying \$75 for a nice March boar sired by Jumbo. There was a fair local crowd at each sale and among the breeders that attended the sales were Frank Swiercinsky, Belleville; Ed. Merten, Clay Center; S. B. Al-coats, Clay Center; J. J. Miller & Son, St. George; J. W. Anderson, Green; H. J. Griffiths, Clay Center, and many others.—Advertisement.

Moser's Annual Boar Sale.

In this issue will be found the advertisement of F. J. Moser's big Duroc Jersey boar sale at Sabetha, Kan., Wednesday, November 7. Mr. Moser gets his mail at Goff, Kan., but to better accommodate those who attend his annual sales he has been holding them in the big sale barn at Sabetha. Regardless of the condition of the weather this barn can be made comfortable. In this sale Mr. Moser is selling 40 boars that are as good as have gone thru a sale ring this season. They are out of four boars of real merit and out of big, mature dams that have great scale. The Moser herd sows are of the very best and have been selected and reserved with the greatest care. There will be five gilts in the sale, full sisters to the boars. The entire herd was immunized in June and everything considered is as near an ideal place to select a herd boar as will be found anywhere this season. These boars are the strictly big type kind and will be found with sufficient quality. Write today for the catalog and plan to attend the sale. It you can't come send bids to J. W. Johnson in care of F. J. Moser, Goff, Kan., or Sabetha, Kan.—Advertisement.

Polled Durham Dispersion Sale.

D. C. Van Nice, Richland, Kan., Shawnee county, for 16 years, has bred Polled Durham cattle and his herd is without question one of the best known herds in the West. Because of poor health he has decided to disperse the herd and this decision was reached only recently. The advertisement appears in this issue of the Farmers Mail and Breeze and the catalogs will be ready to mail soon. Thirty-seven head make up the offering. Twenty-nine are cows and heifers and 10 of the cows have calves at foot which really increases the offering 10 head. There are eight bulls, four of them ready for service. The sale will be held under a big tent at the farm joining Richland and regardless of the weather everyone will be made comfortable. The train service over the Missouri Pacific from Topeka the morning of the sale is good. There will not be any opportunities soon to buy this class of cattle at auction and those who desire to buy should write immediately for the catalog and plan to attend the sale. The catalog gives a complete line on the breeding and will contain all the information you desire about the sale. Get it at once. Mention the Farmers Mail and Breeze when you write.—Advertisement.

Nebraska and Iowa

BY JESSE R. JOHNSON.

R. E. Steele of Falls City, Neb., held his annual fall sale of registered Durocs on October 19. The bulk of the buyers were from Kansas and Nebraska with some good ones going to Iowa and South Dakota. The top of the sale was \$130 for a yearling son of King's Col. The 40 boars sold, averaged \$70. Col. W. M. Putman did the selling.—Advertisement.

The Nebraska Holstein Sale.

The sale of Holsteins at Omaha, resulted in the satisfactory average of \$245. This sale was contributed to by a number of Nebraska's best Holstein breeders. The offering was taken principally by farmers in the vicinity of Omaha. The top price in the sale was \$1,050 paid for a two-year-old bull calf, Rag Apple Omaha Clyde. Everyone connected with the sale seemed satisfied with the results. Much of the success of the sale was due to the efficient management of Dwight Williams.—Advertisement.

Proett-Nachtigall Sale.

J. H. Proett & Son and H. J. Nachtigall & Son held their annual Duroc Jersey sale at Alexandria, Neb., October 12. A big crowd of breeders and farmers were present from Nebraska and Kansas and many buyers from a distance were represented by mail bids. The sensation of the sale was the selling of a half interest in the Proett herd boar for \$840 to Nachtigall & Son. An outstanding spring boar in the Nachtigall consignment sold for \$250, to Fred Lyden of Hildreth, Neb. Thirty-nine head sold for \$3,845.50, an average of \$98.60. W. M. Putman was the auctioneer.—Advertisement.

CHESTER WHITE AND O. I. C. HOGS.

3 REGISTERED O.I.C. BOARS FOR SALE
G. A. STERBENZ, Route 1, Osawatomie, Kan.

Chester Whites Spring pigs ready to ship
 Write for catalog.
White Eagle Farm, Woodland, Missouri

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

50 Pure Bred O. I. C. Pigs Sows and boars
 \$10 each.
HARRY HAYNES, GRANTVILLE, KAN.

WESTERN HERD CHESTER WHITES
 75 Spring pigs at bargain. 100 September pigs at \$10 each.
 Write immediately. **F. C. GOOKIN, Russell, Kansas**

Progressive Chester White Herd
 Write for prices and show record.
COLEMAN & CRUM, DANVILLE, KANSAS

O. I. C. and Chester White
 Gallaway Bob, sired by Gallaway Ed, Mo. State Fair Grand Champion 1916, and Archie 2nd, by Scotlea Archie, first in class Mo. State Fair, 1916, at the head of herd. All ages for sale. Prices reasonable, satisfaction guaranteed. Write for circular and photos. **F. J. GREINER, BILLINGS, MO.**

KANSAS HERD CHESTER WHITE HOGS

40 March boars for sale. All gilts reserved for bred sow sale in February. Special prices to move boars.
ARTHUR MOSSE, R. 5, Leavenworth, Kan.

CLINTON COUNTY CHESTERS

Special prices on 15 outstanding spring boars and fall weanlings of either sex. Every one carrying the blood of state and national swine show champions.
J. H. McANAW, CAMERON, MISSOURI

Just the Boar You Want

More QUALITY, more BONE and more size than ever before. All immune and we'll ship on approval.

WHITE HOGS OF QUALITY.

Our most successful year at the big fairs.
Scotlea Farms, Nelson, Mo.

SHEEP.

For Sale 250 Western Ewes. Good mouths.
E. E. BROTT, Burlington, Kan.

Shropshire Rams 2 extra good ones, the large kind, heavy shearers. Priced right. **L. B. BOYD, LARNED, KANSAS**

140 High Grade Shropshire Ewes
 ages from lambs to 4 year-olds; also 10 buck lambs weighing about 100 lbs. Sell in lots to suit purchaser. Thomas McRae, Shropshire Sheep Farm, Herington, Kan.

300 REGISTERED SHROPSHIRE SHEEP, 300

We have for sale an extra nice lot 35 coming one-year-old rams \$30, 100 extra large ewe lambs \$25, 125 good aged ewes, no old ones \$35. We crate and pay express to your station on all sheep. They are all registered, large and well woolled. Send draft for what you want. Reference, Harveyville State Bank.

J. R. TURNER & SON, HARVEYVILLE, KANSAS

BARGAINS IN PERCHERON MARES

Seven Percheron mares, all registered in the Percheron society of America. Will sell all or any number. Two are two and three year old fillies. Five mature mares, bred to the 2240 pound stallion, Inelus. Good size, all sound and close price to close out.

Bruce Saunders, Holton, Kansas

BISHOP BROS. PERCHERONS

63 High Class Stallions

Six, from two to five years old; 33 coming 3-year-olds; 24 coming 2-year-olds. For bone, weight, conformation and quality they are as good as can be found. If you are looking for a good one and at the right price come and see what we have. They are grown in our door lots and will make good.

BISHOP BROS., BOX M, TOWANDA, KANSAS

Percheron-Belgian-Shire

Stallions and Mares

As a producer of Champions this herd has no superior. My 5 yr. old 2250 lb. Black won First and Grand Champion stallion over all ages at 1917 Nebraska, South Dakota, and Iowa Inter-State Fairs. My customers in Kansas and adjoining States have many of his half-brothers and sisters from my herd making money and winning prizes.

Men who are careful in their investments and know that the best are cheapest, find this a most dependable place to come to for young stallions to grow into money, mature 2000 and 2200 lb. stallions ready for heavy stand, registered fillies, and young registered mares in foal to Champion sires.

See my exhibit at Chicago International. **Fred Chandler**
 Route 7 Just above Kansas City Chariton, Iowa



Bazant's Famous Spotted Poland Chinas

The Big Type, Big Litter, Easy Feeding Hog of Our Fathers.



Registered Free for 30 days in the Spotted Poland China Asso.

Special 30 Days Private Sale

25 March and April boars and the same number of gilts. Selected from my big crop of spring pigs and the rest go in the feeding lot. I will ship these boars and gilts to responsible parties guaranteed to please or no sale.

Bargains in 200 August and September Baby Pigs

Sired by four different herd boars and sold in pairs, trios and little herds not related. The best opportunity you ever had to get in the game with the best at a small outlay of money.

R. J. Bazant, Narka, Kan. (Republic County)

HAMPSHIRE HOGS.

REGISTERED HAMPSHIRE 150 gilts and 40 boars, all ages. Cholera immunized. Satisfaction guaranteed. **C. E. LOWRY, Oxford, Kan.**

Hampshire Febr. Boars
 Five good ones sired by Hillwood Jack. Farmers prices. Write today. **Geo. W. Peterson, Leonardville, Kan., Riley Co.**

DROUTH PRICES ON SPRING BOARS—Good Ones
 60 August and September pigs in pairs and trios not related. Pedigree with each pig. Herd immune.
GEO. A. HAMMOND, Smith Center, Kan.

HAMPSHIRE—Quality—Breeding
 Bred gilts and spring pigs either sex. Herd headed by son of the \$800 Paulsen's Model. **F. B. Wempe, Frankfort, Kan.**

HALCYON HAMPSHIRE Strong in the blood of Gen. Tipton
 1877, Pat. Maloy 1415, Cherokee Lad 9029. Choice fall boars and spring pigs for sale. **GEO. W. ELA, Valley Falls, Kan.**

500—HAMPSHIRE—500
 All registered, all immune. The easy-keeping, quick-maturing kind. Nicely belted; large litters, healthiest and best hustlers in the world. Inspection invited or write today.
SCUDDER BROS., DONIPHAN, NEBRASKA

SHAW'S HAMPSHIRE
 200 head in herd. Sows bred to and spring pigs by a son of the undefeated Messenger Boy.
WALTER SHAW, R. 5, WICHITA, KANSAS
 Phone 3918, Derby, Kansas

DUROC JERSEY HOGS.

Extra Good Duroc-Jersey Boar for Sale

15 months of age; weight about 260 lbs.; long bodied; heavy boned; dark cherry color. Cholera immunized. Price reasonable. **Frank DuPont, R. 2, Delphos, Kan.**

Immune Duroc Boars On Approval
 Pedigreed Duroc Boars with size, length and bone; immune and guaranteed breeders. Shipped to you before you pay for them.
F. C. CROCKER, BOX B, FILLEY, NEBRASKA

Jones Sells On Approval

Pigs, either sex, February and March farrow. Pairs, trios and herds, not related.
W. W. JONES, CLAY CENTER, KANSAS

F. J. Moser, Goff, Kan.

Annual Sales at Sabetha, Kan.
 Boar and Gilt Sale—Nov. 7. Bred Sow Sale—Feb. 7
 All tops reserved for these sales.

Bancroft's Durocs

Choice March boars and gilts. Guaranteed immune. Early Sept. pigs at weaning time.
 Nov. 8th. **D. O. Bancroft, Osborne, Kan.**

DUROC JERSEY HOGS.

Durocs of Size and Quality

Herd headed by Reed's Gano, first prize boar at three State fairs. Special prices on spring boars, from Champions, Defender, Illustrators, Crimson Wonder, Golden Model and Critic breeding.

JOHN A. REED & SONS, LYONS, KANSAS.

BROOKVALE FARM DUROCS

Spring boars, sired by two line bred Cherry Chief boars and out of Select Col. and Crimson Wonder dams. Descriptions guaranteed. Prices right. Address A. J. HANNA, MGR., BURLINGAME, KANSAS

TRUMBO'S DUROCS

30 boars, 125 to 200 pound, \$35 to \$50 each. Brothers and half-brothers to Constructor Jr., reserve junior champion at Hutchinson, 1917; others by Golden Model 30th, litter mate to Nebraska grand champion. All immune. W. W. TRUMBO, PEABODY, KANSAS.

FORTY BIG TYPE BOARS

Forty big husky spring boars, sired by Illustrators 2nd Jr., G. M.'s Defender, G. M.'s Crimson Wonder, C. W. Again Jr., Great Wonder and Critic D. These are from big mature sows. Immune. Priced to sell. G. M. SHEPHERD, LYONS, KANSAS

**Duroc-Jerseys**

Johnson Workman, Russell, Kansas

BOAR SPECIAL

25 March and April boars Golden Model and Orion Cherry King Jr. breeding. Choice breeding and choice individuals. Prices that will move them right away. A. L. WYLIE & SON, CLAY CENTER, KAN.

Grandview Herd Durocs

125 springs to select from. Sired by many leading boars of the breed. Many by our great line bred KING THE COL. boar, COL. SENSATION.

Farley & Harley, Aurora, Neb.

Big Type Duroc Boars

(Immune)

Home of Kansas Chief

35 spring boars by this largest, smoothest 18 months old boar in the state. I can ship you a fine boar at farmers prices. Write quick for bargains.

E. P. Flanigan, Chapman, Kansas

Breeders of Durocs

For 25 Years

Herd headed by three great boars, sons of Orion Cherry King, Illustrators 2nd, and A. King the Col. Feb. and March gilts and herd boars of size and quality for sale. Dams of the most noted blood lines. Write for prices.

Lant Brothers

DENNIS

KANSAS

Elk Colonel 178025

Was 1st in aged boar class and reserve champion at Hutchinson this season. He and his get won 15 ribbons.

For Sale: Two of his sons, Elk Col. 2nd, 18 months old, and Royal Col. 12 months old, both winners of 2nd place in strong classes at Hutchinson this season.

Also 25 extra March and April boars for sale. 15 by Elk Col. HOWELL BROS., Herkimer, Kan. (MARSHALL COUNTY)

Private Sale Duroc Herd Boars**60 Head**

Immune and right in every way. Culled close and ready for heavy service. Fall boars by Illustrators 2nd. Spring boars by Illustrators 2nd and Joe Orion 5th. A couple of good ones are full brothers to Deet's Illustrators 2nd. Few by Pal's Giant. They have been fed for future usefulness. We have sent some good ones to Kansas and will continue to do so.

Geo. Briggs & Sons
Clay Center, Neb.

S. E. Kan. and Missouri

BY C. H. HAY.

Martin Brothers of Marion, Kan., have about 160 Holstein heifers which they are anxious to sell at once. They will have to take these heifers off the pasture very soon and they have not the barn room to care for them. These heifers are Wisconsin bred and have been pastured in Kansas. They are bred to purebred Holstein bulls and will freshen soon. Martin Brothers will make very close prices on these cattle. Write them at once if interested.—Advertisement.

Good Holsteins at Auction.

Max J. Kennedy of Fredonia, Kan., will disperse his valuable herd of Holstein cattle October 30. Mr. Kennedy has been several years in building up this good herd. The writer has been at several sales when Mr. Kennedy was buying his foundation stock, and it was pleasing to note the care and discrimination used in the selections. Each animal was selected for its individual merit and not with a view of deriving profit from its sale. If you are in the market for good Holsteins this is a sale you should attend.—Advertisement.

Scottie Farms Chesters.

L. W. and R. H. Scott of Nelson, Mo., proprietors of the Scottie Farms, are offering special bargains in Chester White or O. I. C. hogs in this issue of the Farmers Mail and Breeze. The Scottie Farms are among the best herds of White Hogs in Missouri. They are regular contenders for prizes at the Missouri State Fair and always land their share of the most desirable ribbons. Note the card ad in this issue and if interested at all in White Hogs write this firm. If you buy from these people you will get good hogs and a square deal. Please mention Farmers Mail and Breeze when writing.—Advertisement.

Lant's Duroc Jerseys.

Lant Brothers of Dennis, Kan., are starting a card announcement in the Duroc Jersey section of this issue of Farmers Mail and Breeze. This firm has bred Duroc Jerseys for a quarter of a century and their herd is noted for both size and quality. The herd at present is headed by three great boars, sons of Orion King, Illustrators 2d and A. King the Col. Students of Duroc Jersey pedigrees will recognize in these names the very best producing blood of the breed. Lant Brothers' offering at this time consists of February and March gilts and herd boar prospects. Look up the ad in this issue and write at once, mentioning the Farmers Mail and Breeze.—Advertisement.

Extra Good Chesters.

J. H. McAnaw of Cameron, Mo., is making special prices on 15 head of the best boars he has ever produced. They are the real big type fellows and will make great herd boars. They are sired by Joe Wing, a young boar that promises to develop into a 1,000 pound hog. He stands on a 10 1/2 inch bone, is 77 inches long with a 73 inch heart girth. Some of the dams are Sweepstakes Rose and Sweepstakes Emily, 630 and 670 pound daughters of Sweepstakes Giant; Wildwood Cosma, by Wildwood Prince, a litter sister to the Sedalia champion, Show Me; and others by Controller Boy by Controller. Among the fall pigs offered is a litter out of the sow Lenora Queen 5th, a litter sister to the champion sow and champion boar at the 1916 National Swine show. You will have to look a long time before you can find a better lot of Chesters than those of the McAnaw herd. If you want a top notch herd boar write him at once. Please mention this paper.—Advertisement.

Young's Poland China Sale.

J. R. Young of Richards, Mo., has planned to make his November 9 sale a gilt sale as well as a boar sale. He has decided to sell about 45 head of the best his herd can furnish. From the large crop of spring pigs he has selected only about 30 gilts and 12 boars. This enables him to cull very liberally and the result is he will have an outstanding bunch for his coming sale. They are out of fine, large sows and by such boars as the national swine show grand champion, Caldwell's Big Bob, The Mint, by Gold Gate King, Fessy's Timm, the \$1200 King Joe and Big Bob Wonder. So much publicity has been given Caldwell's Big Bob, Fessy's Timm, Big Bob Wonder and King Joe that we will take it for granted everyone is familiar with their breeding ability, but we want to comment on the breeding ability of Mr. Young's herd boars, The Mint. In looking over the Missouri State Fair winners we find that this boar is the sire of two winners in the senior boar class, and two winners in the senior sow class. We find also that one of his get headed the first prize young herd bred by exhibitor, also one of his get headed the herd that won third place in the class not confined to one particular breeder. Pigs by The Mint stood second in "get of sire." All of these prize winners will be sold in this sale. As a special attraction there will be 15 fall yearlings and winter gilts by The Mint. If you are looking for something good, something that you can breed for early litters, or to put in your bred sow sale, here is the place to get them. The offering is immune and in excellent condition. Write for catalog. If you cannot attend the sale and wish to send a mail bid, send it to C. H. Hay in care of Mr. Young.—Advertisement.

For a Big International

A very large number of Kansas farmers will attend the International Live Stock exposition December 1 to 8 at Chicago. In most departments the entries will be larger than in past years. A catalog can be obtained on application to the exposition at the Union Stock Yards, Chicago.

One of the features will be the awarding of medals to the herdsman who have had charge of the animals that win some of the more important championships. Another feature is the junior judging contest, for boys under 19 years old. Full details about these special prizes can be obtained from the secretary of the exposition.

Forward-looking farmers are making necessary repairs on their machinery before putting it away for the winter.

DUROC-JERSEY HOGS.

Duroc Pigs Ready to Ship 10 to pick from. Pairs and trios not related. Golden Model, Critic, and Col. Gano blood. R. T. & W. J. GARRETT, STEELE CITY, NEB.

40 DUROC-JERSEY BOARS

Cholera immunized; of rare breeding and excellent individuality. Sired by Gold Medal 176231, R. L's Model Chief 10557, Taylor's Model Chief 126456. Order yours now. Our prices are reasonable.

W. E. HUSTON, AMERICUS, KANSAS

Wooddell's Durocs

20 March and April boars ready for service. They are sons of Crimson Wonder IV, and out of large, roomy sows of fashionable breeding. Priced for quick sale. All immune and guaranteed. G. B. Wooddell, Winfield, Kan.

Anderson's Durocs

Royal Grand Wonder, 1st prize junior yearling boar at Hutchinson State Fair 1917 at head of herd. Spring boars ready for service, including grandsons of Cherry Chief. Satisfaction guaranteed. B. B. Anderson, Route 7, McPherson, Kan.

BONNIE VIEW STOCK FARM**DUROC-JERSEYS**

Choice spring pigs, either sex, prize winning blood, for sale at reasonable prices. SEARLE & COTTE, BERRYTON, KANSAS

DUROC BOARS

Sired by the Famous Otey's Dream and the great All Col. 2nd. Can fit the farmer and the biggest breeder in quality and prices. Write today for prices. W. W. OTEY & SONS, WINFIELD, KANSAS

Duroc Boars and Gilts

Sired by Bert's Critic, by A. Critic, out of Col. and Golden Model sows. These are good, growthy pigs, of March farrow. Come and see them or write, O. H. DOERSCHLAG, R. 2, Topeka. Bell Phone 3725K11.

SHORTHORN CATTLE.

Woodland Ranch

Breeders of

Shorthorns—Polled Durhams

15 bulls for sale. 7 of serviceable ages now. Write for full particulars.

ELLIOTT & LOWER,

Courtland Kan. (Republic County.)

CLOVERLEAF FARM

SHORTHORNS

12 bulls, pure Scotch and Scotch topped. Five, from 8 to 12 months old, and seven spring calves. Breeding and individual merit that means something. Write for prices and descriptions, today, if you want first choice.

G. F. HART, Summerfield, Marshall Co., Kansas

Stunkel's Shorthorns**SCOTCH AND SCOTCH TOPPED**

Herd Headed by Cumberland Diamond. 15 bulls 16 to 24 months old, reds and roans; 16 Scotch-topped cows and heifers, from two years to mature cows, with calves at side or showing in calf, Victor Orange and Star Good blood. 15 miles south of Wichita on Rock Island and Santa Fe.

E. L. STUNKEL, PECK, KANSAS

Salt Creek Valley**Shorthorn Cattle**

30 bulls, 10 of them from 10 to 18 months old. Balance spring calves. 20 cows and heifers for sale to reduce herd. All bred or with calf at foot. Write for descriptions, prices and breeding. Also a few extra choice reg. Poland China boars, March farrow.

E. A. CORY & SONS, TALMO, Kan.

(Pioneer Republic County Herd)

Shorthorns**Polled Durhams**

5 Shorthorn bulls from 12 to 15 months old. Scotch topped. All polled bulls sold but one 14 months old. He is a good one. 15 bull calves six to eight months old. Write for descriptions and prices. Investigation will convince you this herd is strong in blood lines and individual merit. Not a show herd but a working herd.

V. A. PLYMOT, BARNARD, KANSAS

(Mitchell County)

SHORTHORN CATTLE.

Shorthorn—Polled Durhams

One Shorthorn bull calf (Roan) six months old. One Polled Durham bull calf, six months old. Both with best of breeding and good individuals. E. E. Fisher, Stockton, Kansas.

Park Place Shorthorns

Young bulls ready for service. Scotch and Scotch topped cows and heifers showing in calf or with calf at side and rebred to good sires. Special prices to parties wishing a number of females with bull to mate. Visitors always welcome. Phone, Market 2087 or Market 3705.

PARK E. SALTER, WICHITA, KAN.

Crystal Springs Farm SHORTHORNS

We offer 7 young bulls from 7 to 14 months old, by a son of Bampton Knight 148795, and out of Scotch and Scotch topped cows. Also a few females for sale. Visitors always welcome. Write for description and prices.

THEO. OLSON & SONS

LEONARDVILLE, (Riley Co.), KANSAS

C.A. Cowan & Son

Athol, Kansas

Breeders of Shorthorns with real size and quality.

We offer 5 bulls from 10 to 12 months old, sired by Pioneer, grandson Avondale and White Hall Sultan. 12 bulls from 6 to 8 months by Mistletoe King, by Mistletoe Archer, a full brother to Captain Archer. Reds and roans. Out of big cows.

C.A. Cowan & Son, Athol, Kan., (Smith County)

Master Butterfly 5th

Is now for sale. He will be sold fully guaranteed and his get is evidence of his great value as a producer. He is a beautiful roan, sired by Searchlight and out of Butterfly Maid. He is five years old and very kind and gentle. A few bulls 12 to 16 months old. Also a nice lot of younger bulls. Also some choice females. Write for descriptions and prices.

W. F. BLEAM & SONS,

BLOOMINGTON, KANSAS

(Osborne County)

Shorthorn Bulls

20 good ones from 8 to 12 months old. Scotch and Scotch tops.

We invite inspection of our herd.

S. B. Amcoats, Clay Center, Kan.

Lancaster Shorthorns

Lancaster, Kan., Atchison Co.

Imported and home bred cattle. Headquarters for herd bulls. All within three miles of Lancaster. Twelve miles from Atchison. Best shipping facilities.

Ed Hegland

Some choice cows and heifers and young bulls for sale.

K. G. Gigstad

20 bulls, 9 to 7 months old. Reds and roans.

W. H. Graner

12 yearling bulls, 8 and 9 months old.

H. C. Graner

4 yearling bulls, also bred cows.

C. A. Scholz

Some bred cows. Cows with calf at foot and bred back. Young bulls from 6 to 8 months.

Address these Breeders at Lancaster, Kan.

Patterson's Shorthorns

Cows, Heifers and Bulls Reds, Whites and Roans

I was never better prepared to care for my customers. When you come to El Reno look over our herd. We have to offer from herd headers and show prospect to the rugged kind the farmer wants and at farmers' prices. Write today when you can call and let us show you our herd.

Lee R. Patterson, El Reno, Oklahoma

SHORTHORN CATTLE.

PURE BRED DAIRY SHORTHORNS Double Marys (pure Bates), and Rose of Sharon families. A nice lot of young bulls coming on for fall and winter trade. R. M. ANDERSON, BELOIT, KAN.

Scotch Marshall 428309 X12150

is four years old in January, a beautiful red, weighs a ton and a splendid breeder. I am keeping all his heifers and all my cows and heifers not related are bred to him. A bargain in this Polled bull of real merit. Would trade him for Shorthorn cows or heifers.

W. A. PREWITT, ASHERVILLE, KAN.
(Mitchell County)

SHORTHORN BULLS

Private Sale

I am making special prices on my crop of spring calves. Also two very choice fall calves. Scotch and Scotch-topped, reds and roans.

Can ship over Rock Island, Union Pacific, Santa Fe.
C. W. TAYLOR,
Abilene, Dickinson, County, Kansas

ABERDEEN ANGUS CATTLE.

**Aberdeen Angus Cattle**

Herd headed by Louis of View-point 4th. 150624, half brother to the Champion cow of America.
Johnson Workman, Russell, Kan.

ANGUS CATTLE

170 breeding cows. For the best in registered Angus cattle investigate this herd. A pioneer herd with quality and breeding. Sutton & Wells, Russell, Russell Co., Kansas

**Bonny Blacks**

5 bulls from 6 to 14 months. 15 heifers from 6 to 16 months. All by Roland L. 187220. Also a few cows. Nothing better offered this season. Cherrvale Angus Farm, (two miles out)
J. W. Taylor, Clay Center, Kan.

GALLOWAY CATTLE.

GALLOWAYS

About 70 registered Galloway cows, heifers and calves. A very choice lot with the best blood lines of the breed represented. A low price on the bunch for a quick sale. Investigate.

G. E. CLARK,

205 W. 21st St., Topeka, Kansas.

HEREFORD CATTLE.

Pleasant View Stock Farm Herefords

Choice bull calves, including one extra good calf, 14 months old, weighing 900 pounds. Also extra good Percheron stud colts. (MORA E. GIDEON, EMMETT, KAN.)

**Registered Herefords**

Ten big, thick fleshed cows 2 to 5 yrs. Seven well grown bulls 7 to 14 mos. All priced to sell.

Fred O. Peterson,
R. R. 5, Lawrence, Kansas

POLLED DURHAM CATTLE.

DOUBLE POLLED DURHAM BULLS for sale. Forest Standard Polled Durham Bull, Sultan at the head of the herd. C. M. HOWARD, HAMMOND, KANSAS

Polled Durham & Shorthorns for sale

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

RED POLLED CATTLE.

FOSTER'S RED POLLS Write for prices on breeding stock.
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

Morrison's Red Polls Nine bulls from 6 to 12 months old, by Cremona 2nd. A great 17 months old bull for sale. Cows and heifers. Chas. Morrison & Son, Phillipsburg, Kan.

Pleasant View Stock Farm Registered Red Polled heifers. Two twelve months old registered Percheron Stallions weighing 1200 lbs. each. Poland China hogs. Halloran & Gambrell, Ottawa, Kan.

Maurer's Holstein Farm

is offering twenty-five pure-bred heifer calves, from six weeks to eight months old; also a choice lot of yearlings, bred heifers and at prices that cannot be equalled elsewhere; grade cows and heifers. Buy your next young pure-bred BULL from US. For description and prices communicate with.

T. R. MAURER & CO., EMPORIA, KANSAS.

Canary Paul Fobes Homestead

heads our herd of 150 head of Holstein cattle. His dam is the first cow in the world to make three records all above thirty-three pounds of butter in 7 days. Bull calves sired by him and from great producing and A. R. O. cows for sale. Can also spare a few good grade cows and heifers. All stock tuberculin tested.

Stubbs Farm, Mark Abilgaard, Mgr., Mulvane, Kansas

GUERNSEY CATTLE.

2 High Grade Guernsey Cows in milk 2 cows to freshen soon. 2 yr. heifers, 1 yr. bull and 2 bull calves. Dr. E. G. L. Harbour, Box 113, Lawrence, Kan.

GUERNSEYS

For next 30 days will offer Guernsey bull calves subject to prior sale at \$100 each f. o. b. Kansas City. Have few females at reasonable prices.

Overland Guernsey Farm
Overland Park Kansas

JERSEY CATTLE.

Registered Jersey Cattle Excellent Breeding. Percy Lill, Mount Hope, Kansas

Registered Jersey Cattle Cows, bulls, heifers and calves. Priced to sell. V. E. SWENSON, LITTLE RIVER, KAN.

HOLSTEIN CATTLE.

HOLSTEIN CALVES high grade Holstein calves either sex, 3 to 4 weeks old \$20, crated for shipment. BURR OAK FARM, Whitewater, Wis.

A. B. WILCOX & SON, Abilene, Kan.

Our Aim, the Best Registered Holsteins.

Segrist & Stephenson, Holton, Kansas

Breeders exclusively of purebred, prize-winning, record-breaking Holsteins. Correspondence solicited. Address as above.

OAK HILL FARM Reg. Holsteins Two bulls, seven and five months old. Both calves with A.R.O. backing. Member H. F. Asso. of Kansas. BEN SCHNEIDER, (Jefferson Co.), Nortonville, Kansas

HOME DAIRY FARM, DENISON, KAN. Some young bulls for sale. Also females. Member H. F. Asso. of Kansas. J. M. Chestnut & Sons, Denison, Kan.

HOLSTEIN CALVES, 25 heifers and 4 bulls, 15-16 pure, 5 weeks old, from heavy milkers. \$25 each. Crated for shipment anywhere. Send orders or write EDGEWOOD FARMS, WHITEWATER, WIS.

High Grade Holstein Calves 12 heifers, 4 to 6 weeks old, beautifully marked, \$20 each. Safe delivery and satisfaction guaranteed. FERNWOOD FARMS, Wauwatosa, Wis.

BRAEBURN HOLSTEINS

Always A. R. O. bull calves, better than the common run. Just now a few females to make the herd fit the stables.—H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

For Sale or Exchange Holstein Herd Bull, Lake View Reputation Lad 115029; also one bull born Feb. 22, 1917. Papers furnished for 5 generations. SAM'L NOWLAND, Route 1, Anadarko, Okla.

Registered and High Grade Holsteins

Practically pure bred heifer calves, six weeks old, crated and delivered to your station \$25 each. Safe arrival and satisfaction guaranteed. Write us your wants. CLOVER VALLEY HOLSTEIN FARM, Whitewater, Wis.

TREDICO HERD

Registered Holsteins.
Large, Strong and Healthy.
First class records and type.
GEO. C. TREDICK, KINGMAN, KANSAS.

High Grade Holstein and Guernsey Cows

and large two-year-old heifers due soon. In good flesh and well bred. Cows \$100 to \$150; heifers \$90 to \$125. Heifer calves \$20 crated. BOCK'S DAIRY, Route 9, Wichita, Kansas.

HOLSTEIN BULL CALVES

registered. Especially low prices, need the milk. Thirty pound breeding, fine individuals. Also heifers and cows. Write Sunflower Herd, Oskaloosa, Kan. F. J. Searle, Proprietor.

PURE BRED HOLSTEINS PAY! \$\$\$\$

Big yields mean big profits despite high feed costs. Write for free information to THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA, BOX 292, BRATTLEBORO, VT.

Holstein Heifers

We must take our Holstein heifers out of the pasture in a few days. Until that time, we are going to offer them at a special price—less than like stuff can be bought anywhere else. They are high grade, Wisconsin Holsteins, bred to registered bulls. Most of them are springers. Here is your chance to get some Holsteins worth the money.

Martin Bros., Marion, Kansas

60 Head of Registered Holstein Cows and Heifers For Sale

Granddaughters of King of the Pontiacs, Sir Korndyke Pontiac Artis, and King Walker. Most of the heifers are out of A.R.O. dams and the majority of our cows have A.R.O. records. They are priced right. Also a few young bulls out of A.R.O. dams.

Higginbotham Bros., Rossville, Kan.

HOLSTEIN CATTLE.

HOLSTEIN CATTLE.

In 1887 Lee Bros. father brought the first imported Holstein cows to Wabaunsee county. In 1917 Lee Bros. & Cook have the largest pure bred and high grade herd in Kansas.

300 Holstein Cows, Heifers and Bulls

Registered and High Grade. 3 Bred Heifers and a Registered Bull \$325

We are selling dealers in Kansas and Oklahoma. Why not sell direct to you? 40 fresh cows, 75 heavy springing cows, 90 springing heifers; 40 open heifers and 20 registered bulls. Bring your dairy expert along, we like to have them do the picking. Every animal sold under a positive guarantee to be as represented.

Well marked, high grade Heifer and bull calves from 1 to 6 weeks old. Price \$30 delivered any express office in Kansas. We invite you to visit our farm. We can show you over 300 head of cows and heifers, sold to our neighbor farmers. Wire, phone or write when you are coming.

60—Registered Cows and Heifers—60

60 springing two-year-old heifers and cows, excepting a few cows which are fresh. The cows are from two to six years old. Special prices for 30 days.

LEE BROS. & COOK, Harveyville, Wabaunsee Co., Kan.

We Guarantee Them to Be as Represented

ESHELMAN'S HOLSTEINS

We have more springing heifers in our pastures than our barns will accommodate this winter. This is an exceptional bunch of high grade heifers. Many of them will freshen in from thirty to sixty days, others later in the fall. Many of them weigh over one thousand pounds, being practically cows in size, and are from high producing stock.

You can buy your choice from our herd and as many as you want. Special prices in carload lots.

We can also furnish you A. R. O. bulls. The delivering facilities here are ideal as shipment can be made over the Union Pacific, the Rock Island or the Santa Fe.

Address all communications to A. L. ESHELMAN or see C. L. ESHELMAN on River Lawn Farm, one mile south of Court House.

A. L. ESHELMAN
ABILENE, KANSAS

Oakwood Stock Farm Holsteins

350 head yearling and two year old heifers and mature cows. Everything acclimated and tuberculin tested. A large number of them are nearly purebred. We have recently added 100 head of choice ones to the herd. 150 are very choice two year olds that will freshen this fall. Some cows fresh now and others to freshen in 40 days.

20 head of registered cows and heifers and a number of registered bulls, one and two years old. A very special offer on 100 long yearling heifers that are as good as will be found anywhere. We want to sell them at once as we need the room. Come to Salina and phone the farm and we will call for you. For further particulars address,

M. E. Peck & Son, Salina, Kansas

75 Head of Choice Holsteins 75

THE DISPERSAL AUCTION OF H. V. NEEDHAM & SON'S HERD AT Tonganoxie, Kan., Wednesday, November 7

The offering will include 25 large producing cows, 4 to 7 years old, 8 to 12 fresh by sale day, balance giving large flow of milk. 25 large, well marked, two-year-old springers, 20 large, well marked, long yearlings, 5 large, well marked, short yearlings. This is the oldest established herd in Leavenworth county. Always the best pure bred sires at head of the herd. If you are wanting high grade Holsteins you can't afford to miss this sale. For further particulars address

H. V. NEEDHAM & SON, Owners, Tonganoxie, Kan.,
or W. J. O'BRIEN, Sales Manager
Auctioneers—O'Brien, McCullough.

Jas. B. Healey Estate.

M. A. Anderson, Cashier, Farmers State Bank.

Registered and High Grade Holsteins

Special Sale for 60 Days to close up a partnership. Write me at once for descriptions and prices and full information.

Choice registered heifers sired by a 40-pound bull and bred to a 40-pound bull. Due to freshen this fall.

A few choice A. R. O. bulls, old enough for service.

70 Extra Choice, heavy springing high grade heifers that will freshen September and October.

50 Choice high grade heifers that will freshen in November and December.

Address, M. A. ANDERSON, HOPE, KANSAS, DICKINSON COUNTY
Main Lines Rock Island and Missouri Pacific

W. H. Mott, Herington.

A. Seaborn, at the farm.

Record Holsteins For Sale

We have grade cows with records, 350 to 400 pounds of butter in 10 months, that we will sell. 100 head of large, well marked, Dairy type heifers, due to freshen soon, all high grade. 50 head of young cows, some fresh, others heavy springers. Some choice young bulls ready for service. 40 head of purebred heifers and cows to freshen this fall. We can ship via Rock Island, Missouri Pacific or Santa Fe.

MOTT & SEABORN, HERINGTON, KANSAS

TORREY'S HOLSTEINS

Cows and heifers, young springing cows well marked and exceptionally fine; also springing and bred heifers and registered bulls. See this herd before you buy. Wire, phone or write.

O. E. TORREY, TOWANDA, KANSAS.

Young's World Beater Poland China Sale

Richards, Mo.,
Friday, November 9, 1917

15—Fall Yearling and Winter Gilts—15

by THE MINT, the greatest breeding son of the popular Gold Gate King. They are the biggest, STRONGEST gilts that will be sold this fall. They are just what you need to raise those big early pigs or to put in your bred sow sale.

30—Outstanding Spring Gilts—30

By the following great sires: THE MINT, CALDWELL'S BIG BOB, FESSY'S TIMM, KING JOE and BIG BOB WONDER. A lineup of gilts that will satisfy the most discriminating buyer.

12—Splendid Spring Boars—12

The tops of our spring crop of pigs. The best bloodlines the breed affords and second to none individually.

ALL OUR MO. STATE FAIR WINNERS GO IN THIS SALE
EVERYTHING IMMUNE

The last sale of the season and the top round in the ladder. Don't miss this opportunity to buy high class herd material. Catalogs are ready. Write today. Mention this paper. Mail bids should be sent to C. H. Hay in my care.

J. R. Young, Richards, Missouri
COL. R. L. HARRIMAN, AUCT.

Dispersion Sale Polled Durham Cattle

The well known Polled Durham herd of show and breeding cattle owned by D. C. Van Nice will be closed out at the farm joining Richland, Kan. Sale under cover, rain or shine.



Richland, Kan.,
Thursday, Nov. 8th

This great herd was founded in 1901 by Mr. Van Nice and his decision to disperse his herd was only reached thirty days ago because of his health. The offering consists of 29 cows and heifers, 10 of them with calves at foot, 8 bulls, four of them old enough for service. Here is the breeding of the last three herd bulls used:

Belvedere 195058 X 2712—Sire, Grand Victor 150364 X 1685 by Golden Gauntlet 128003 X 1140, out of Linwood Victoria V40. Dam, Blossom 2d V47 by Hoosier Boy 115921, out of Alice 11th V40.

Roan Hero 229963—Sire, Golden Hero 150363 X 2847 by Golden Gauntlet 128003 X 1140 out of Lady Harrison 4th V42. Dam, Buttercup Victoria V47 by Sanger 117271, out of Duke's Heart V46.

Chief 418826 X 11543—Sire, True Sultan 370635 X 9157 by Sultan of Anoka 302426, out of Nora Marshal X V5. Dam, Hayden Rose 2d X V4 by Roan Hero 229963 X 3613, out of Buttonwood Hayden Rose 2d X V4.

There will be few if any other opportunities this season to buy cattle of this class at auction. The catalogs will be ready to mail soon and you should write at once for one. Address

D. C. Van Nice, Richland, Kansas

Carey M. Jones, Auctioneer. J. W. Johnson, Fieldman.

NOTE: Richland is in Shawnee county and good train connections can be made the morning of the sale from Topeka.

DISPERSAL SALE

Registered Holstein Cattle

At Greensward Farm
Fredonia, Kan., Tuesday, Oct. 30



30 head of registered cows and heifers
2 bull calves and the best two-year-old bull in Kansas.

All cows and heifers will freshen soon to Sir Johanna Walker Pietertje, whose first five dams average over 27 pounds of butter a week. This bull also sells at sale.

Every animal tuberculin tested.

Daughters and granddaughters of Colantha Johanna Lad, King of the Pontiacs, the \$50,000 bull, King Segis Pontiac Alcartra, Sir Ormsby Skylark, King Walker, etc. Some prize winners and grand A. R. O. cows.

Sale held in one-half block of Union Depot and in within 50 feet of Stock Yards. Rain or shine, under cover in a warm building. Write for catalog.

Greensward Farm, Fredonia, Kan.

Max J. Kennedy, Prop.

On three railroads, Santa Fe, Frisco and Mo. Pac.

Ross & Vincent's Large Type Poland Sale

At farm adjoining town
Sterling, Kan., Tuesday, Nov. 6th

**65
HEAD
All
Immune**

5 Tried Sows with pigs at side
12 Fall Yearling Gilts
(7 open, 5 bred)
28 unusually good, growthy
Spring Gilts
20 choice Spring Boars
Ready for service

**65
HEAD
All
Immune**

These sows and gilts are the unusually smooth kind with size and breed quality. Many of these young boars are good enough to head good herds. This offering is strong in the most fashionable big type blood and traces to such noted sires as O. K. Lad, by Pawnee Lad, Expansion Jr., Mammoth Orange, by Cowles' Orange, Douglas Jr., and Big Hadley's Wonder.

These hogs are worth your time and car fare to look them over sale day. They are the kind that will make good.

Write today for catalog. Address

Ross & Vincent, Sterling, Kan.

Auctioneers: J. C. Price and E. E. Potter.

Fieldman: A. B. Hunter.

DUROC-JERSEYS

Moser's annual boar sale. 45 head in all. 40 boars and five gilts. Everything immunized with double treatment last June

Sabetha, Kan., Wednesday, Nov. 7.

The offering was sired by such boars as **Fancy Pal. 169237, Crimson Ruler 161141, High View Chief's Col. 199001 and Defenders Top Col. 215349.**

The dams of the offering are big mature sows weighing around 650 and 700 pounds in good condition. The 40 boars in this sale have the best of backs, feet and legs with great stretch and the desired quality. They will not be fat but they have been well grown and are big, husky fellows ready for hard service.

Write for my catalog which is now out and come to my sale. It will be held in a big barn in Sabetha. Come as my guests. Send bids to J. W. Johnson in my care, Sabetha, Kan.

F. J. Moser, Goff, Kansas

Auctioneers: Jas. T. McCulloch, Roy Kistner.
J. W. Johnson, Fieldman.

DUROC-JERSEYS

Turinsky's Annual Sale. 45 Head in all, 35 March and April boars, 10 gilts. All have been properly grown for future use

Barnes, Kan., Thursday, Nov. 8.

Most of the offering was sired by **Junior Orion Cherry King 219189**, he by the national grand champion, **Orion Cherry King Jr.** Others are by **Freed's Ames Col. 199993**, a grandson of King the Col. Others by **Iowa Improver 199991**, a grandson of Proud Col. and Cherry Chief.

The dams of this offering are of the leading strains of the Ohio Chief, Colonel, Crimson Wonder families.

I am holding my sale in comfortable quarters in Barnes and invite all lovers of Duroc Jerseys to attend. Write today for my catalog and you will receive it promptly. Send bids in my care to J. W. Johnson, Barnes, Kan.

Address

A. J. Turinsky, Barnes, Kan.

Auctioneers: Jas. T. McCulloch, J. S. Hill.
J. W. Johnson, Fieldman.

156-Dairy Cows-156

At Auction

Cameron, Mo., Wednesday, Nov. 7

The offering consists of 20 head of registered Holstein cows, 6 registered bulls, 125 head of high grade Holstein cows and heifers; 20 of the heifers are yearlings. The balance are milkers and springers. Cattle are tuberculin tested. Cameron is located 55 miles Northeast of Kansas City, 35 miles east of St. Joe. Sale at 10 o'clock. The cattle will please you. Sale, rain or shine.

E. L. Ensign, W. H. Zimmerman, Cameron, Mo.
Auctioneer: T. E. Deem

Bowman & Co's Hereford Sale

At Hutchinson Fair Grounds Pavilion

Hutchinson, Kan., Monday, November 19

75 Cows and Heifers, 2 to 5 years old, picked from our large herd; the kind we are hoping to build a reputation on. Daughters of **Generous 5th**, Gladwyne, College Count, Beau Donald 22d, Oregon 13th, College Militant, Prince Rupert 48th and bred to Imp. Shucknall Monarch, Lawrence Fairfax, Samson, Generous 5th and sons of Generous 5th.

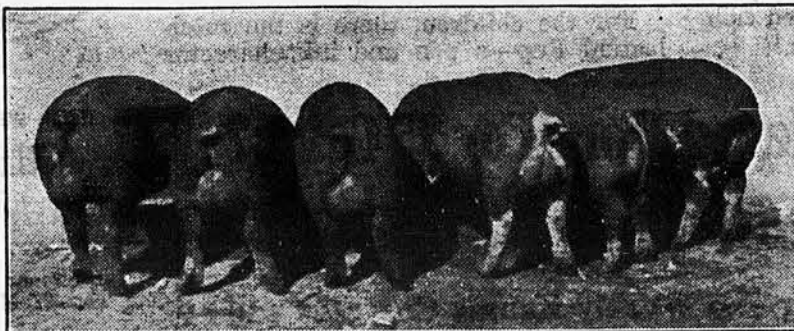
35 Bulls of Serviceable Age; big, strong, heavy-boned fellows, including several outstanding herd header prospects. Included will be our herd and show bull, **Samson 437001**; also two car loads same breeding to parties wishing car lots. Most of these cataloged bulls are by the great sire, **Generous 5th**. Write today for catalog. Address

W. I. BOWMAN, NESS CITY, KANSAS

Myersdale Farm Poland China Sale

Gardner, Kansas, Wednesday, November 7, 1917

**15 Choice Spring Gilts
10 Fall Yearling Gilts
2 Fall Yearling Boars
13 Big, Rugged
Spring Boars**



40-Head-40

by the illustrious breeding boar
GIANT JOE
the noted Big Joe.

**Giant Ben
Wedd's Long King
Big Jones Giant King**

The two fall yearling boars are real herd header prospects. One is by **Giant Joe** and out of **Queen of Wonders**, a top sow from the **Wilver Dell** herd. The other is by **Giant Ben**, out of **Big Bob's Wander**, by **Big Bob**, the top sow of **Fred Seiver's 1915 sale**. The spring boars are big and husky. Most of them are by **Giant Joe**. The gilt offering affords great opportunity for the sow buyer. They are the big, stretchy kind. Three of them are by **Wedd's Long King**. Write for catalog.

C. H. Hay—Fieldman. Send bids to him in my care.
Col. J. C. Price, Auctioneer.

H. E. Myers, Gardner, Kansas



Theodore Roosevelt

Make These Men Your Fireside Companions



Henry J. Waters

Theodore Roosevelt and Henry J. Waters are the type of men with whom readers of The Weekly Kansas City Star feel a personal acquaintanceship.

Theodore Roosevelt, the great American, has occupied a conspicuous position in public life probably longer than any other living man. His dominant personality and unswerving Americanism have stood the country in good stead during the great war in which it is now engaged.

Everything that Mr. Roosevelt writes for newspaper publication appears exclusively in The Star and his editorials on timely topics form a prominent feature of The Weekly Kansas City Star.

To come under the influence of these master minds—Roosevelt and Waters—in a direct and almost personal way, is one of the many privileges you may enjoy by becoming a member of the great family of Weekly Star subscribers.

Henry J. Waters has resigned his position as president of the Kansas State Agricultural College to become editor of The Weekly Kansas City Star.

Born on a farm and reared on a farm, Mr. Waters has risen to the foremost rank of American educators, with a reputation that extends to every country in the civilized world.

Simple English and the ability to apply expert knowledge to the everyday conditions of farm life are outstanding qualities in everything that Mr. Waters writes. Having been a farmer himself, he understands farming and farm problems as they actually exist.

The Weekly Kansas City Star

A great family newspaper for Southwestern farmers. Brimful of news, market information, fiction, cartoons, special departments of interest to farmers and stock raisers, and numerous features for farm women. Any one who is old enough to read or look at pictures will enjoy The Weekly Kansas City Star.

WRITTEN FOR FARMERS BY FARMERS

There is no theory about The Weekly Kansas City Star. Everything bearing on farm affairs is written by a farmer or is based on the actual experience of a farmer.

When you subscribe to The Weekly Kansas City Star you become a member of a great family of 340,000 farmers, all of whom are urged to contribute their experiences in meeting the everyday difficulties which beset farmers.

Send your problems to The Weekly Kansas City Star. Whether it is a cow that is sick, a field of alfalfa that is not thriving, a chicken that is moping, a "sweenied" horse or a rat infested crib—write to the "Farm Questions."

News of the World

The Weekly Kansas City Star brings to your home, in concise form, a full account of all the important events of the week. The news-gathering agencies of which The Star is a member have men on every battle front, in all the nation's capitals and in every metropolitan city at home and abroad.

With the Star's own correspondents alert for news in every county in Kansas and Missouri, nothing of interest to Southwestern farmers escapes The Weekly Kansas City Star.

For the Children

For the children, there is the Intellectual Pup—a pen and ink character

whose pranks are recorded in a series of pictures every week in The Weekly Star. There is a quaint and playful quality about the Intellectual Pup that has endeared him to the hearts of thousands and his name is a household word wherever The Weekly Star circulates. You will find yourself wishing for next week's paper to see what new experience or mishap has befallen the Intellectual Pup.



Were You Ever Offered More For 25 Cents?

Send 25c and This Coupon

Every week for one year The Weekly Kansas City Star will visit your home to help make your corner of the world a brighter and better place to live in. Fifty-two visits for 25 cents.

Less Than Half a Cent a Week

USE THIS COUPON

The Weekly Kansas City Star,
Kansas City, Missouri.

Gentlemen: Enclosed is 25c for which please send me The Weekly Kansas City Star for one year.

Name

Post Office R. F. D.

State
M. & B.