

# The FARMERS MAIL AND BREEZE

Vol. 44.

September 12, 1914

No. 37.



Partners

*CWP 2*



## The Capper Building at the Fair

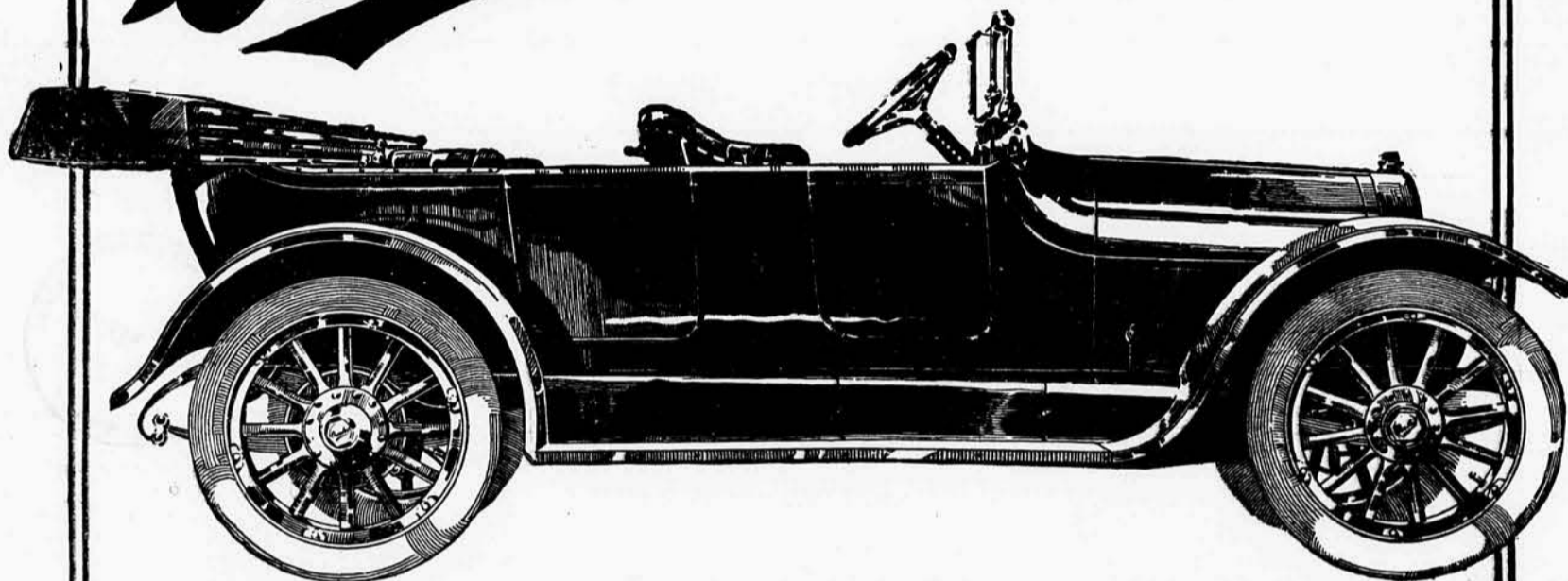
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# THE FARMERS MAIL AND BREEZE

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



Volume 44  
Number 37

TOPEKA, KANSAS, SEPTEMBER 12, 1914

Subscription  
\$1.00 a Year

## Place Money at Home

### Profits Made on Kansas Farms This Year Should be Used in Promoting a Permanent Agriculture

BY F. B. NICHOLS  
Field Editor

IT LOOKS as if this season is to be a profitable year in Kansas farming. The state produced the largest wheat crop on record at least, and it seems as if the returns from most other lines also will be above normal. Profits are going to be higher than the average, and it is important that they should be used in the best way; they should be placed where they will do the most to increase future returns.

A part of the increased returns this year must go to pay notes or other obligations of course; with some men all of the extra money must go in this way. This is not the case with many farmers, however, and there will be considerable money to invest this fall in farm extensions of various kinds, and in other ways. It is extremely important that these profits should be placed where they will tend to build up a permanent agriculture; the aim should be to place the money back on the place where it was produced. Use this money to make your place more productive and valuable; make it a better place in which to live.

Farmers in Kansas are past the point where there is any great temptation to invest money in wild-cat schemes away from home. It has been definitely shown that as a rule investments in fake promotion oil companies, ten-acre apple orchards, rubber plantations, mining stock and the like do not turn out well. The rule with investments of this kind is that one gets assessments in the future instead of the expected profits. It is well to pass all of these foreign investments by.

After one has decided to place the money at home, the question at once comes up as to what will be the most profitable form of investment on the farm. The answer to this is simple on a large proportion of Kansas farms—it is in the home. The most important things in farming in this state are not animals, or crops, or improvements, or implements, they are the children and the family life. It can be taken as an axiom that Kansas farming can never reach its greatest possibilities unless it is founded on contented homes. Proper equipment does much to make life easier and more agreeable, and to increase contentment.

On what part of the home equipment should the money be spent? That is an individual question depending on the tastes of the family mostly, but one of the much needed things in many farm homes is running water. I believe that as many young people have left the farms to go to the city because of the increased comforts which can be obtained there because of running water as for any other reason. A system of running water is not expensive unless you desire to make it very large and powerful. An improvement that will be very popular with women is a power washing machine and wringer.

Equipment of this kind can be purchased for as low as \$30, not including power, which frequently can be found on the farm anyway. It will do much to decrease the terrors of wash day. It is very easy to wash dirty overalls when an engine is furnishing the power.

A lighting system, musical instruments, an addition to the house, new furniture, an ice cave and many other things can be purchased for the average farm that will add much to the attractiveness of farm life. In fact this list is so large that most

they were not willing to stay with the game; they seemed to think that they ought to work up just as good a business in two or three years as other men who had been in the business a lifetime. This has been especially true with the hog men. Of course it can't be done; a man should start into the purebred business with the determination to stay, even if it doesn't return especially good profits the first year or two.

Along with the improvement in the livestock comes the question of soil improvement. A radical change must take place in the cropping methods in Kansas if we are to build up a permanent agriculture, for many fields are managed so they are tending toward soil exhaustion rapidly. No state can become great unless the fertility of the soil is conserved—a high-class civilization cannot be built on an exhausted soil.

Just what is needed in an efficient soil improvement scheme for Kansas? Well, quite naturally this will vary with the individual farm, but perhaps the most needed thing is the working out of a logical crop rotation in which the legumes are featured. Then if these crops are fed to livestock and if the resulting manure is carefully saved and returned to the soil, a good start will have been made in a system of soil improvement. More than this is needed, however, on most Kansas farms.

Perhaps southeastern Kansas soils need to have more money spent on them than the land in any other section in Kansas. A very high proportion of the farms in that section have at least some soil that is too wet, and which never will pay the best returns until it is tile drained. An investment in a properly laid tile drainage system in wet soil always is a good profit producer, for such land generally is very rich, and if the surplus water is removed a crop is insured for almost every year. Remember that a tile drainage system will make a soil more drouth-resistant in a dry year, strange as this may seem.

Many efficient improvements can be made in fields that require no extra expense except labor. I have in mind the work done on a 14-acre field in Woodson county in the spring of 1909. Much of this field is hardpan, and as it is somewhat sloping it had washed quite badly; gullies had formed in many places. There were two acres of rocky land which had grown up to buck brush adjoining this field which the owner determined to clear up. Most of this buck brush land had been used by former owners as a feed lot, and it was rich. The rock was piled at the lower edge of the field to catch the wash, and the buck brush was placed in the ditches through the field, to hold the dirt. About \$25 worth of labor was required to make this improvement. Two acres of

(Continued on Page 23.)



More Alfalfa is Needed on Many Kansas Farms.

farmers would do well to use much of the increased profits for the next year or two in buying these aids to a happy home life. When you consider the matter carefully you will find that you are making an investment—you are investing in a contented family life, and there is no form of investment that pays a larger dividend than this.

When one gets to the productive improvements on a farm that yield a dividend in ready cash, he will find that taking Kansas as a whole one of the most needed investments is in better livestock. While it is true that there are many fine herds and flocks in this state, the average of the farm animals is not up to nearly so high a standard as it ought to be. An investment in a purebred sire that has real merit is needed on a very high proportion of Kansas farms.

Probably there will be many of the younger farmers who will get a start in purebred livestock for the first time this year. They cannot make a better investment if they have a love for livestock, and a willingness to stay with the game until the herd is well established on a profitable basis. The trouble with many men who have failed in the purebred business in Kansas in the last few years is that



Increased Profits Easily May be Made by Producing Better Livestock.

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 Farm Doings.....Harley Hatch  
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Entered as second-class matter Feb. 18, 1906, at the postoffice at Topeka, Kansas, under the act of Congress of March 3, 1879.

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 Member of Audit Bureau of Circulations.  
 Published Weekly at 8th and Jackson Sts., Topeka, Kan.

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**CHARLES DILLON, Managing Editor.**  
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## PASSING COMMENT—By T. A. McNeal

### Banks and Legislation

There is a good deal of talk about the influence of big corporations on legislation. No doubt the railroads and other corporations have exercised great and often pernicious influence on congress. They have secured legislation that was to their own advantage and prevented legislation that they considered to their disadvantage but let me suggest that none of them has so powerfully influenced legislation as the banks of the country. There has not been a banking trust in the sense of a great all-pervading banking corporation but to all intents and purposes there has been a banking trust and it has controlled the action of congress in all matters pertaining to finance.

The banks have seen to it that no legislation passed congress that was inimical to their business and when they wanted some legislation they have managed to get it. They have not been partisan. On the contrary, they have been bi-partisan. They have controlled alike the leaders of both the Republican and Democratic parties and in the banking and currency law now going into effect they have the most complete double-riveted national banking combine and trust that was perhaps ever put into operation in any country under the sun.

When the postal savings bank act was passed the people hailed it with delight as something they had been wanting for a long time. They did not discover until afterward that the law was designed as a help for the private banks rather than as an accommodation to the people.

There is always a good deal of money hidden away by people who distrust banks. These people, however, generally have implicit confidence in the government and are willing to deposit their savings in government postal savings banks.

If a postal savings bank law had been passed permitting persons to deposit unlimited amounts in the government banks and providing also for the re-lending of the same to citizens on good security at say, 3 percent per annum; a very large sum would have found its way into these depositories even at the rate of 2 percent, which the law provides the government shall pay. It would also have been of great benefit to the people in that it would have tended to bring down interest rates all over the country. But that would not have been in the interest of the banks and therefore the law was not framed that way.

As originally passed the law provided that no individual could deposit more than \$500 and could not deposit more than \$100 in any one month. On these deposits the government pays 2 percent interest and then lends the deposits to private banks at a rate of 2½ percent. This is less than they pay for any other deposits.

The other day the lower house amended the original law taking off the limitation on the amount that could be deposited by any one person and also removing the limitation as to the amount that could be deposited in any one month. The bill then went over to the senate and here the banks got in their work. The house also agreed to practically everything that the senate asked so that finally the law is just a trifle more favorable to the banks than was the old law.

The new law permits a depositor to deposit as much as \$1,000 provided the board of trustees grants him that privilege. It also permits the depositor to deposit more than \$100 in any one month but the rate of interest is not increased and hereafter all the funds of the postal banks will be deposited in private banks unless, according to the language of the amended bill, "war or other exigency involving the credit of the United States so requires, the board of trustees may invest all or any part of the postal savings funds, except the reserve fund of 5 percent herein provided for in bonds or other securities of the United States."

This means that under ordinary conditions all of the funds gathered up by the postal savings banks will be turned over to the private banks at 2½ percent interest and by them re-lent at from 6 to 10 percent.

### What Might Be Done

What the country needs is cheap capital. The people need to be relieved from the enormous back-breaking burden of interest. There is unlimited room for development that would mean the vastly increased comfort and prosperity of the people.

I have it on the word of a practical electrical engineer who has had much experience in the building and installing of electrical plants and who is the

inventor of numerous electrical devices now used in this country, that it would be possible right here in the city of Topeka, if our law permitted, to build a plant in the Osage county coal fields, manufacture gas from the coal and with this gas, operating through the most improved gas engines, manufacture and transmit electricity to Topeka at a rate that would enable the citizens of the city to light and heat their houses with electricity more cheaply than they can light and heat them with gas at twenty-five cents a thousand feet, when gas is abundant.

Imagine if you please, the comfort and convenience of such a system of lighting and heating. But private capital will not undertake the enterprise—first, because it is a new enterprise and the people who control the money, what there is in this country, are not willing to risk it in untried enterprises. If the capital is furnished at all it must be furnished on gilt edged security and at a high rate of interest.

If the government would establish, as it should, a government banking system, and that could be brought about most easily by an enlargement of the postal savings bank system, the credit of Topeka and other cities could be used to put into operation just such public enterprises.

If the city of Topeka were permitted to deposit in the government bank a non-interest-bearing bond for 10 million dollars, that would be better security for government currency than the security that is required of the banks to get currency under the provisions of the Aldrich-Vreeland currency law. With this bond as security the government should issue to the city so much currency as might be necessary to pay for the building and operating of a city electric lighting and heating plant.

On the currency issued to the city there should be a tax sufficient to pay the expenses on issuing the currency by the government and in addition I think there should be a slight sinking fund tax to provide for the gradual redemption of the currency. With this cheap currency the people would be enabled to build and operate such a lighting and heating plant as I have suggested. It could also in the same connection operate its own street car lines and other public utilities.

But the municipalities should not be the only concerns to benefit from the utilization of credit through a government. The farmer should be permitted to deposit in the government bank his non-interest-bearing mortgage bond on his land and with this credit established should be permitted to draw on the government for currency to the amount of his security, on the same terms as to tax on the currency furnished as the municipality.

The laboring man in the city owning a house and lot should have the same privilege. In short, the people should be permitted through government agencies to utilize their own credit for the purpose of exchange of wealth already produced and for the additional purpose of enabling them to develop more wealth and more comfort.

There are two things that today are doing more than anything else to break the back of industry. One of these is the burden of interest and the other is the burden of militarism. The world ought to get rid of both.

### A Californian's Suggestion

Writing from Kingsburg, Calif., A. L. Cross makes the suggestion that the government should own the markets. I presume Mr. Cross has in mind a governmentally controlled system of markets. He says, "I think we should have an information bureau in Washington, D. C., and a clearing house in each state. The Farmers' Society of Equity system should be carried out by the government when the greatest efficiency could be obtained at the least expense. I would like to see your comments on the system. It would rid the country of all gambling in farm products and allow the crops to go on the markets meeting the law of supply and demand instead of the caprice of the bulls and bears. It would lower the cost of living and raise the price to the producer. It would banish the commission men with all their fraudulent methods.

"The gambling boards of trade would be things of the past. A clean system of exchange would take the place of the present system with which no one is satisfied. The information now gathered for the crop gambler would then be used for the good of both producer and consumer."

That is a suggestion worth considering. It is in line with the idea of a general, comprehensive sys-

tem of production and distribution that will save waste, eliminate speculation and unearned profits. Of course the scheme is so large that it would be impossible in an article of ordinary length to discuss the possible details.

### Riparian Rights

Editor the Farmers Mail and Breeze—I have been told that the government has control of fifty feet along the river from the edge of the water. As my farm borders on the river would like to know.  
 Clay Center, Kan. A. CRAIG.

The government has the right of control in fact the ownership of navigable streams from bank to bank but does not own the land adjoining the navigable stream. As I presume Mr. Craig's land lies on the Republican river he would not be affected as the Republican is not considered to be a navigable stream. The Kaw is considered navigable, although we know that it is only navigable in a theoretical sense, but the Republican is not.

The owner of land on one side of a stream that is not navigable holds title to the center of the current. If his land lies on both sides of the stream he owns all the river. His right of dominion is limited, however. He would not have the right to deprive his neighbors living farther down the stream of all the water that would naturally flow down to them. He would be allowed to take a part of the water but not all. On the other hand he would not be permitted to dam up the water of the stream to the damage of his neighbors living higher up the stream without becoming responsible to them for whatever damage they might suffer from the backing up of the water on their lands.

### Should We Have a Large Standing Army?

Editor the Farmers Mail and Breeze—I have been reading your paper for a number of years and I notice that you advocate the small standing army, if not the doing away with the military. Suppose, Mr. Editor, that Germany wins this war, which there is every prospect that she will, in that event the German Empire will be the master of Europe. Then suppose the Germans should turn their attention to this country and attempt its conquest for some purpose. Would you be willing, in order to prevent war, to have this country lie down and offer no resistance? We could then become a part of the German Empire and American institutions would crumble. Don't you think, Mr. Editor, that would be a pretty dear price to pay for peace?  
 Fredonia Kan. ALBERT KING.

There are three assumptions in the above letter with which I do not at all agree. The first is that Germany is likely to win in the present contest and become the master of Europe. The second is, that in that event Germany would undertake the conquest of the United States, and the third is that without a great standing army the United States would be at the mercy of Germany.

It is true that so far the German arms seem to have somewhat the advantage. They have overrun Belgium and invaded France. But unless all history is at fault they have probably reached the crest and within the next six weeks the tide will turn the other way.

No one can read the so-called news from the war without knowing that what reports we get are so indefinite and inaccurate that we cannot more than guess at what is actually being done. However, we do know a few things. We know to begin with, that Germany has been preparing for this war for many years and that she has the most powerful military machine ever constructed. We know also that being a compact nation with unrivaled facilities for mobilization of troops and transportation of the same, she was prepared to strike with sudden and terrific force. Everything indicates that the German military authorities depended on throwing all her forces into the field at once, dealing France a crushing blow and then turning on Russia before that powerful but slow moving empire could get her forces into action.

The plan was checked temporarily by the unexpected resistance of Belgium but in spite of that, Germany would undoubtedly conquer France if it were not for the assistance of Great Britain. Great Britain is not a military nation in the sense that Germany or even France is a military nation, but has always shown great latent powers when once engaged in a war.

Great Britain has only fairly got started. Reinforcements are going forward not only from England, Ireland and Scotland but from the colonies. The powerful outer line of defenses stretched about Paris have not yet been touched and when we remember that France alone, after the crushing defeats of Sedan and other great battles in which her principal armies were captured or destroyed, still

maintained a stubborn defense of Paris for more than four months and with defenses not to be compared in strength with the present defenses, it is idle to assume that Germany now with the allied forces arrayed against her is going to march victoriously into the French capital.

A declaration of war is daily expected on the part of Turkey. If it comes, and it probably will have come before this is read, it will certainly be to the disadvantage of Germany for it will mean that Italy, Greece and probably all the Balkan states with the possible exception of Bulgaria, will take up arms against Germany and Austria. Turkey can hardly put an effective army of more than half a million men into the field while Italy, Greece and Roumania can easily put one million fighting men in line. That Germany and Austria will be able to put up a powerful fight against all the allied forces is not doubted, but the chances of final victory are decidedly against her.

The best that Germany can hope for is a sort of drawn battle. It is possible that all the powers engaged may become so exhausted by the drain on their resources that they will be ready for a compromise but in any event it will not leave Germany as the dominant power in Europe.

The third assumption is that Germany, having become the master of Europe will then turn her attention to conquering the United States—in other words, that she would undertake to become the mistress of the world. This is certainly not within the realm of probability and hardly within the realm of possibility for the reason that even if Germany should be able to conquer all Europe by the sword and make the other nations tributary and vassal provinces they would never be willing vassals and would be watching continually for opportunities to throw off the military yoke. If then Germany should undertake to send her forces across the sea to conquer America it would certainly invite a general uprising in Europe which would mean the overthrow of the German power.

The further assumption of Mr. King is that without a great standing army the United States would be helpless against such an attack from Germany although we have shown in times past that without standing armies of any considerable size our people have when necessity arose, developed great fighting power and they would do so again if this country were invaded by a foreign foe.

But if our safety lies in a standing army and that alone, then we must have a standing army that will be able to meet and conquer any standing army that can be brought against us. In other words, this country must be turned into a great military camp as Germany has been for the past forty years and more. We must go the limit. We must have compulsory military service and compel every able-bodied young man to serve his time in the ranks. We must build up a military aristocracy as Germany has done and make the civil completely subordinate to the military.

It is useless, on the theory that our safety lies in standing armies, to have a small standing army or even a much larger standing army than we have now, for on that theory we must be prepared to meet any military force that can be brought against us. That would mean the complete subversion of our governmental policy. It would mean the end of popular rule. It would mean the establishment of militarism instead of democracy.

There is no middle ground. If the only safety of nations lies in armed force then all talk of the rule of the people is empty and all civilization is a mockery.

Militarism is simply the old rule of might based on the theory that the weak have no rights that the strong are bound to respect; that there is no such thing as honor among nations; that he will take who can and he will hold who is able. To that theory I am everlastingly opposed. I believe that this nation can have a greater influence by being a peaceful nation than by undertaking to ape the infernal militarism that has brought on the most wicked and destructive war of all the centuries. I believe that we ought to say to the nations of the earth that we believe in peace and honor; that we will give our neighbors no cause to attack us and that we will make no preparations to attack them; that we will assume that they intend to deal fairly with us but that if there should be a nation that violates every principle of honor and fair dealing and for purposes of conquest attacks us, a friendly and peaceful people, we will resist such invasion to the extent of our power.

And let me say that the nation that would so violate the better sense of mankind would invite universal execration and eventual destruction.

### One More Chicken Raiser Writes

Editor The Farmers Mail and Breeze—Will you please view the trespassing of chickens from still another angle? I am one of many or all farmers who do not keep their poultry fenced in. I also live near the division line between my 160 acres and my neighbors' farms. These neighbors raise wheat every year. I do not. I raise, say 150 chicks a year, also some turkeys and ducks. Some chicks and ducks do trespass on my neighbors' wheat but destroy but little. They hunt insects. Still neighbors mutter and growl occasionally. But when the grasshoppers are devouring their fields of alfalfa and the turkeys clean them out by trespassing they never cheep as long as the grasshoppers last. One man wished that he could borrow turkeys by the hundred to put on his alfalfa fields. Turkeys more than pay their way in the destruction of insects. Ducks do not trouble the wheat. I am so situated that I am compelled to have

my fields of kafir and corn next to the wheat fields of my neighbors. After their wheat is harvested their chinch bugs by the million swarm over onto my corn and kafir and destroy from a rod to three or four rods of my growing crops, but I cannot call on the owner of the said chinch bugs to come after them and fence them in, or I'll sue for damages, which are far in excess every year of any damage done by my trespassing poultry. Last year being dry, the bugs from my neighbors' wheat ate up and killed about four acres of sowed kafir.

I know that farmers depend on poultry to eat what otherwise would go to waste on the farms around the barns, feed yards, hog pens and orchards. So far as chickens are concerned there is but a small per cent of them that trespass and what they eat is but a drop compared with what chinch bugs destroy. As for turkeys they pay their way, unless there is a corn pile for them to run to.

I have always paid for any damage my poultry may have done. Nor do I wish to go on record as believing in trespassing stock, and barring accidents do not let my stock run. If farmers had to fence their poultry in it would be needless expense. When the legislature passes a herd law for chinch bugs and grasshoppers then ditto poultry. Few farmers raise poultry by the thousands. The number that go on the wheat is small. When you scold about trespassing poultry on the wheat remember the bugs.

Smith Center, Kan.

"GOTTA GROUCH."

It occurs to me that this is rather a fruitless discussion. I have simply stated what the law is. There is no law compelling anyone to fence against chickens, and furthermore, if chickens or other poultry do trespass and cause damage, the person so damaged has a right of action against the owner of the trespassing fowls and can recover for whatever the actual damage may be. If there is no damage and the owner of the fowls can show that, I apprehend that no fair minded jury would allow any. Neither is the owner of fowls required to fence his fowls in except of course in the towns where the matter is regulated by ordinance. However, if a chicken fence were required at all it seems to me that it would be more equitable to require the owner of the poultry to fence his fowls in than to require his neighbor to fence them out. The analogy which the writer draws between trespassing chinch bugs and chickens is not well taken for the reason that there is no such thing as private ownership of chinch bugs and grasshoppers, and therefore no one can be held responsible for their depredations. Farmers do not raise chinch bugs and grasshoppers for profit nor do they have any property interest in those harmful insects.

One correspondent whose letter appeared a few weeks ago believed that it was very easy to fence against chickens. If he is right it certainly would be as easy to fence them in as to fence them out. If on the other hand it is not profitable to fence your fowls in then you must simply take your chances on getting along with your neighbors.

Some people of course, are unreasonable, but speaking generally if you are willing to be fair with your neighbors they will be fair with you.

### Initiative, Referendum and Recall

Editor The Farmers Mail and Breeze—I am writing you in regard to the recall and referendum as it appeared before the legislature last session. Would be very grateful to receive a copy of it. Is it true that it was changed some while before the house? Our representative pledged to vote for it, voted against it. His excuse was that he voted for it as long as it was fit to vote for and finally it wasn't fit to become a law so he voted against it. Was such the case? Did the measure become unfit to become a law? Please answer through the Mail and Breeze.

Marysville, Kan.

MRS. R.

The writer is evidently laboring under something of a misapprehension which I will try to clear up before answering the last part of her question.

The initiative, referendum and recall can only become law by amendment to the constitution. All the legislature does is to submit the question of amending the constitution to the people.

A recall amendment was submitted by the last legislature. This amendment will be voted on in November.

The question of submitting an amendment providing for the initiative and referendum was taken up separately by the legislature and I will try to give the substance of the controversy between the two houses of the legislature and the reason for the failure to submit the amendment. The lower house, by I think, a practically unanimous vote directed the judiciary committee to prepare a resolution amending the constitution providing for the initiative and referendum. The judiciary committee prepared and presented such a resolution. The resolution provided for the initiative but also provided that when a measure was initiated by petition it should first be submitted to the legislature and that body should be given an opportunity to consider and pass the measure. If the legislature passed the measure as initiated by the people then it would become a law without being referred back to the people. If it refused to pass it the bill would be referred to the people. This seemed to be a wise provision as it would accomplish all that could be asked for without the expense of another election. The resolution also provided that the people initiating the measure could appoint a legislative committee who should present the measure to the legislature and this committee was given authority to suggest or agree to amendments to the bill that had been initiated. It also provided that measures initiated and passed by a referendum vote should be subject to review by the courts just as other laws are subject to judicial review.

This resolution was substantially a copy of the

initiative and referendum amendment submitted by the Democratic legislature of Ohio and later adopted by vote of the people of Ohio. The resolution as proposed by the judiciary committee was passed by a practically unanimous vote of the members of the house.

Meantime the senate passed a different kind of an initiative and referendum resolution. The senate resolution introduced by Senator Wagener, provided for the initiating and referendum of bills without submitting them to the legislature at all but did not provide for review by the courts of any bill so referred.

The house by a practically unanimous vote refused to agree to the senate resolution and instructed the house members of the conference committee to stand by the house resolution. The conference committee made up in part of members of the house and members of the senate could not agree. A second conference committee was appointed and again instructed to stand by the house resolution and again the conference committee failed to agree.

Then a majority of the members of the lower house agreed to surrender and accept the senate resolution. The minority refused to agree to the senate resolution but had an agreement with a sufficient number of senators that if the house would stand firm for its resolution the senate would agree to the house resolution.

The majority of the house, however, did not stand by this proposition and as a result no initiative and referendum amendment was submitted.

Now as to which was the better amendment, the one proposed by the house and passed almost unanimously by that body, or the one submitted by the senate, that is a matter of opinion. Personally I am of the opinion that the house resolution was better than the senate resolution but I am not prepared to say the senate resolution was altogether bad. I might also say that in my judgment the leaders on both sides were playing politics and that they probably were rather more anxious to secure some political advantage than they were to get an initiative and referendum amendment before the people.

## Spending The People's Money

Some day the average man is going to take a much deeper interest in politics than he does now. He will find that he must.

Many a man who owns comparatively little property, imagines and sometimes boasts that because he owns so little he is escaping the growing burden of taxation, local, state and national, which others have now to bear. He hasn't realized yet, that the person who owns no property at all may be paying more taxes and carrying more of this burden in proportion to his means, than the man called "property poor."

The biggest tax we pay in America is the indirect invisible tax which enters into the price of everything we buy. This is the tax which really furnishes the immense revenues for conducting the public business. The manufacturer puts the cost of his taxes and other expenses on his goods and adds enough more to the price to give him a safe profit. The jobber adds his, and the retailer his. The consumer pays it all.

This is one reason why we should give more attention these days to the doings of congress.

There have been some extravagant Republican congresses.

There have been Democratic conventions. And plenty of them have pledged themselves to economy and retrenchment. Yet the burden of public expense has doubled, in less than ten years.

One of the strongest planks in the Democratic platform of 1912 was the one condemning Republican extravagance and pledging national retrenchment.

In April when the sundry civil appropriation bill calling for \$116,795,327 was before the Democratic House, that body, by a vote of 221 to 110, passed, a "gag" rule permitting only forty minutes of debate on the bill. No opportunity was given for amending it. No motion to recommend it was permissible under the rule. This meant that the bill had to pass, in the form a few men in a committee room had agreed upon among themselves, without change and without the scrutiny of the men supposed to represent the interests of the people. They had surrendered when they voted the gag rule.

Both houses of this Congress, so strongly pledged to economy of expenditures, have revived the old and rotten river and harbor graft on a colossal scale. As constructed, it is purely a pork-barrel measure in behalf of influence and votes for congressmen and senators. It will entail an expense of 93 million dollars, about a dollar for every man, woman and child in the United States. There never has been so stupendous a raid on the public treasury by any congress as this one. And this congress stands pledged to retrenchment and economy.

The moral of this is, not that all political parties are faithless, not that campaign pledges are made only to be broken, but that we cannot be too particular about the kind of men we send to Congress, nor too observant of what they do when they get there. And this also is true of administrations, of whatever shade of politics.

Arthur Capper

# Corn Work Delayed by Rain

## Late August Surely Was a Wet Period

BY HARLEY HATCH

IT HAS been a good many years since the last week in August was as wet as it was this year. Rain followed rain and in some of the storms fully 2 inches fell. Everything is soaked at this writing, August 29, and it will be the last of the week before corn binders can run in many of the fields.

It is so wet in some places that it is a task even to get out the corn needed for the hogs. The horses drawing the wagon go in the mud half way to their knees.

We saw a farmer buying a bushel of potatoes in town, yesterday, because his potato patch was too wet to dig. And potatoes are not cheap, either. We heard the clerk tell the farmer that the price was 30 cents a peck. While potatoes are not a very good crop here we did not think they were so scarce as to justify that price.

From what we have seen of the fetterita on the road to town we think still less of it as a crop for eastern Kansas than we did before the rains. A fine field of this grain lay flat on the ground yesterday and we very much doubt whether it ever gets up again. Part of the field was in the shock but the long continued wet spell will spoil the fodder without doubt and likely will damage the grain.

On this farm it does not seem that corn cutting will begin inside of the next ten days. Corn that has begun to dry will, many times, dry up still faster after a rain but our corn is still green and the husks on the ears have not yet begun to turn. We are hoping that by the time corn cutting comes for us it will be dry. We had enough spoiled fodder to contend with last year.

We began last week, to tear down part of the house in which we live. It has stood for 30 years, and had it been rightly built it should have stood for 30 more. But it was a contract job, so neighbors tell us, built by men whose only thought was to put it up in as big a hurry as possible so they could get back to town. It does not pay to let the contract for a house unless the man having it built can be on the job all the time.

For some time the house we tore down has been spreading at the bottom. Investigation showed that it was boxed on the inside and that there was not one thing to hold it together except the upper floor joist. As we wanted a little more room we tore down the old part and are now building it up again. While a wet time is not good for building operation in one way it is good in another; the wet lumber does not work well but it is so wet we could not work in the field so we lose no time on that score.

We hear much about the better quality of lumber sold years ago, but the tearing down of this 30-year-old house did not disclose any that was better than the new stuff we are using. In fact, we doubt if the 2 by 4 stuff was so good as that we buy now. The dimension and boxing in the old house are all yellow pine but the sheeting on the roof, the finish lumber and the siding were all white pine. This we cannot duplicate today. It is our intention, however, to put no yellow pine outside. The siding on the new house will be of cedar, the shingles red cedar, the cornice and all outside finish cypress. The living room is to be finished and floored with oak which we find costs little more than edge grain yellow pine and we believe, looks much better.

So you may know from the foregoing that we are going to be middling busy for the next few days. We are working as carpenters now and expect to hold our job until it comes to the finish; then we will lay down the hammer and saw and let the genuine carpenters finish the job. We can help to put up the frame, do the boxing, put the sheeting on the roof and lay shingles. There we stop. We cannot saw a good enough joint to put on siding and we would not think of tackling the finish. But by the time we are at an end as carpenters

corn will be ready to cut and then will come manure hauling and kafir cutting. As we have a pretty good crop of corn to husk we are not likely to be out of a job before Thanksgiving, and perhaps not by that time. But we don't regret the work that goes toward harvesting the crops; we are mighty glad to have crops to harvest.

The rains have made the peaches juicy. It has been years since we have seen the seedling trees bend so beneath their load of fruit. Seedling peaches do not sell very well unless they are very good. For good peaches of this class about 50 cents a bushel is paid but the budded fruit brings from \$1 a bushel up. Seedling peaches are very good to dry, and it is no exaggeration to say that thousands of bushels are out on racks in Kansas drying right now. Sugar is very high and not so many peaches are being canned as usual but more are being dried. An old window screen with the wire still on makes a fine peach drier; it can be handled easily and the fruit dries from beneath, which it does not do in case boards are used underneath.

Many persons do not like dried peaches but we do. We prefer them to the canned kind, but our taste is mighty low anyway. We would rather have a plate of fried mush than a custard pie, and prefer an Irish stew to the finest course dinner served. We have often thought that if fried mush was as scarce and difficult to get as some of the exotic fruits that cost so much it would be a favorite-dish for millionaires. As it is, fried mush is cheap so it is left to poor folks who get the bulk of the good things to eat anyway, simply because they are cheap.

A neighbor has a hired hand right from Russia. He got out on about the last ship that left port before the embargo on prospective soldiers was put on. He was held at Libau for 15 days before being allowed to sail and then for some reason they allowed him to go. When the ship he was on reached Boston the news was waiting them that war had been declared. To say that this man is happy is stating it mildly; he is so glad to think what he has escaped that he has not English enough to express himself. He says that the war is an aristocrat's war and that the common people did not want to fight and had no ill feeling at all against the people with whom they are now at war. Europe will never escape from the curse of militarism until she has popular government. Does anyone imagine that if it had been left to a vote of the people of Europe there would have been any war? Farmers hereabout are expecting very high prices for most farm produce if the European war continues.

## Silage for 50 Cents a Ton

I have used a stave silo, 18 by 20 feet, for four seasons. Our first experience in filling the silo was rather expensive as ours was the only silo for miles around. The next year, however, several of our near neighbors bought silos and by co-operation we were able to fill the silos much more cheaply. Under reasonable conditions we can fill a silo for 50 cents a ton.

We have fed silage to cows, calves and stock cattle with excellent results. The silage we wintered our stock on last winter was made from corn that would have been worthless otherwise as there wasn't an ear in the field. During the dry weather last summer we fed silage to our milk cows with good results. I do not see how any one who keeps stock can afford to be without a silo. The man with a silo can convert what would be wasted otherwise, into good nutritious feed.

R. 3, Ottawa, Kan. C. E. Reed.

The cow that is kept comfortable will be more profitable than one that has to fight against things that are a discomfort.

London has a club whose object is to help working women who have talent for writing.

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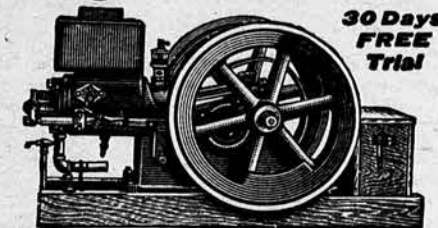
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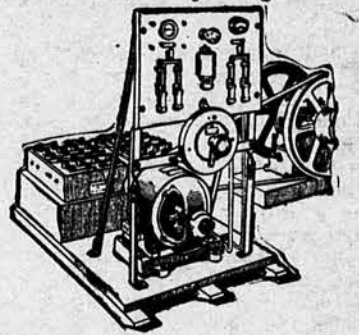
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All-metal, galvanized, indestructible, airtight, non-absorbent, moisture proof, unmanufactured by weather conditions, will not warp, shrink, sag nor crack. Only silo reinforced with 6 thicknesses of metal at intersection of joints. Perfectly tight round metal hinged doors. Write us now and receive our illustrated silage booklet free.

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# "All Aboard" For Topeka

The Big Fair Opens Next Monday—Some of the Interesting Features You Will See and Hear There

FOR more than thirty years the people of Kansas have been making annual journeys to Topeka for the exhibitions of the Kansas State Fair association. This annual event, closely linked with the history and development of the state—has for years been recognized as a fair of unusual interest. Years ago when Kansas was young, the easterner visited the Topeka fair grounds to see the wonderful displays made by the farmers of the new state. At that time, and ever since, the people of Kansas have gathered at the Topeka fair to learn from one another and to keep abreast of the times.

The Topeka fair has been, and will this year, be a fair of education and entertainment. Experts of national reputation will deliver lectures of special interest to the stock breeders and farmers. There will be speakers from the Farmers' Union and the State Grange, Union and Grange displays, county collective exhibits, a farm demonstration department, butterfat contest, and a dairy display.

The fireproof brick and concrete cattle and horse barns with spacious stall room for 900 head of show stock will be filled. The finest herds from ten states are already entered and others are coming. The swine and sheep pens with accommodations for 1,200 head will be filled. Every state in the "swine belt" will be represented in the swine show. There will be the colt show, the bee and honey display, the ten acres devoted to farm machinery and many other departments of special interest to farm folks.

There will be hundreds of babies in the "Better Babies" contest, from all parts of the state. No greater interest has ever been shown in a new department than is being shown in the baby section. There will be attractive art, needlework, home departments and a cooking school.

The horse show every night, in the brilliantly illuminated pavilion with seats for 5,000 people, will be the most gorgeous event of the kind ever held in the state. The finest horses and fancy hitches from private stables that compete in the largest eastern cities will be there. Miss Loula Long, daughter of R. A. Long, the Kansas City millionaire, has entered the finest horses at Longview Farm. She will have 15 horses and 14 fancy rigs. Among her entries will be "Revelation", the horse that won first at the Madison Square Garden show in New York, also the King Edward cup at Toronto. He has won 16 championships, all told.

The Davis stable from Marshall, Mo., includes "Gingerbread Man", a famous high school horse. O. J. Moorer has entered his stable which includes the winners of first, second and third prizes in open classes at the Iowa State Fair. E. D. Moore, of Columbia, Mo., has entered his stable including "Eloise Thornton", the undefeated chestnut mare that is entered in the futurity at the Panama-Pacific exposition.

Capt. H. R. Richmond, instructor of the mounted service school of the U. S. army, will come from Fort Riley with the officers and horses that took part in the ceremonies attending the coronation of King George, at London, and the Olympic games at Stockholm. These horses won in competition with horses from all countries of the world and were pronounced by the kings and queens who saw them to be the most wonderful animals ever exhibited. Among these horses will be "Lexine", the \$2,300 horse given to the U. S. army by August Belmont, the New York capitalist. He holds the world's high jump record.

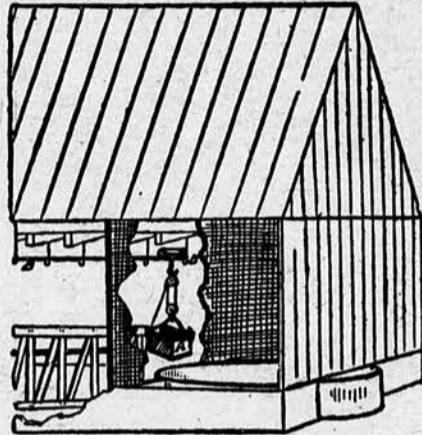
Plenty of music and amusement have been provided for every morning, afternoon and night. Conway's celebrated New York band and Marshall's band from Topeka, will give free concerts every day. The New York grand opera singers and mixed quartette will be free attractions daily. There will be 1,000 voices in the grand Sunday school chorus. Johnson's Alaskan menagerie, Lukens' trained wild animal show, free vaudeville and circus acts and Parker's mechanical amusements will be among the entertainment features.

There will be harness and running races every afternoon on the fastest

half mile track in the West. More than 300 horses are entered in the races and the speed department promises the best races in the state this year. The Kansas Derby will be run Tuesday, September 15. It is "the big fair—meet me there"—September 14 to 18 inclusive.

## A Pit Silo Under Cover

We have a pit silo and small barn in connection with it. We first marked off a circle 14 feet in diameter and then dug a trench and placed forms for a curb 5 inches thick and 3 feet high around this circle, reinforced with hog wire fencing. When the concrete was well set we began to dig the ground out inside the curb. We dug down 5 feet then plastered down and so on to the bottom, putting on two coats of cement about 3/4 inch thick. In this way we didn't need any platforms. We went only 18 feet deep but can go deeper when needed as we did not plaster the bot-



Pit silo in one end of the cow barn with track running over the feedway—a handy hoisting and feeding arrangement.

tom. In taking the dirt out we used a derrick with rope and pulleys and raised the dirt with a team.

The barn was built partly over the silo to economize in building material and besides furnishing a roof for the silo, it makes a good place to store dry feed. In making and filling this silo we were only out about \$25 in cash. Of course, we figured nothing for our work and we exchanged work in filling. The cement cost only \$9.

We put corn stalks without any corn on them in the silo, cutting them into one-half inch lengths. This silage kept fine, only a little on top and around the sides spoiling. The cattle would hardly touch the same kind of fodder put up dry.

Selden, Kan. George B. Shields.

## For the Man in the Silo

When filling a silo the heavy material like corn, ears and heavy butts of the stalks falls to one side of the silo and the light tops, and dry leaves, fall to the other side. If this material is left where it falls the side with the heavy material will settle well but the other side will not settle well and will be likely to be drawn away from the wall of the silo. Thus an air space is left which will cause large quantities of this light material to spoil. There should be plenty of good reliable help in the silo to attend to the proper mixing of these materials and to distribute them. The center of the silage should be kept considerably higher than the edges, and the whole mass should be thoroughly trampled. One man should keep the edges thoroughly packed and crowded down against the wall all around.

In feeding from a silo one should be careful to remove a layer from the top of the whole mass every day to prevent decomposition which takes place very rapidly after the silo is opened. As the stock will need some dry feed along with the silage and some protein feed to balance the ration, it is best to feed a mature animal about 20 pounds of good corn, cane or kafir silage, morning and evening, and all the clover or alfalfa they will eat at noon.

H. Willis Smith.  
Garden City, Kan.

# Carey-ized Rock Salt

*Saves Money and Trouble*

When you come to the Kansas State Fair which will be held at Hutchinson on Sept. 14 to 19, or to the Oklahoma State Fair, Oklahoma City, Sept. 22 to Oct 3, we invite your special attention to

## Our Exhibit of Carey-ized Rock Salt

This salt is the greatest boon to farmers and their live stock ever put on the market. It meets the pressing need of the stockman for a salt that he can place in the open field or feed lot, so that his live stock can get all the salt they want at any time, without bother to him, and without waste.

Carey-ized Rock Salt comes in 50-lb. blocks which you can saw into any size you like. It is white as snow; almost as hard as rock and as smooth as glass. Has no rough edges to make animal's tongues sore; no impurities to make them sick; will not crumble or scale; not affected by rain, and cannot be trampled into the ground.

**We want to give you a free sample lump of this wonderful salt, and make your acquaintance. Come and see us at the Fair.**

If you should fail to see us at the Fair, write us for your free sample of Rock Salt and it will be sent you from our factory all charges paid. Also, give us your Salt Dealer's name, when you write to us.

**THE CAREY SALT COMPANY**  
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HAVE SAVED MANY MEN 50%

## FARMERS LUMBER Co.

(Capital \$250,000.00)

24th and Boyd, Sts., Omaha, Nebraska.

# King Alcohol is Crowned

## But "Denatured" Hangs Over the Throne—His Scepter a Mop

BY ALICE MARGARET ASHTON

**M**OST good housekeepers agree that for general and thorough cleaning, nothing is quite so satisfactory as the time-tested combination of clean water and good soap.

But unless one is to be a slave to housekeeping, there are daily and between-time cleanings of a compromising nature that help put off the strenuous day of a thorough "going-over"; and the easier such between-time cleanings may be accomplished the better.

The cleansing property of dematured alcohol is not appreciated as it deserves to be. Alcohol is safe to handle, lacking the explosive property of gasoline; the odor is not lasting; and when a drop is accidentally spilled, no grease spot is left as is the case with kerosene.

### Keep the Windows Bright.

In every house there seem to be special windows that never stay slightly until the appointed day for window-cleaning, and it is always a dread to get out the regular paraphernalia for those few windows. But it always seems easy to pour a spoonful or two of alcohol in a small dish, and with a crumpled tissue paper moistened in this, to wipe off the windows and polish with a fresh paper. This leaves the glass wonderfully clear and bright. It is especially agreeable during cold weather as there is no water to freeze on the window or to chill the fingers; the work is accomplished easily with the hand protected by a glove or mitten.

This method is equally good for the mirror in the bath-room or the one above the kitchen sink.

### When It's Candle Lightin' Time.

Rare indeed is the busy country housewife who can find time every day to thoroughly clean all the lamps in her house. Among the more numerous if less fortunate of us, it often happens that the lamp we especially need to use is not as clean as we might wish. With a bit of soft tissue paper moistened ever so slightly in alcohol, it is a simple and neat operation to polish first the chimney and then, with the soiled paper, the fount and burner.

In all these instances, too much alcohol should not be used as it leaves upon the surface of the glass streaks which it requires much polishing to remove; the merest moisture is all that is required. When the work is finished the papers are burned and there is no cleaning up after the cleaning.

### Use It in the Cupboard.

Many housekeepers do not like covering the pantry shelves with papers for the reason that, when the papers become soiled, everything on the shelves must be removed in order to take off the soiled papers and replace them with fresh ones. Here is a decidedly new way of letting the papers save work. When the stained or painted shelves show signs of dust or bits of foreign matter that have been accidentally dropped upon them, crumple a generous piece of newspaper into a convenient shape, dampen slightly with the alcohol and wipe quickly over the shelves. An extra application of the alcohol will do no harm on obdurate spots and in most instances will remove all trace of them. If the shelves are enclosed, leave the doors open for a time that all odor of alcohol may evaporate; this will require but a short time.

It is amazing to one trying this for the first time, how quickly a set of shelves may be made neat and attractive, and how much pleasanter is the work than when dusty papers must be removed or when water is used. As stated at the beginning, nothing can excel good soap and water for the periodical cleaning of cupboards and shelves, but the alcohol and paper will certainly chase away the weekly accumulations with surprising ease.

We have found alcohol an excellent help in keeping the kitchen presentable. Dust has such a way of showing up unaccountably on the oiled casings, but a hasty wiping with soft paper dipped in alcohol cleans and brightens the top of wainscotings and similar dust-catchers as does nothing else short of a genuine cleaning-day scrubbing.

Once given a trial, the bottle of dematured alcohol is almost certain of a place among the soaps, scouring powders and other cleaning agencies in the well-equipped kitchen. It should be kept out of the reach of children, for it is poisonous.

### How About Your School?

The necessity of a change in our rural school system becomes more urgent every day; but until the patrons of the schools arouse themselves to the needs of the future generation the present method of placing round pegs in square holes will continue, and the young people will spend precious hours in learning a mass of stuff that is of no value to them.

The first change should be in the books. It would be just as easy too, for the boy to read of the method of preparing the soil for corn, the selecting of good seed, the proper method of cultivation of the soil, etc., as to read one of these impossible fairy tales with improbable names and incidents. If our children are taught such unnatural lies in the schoolroom what hope have we for their veracity?

A lesson on the art of bread-making could be made just as interesting to the young girl as many of the senseless ones now in the readers. If in the beginning of their education the young folks are taught that there are interesting themes right before their eyes they will cease to look down on the farm. The illustrations could be made to show the difference between the well tilled farm and that of a bad manager, the difference between a well cared for animal and one that is allowed to silt for itself.

One day at least in each week should be given over to practical lessons in the soil. No teacher should be eligible to a certificate for the rural schools unless she is familiar with the subjects to be handled.

Those who doubt the success of this method, or think it unnecessary should take an inventory of their home school



Ready to start to school. Lillie Schlicht, Canton, Kan.

and see how many of the boys are in some other business than that of farming. The city will take a toll of a certain percent because their education has fitted them more properly for the counter than for the plow handle. They are taught how to make out a bill of goods, how to keep books, and to parse sentences, but they have no knowledge of how much of the different kinds of seeds to use an acre. They are taught to draw impossible flowers, but they know little about the anatomy of the horse or cow.

Fit the young folks for life. Give them the much needed opportunity to keep up with the modern improvements in soil culture, stock feeding, bee keeping, poultry raising. Give them problems they can solve at home by actual experiment that will perhaps not prove so costly as the little German boy's way of finding how many quarts there were in 5 gallons of beer. After it was partly measured his father ran across the street to borrow more bottles as those they had were all full, and "not more than half of 5 gallon yet emptied out," he said.

To test the pupils' knowledge, essays on given topics are fine. The subjects will be eagerly studied, and an essay on bread making will prove more successful, if rightly handled, than a flowery effusion on hope or destiny.

Dora B. Phillips.

Fall Branch, Tenn.

### Another Man's View.

The union of a convenient number of school districts into one would be a

credit to Kansas rural schools. The schools in western Kansas are often too small, from 3 to 5 pupils attending throughout the term. The united districts have a longer term of school and employ teachers with some normal training for their work. Attendance in consolidated schools is more regular with little or no tardiness. The children do not suffer so much from cold weather. The trouble that often originates among them on their way to and from school is done away with, for the driver is responsible. The stimulation from rivalry in class work is beneficial. Each school is equipped with better apparatus, a larger library, better furniture and decorations, and above all, a more substantial school building. Under the present system the terms are too short, some teachers have no normal training, the school apparatus is insufficient, the recitation periods are too short, there are few pupils, the attendance is irregular, and the whole system is too expensive.

Atwood, Kan. Frank Prochazka.

### Should Auld Acquaintance Be—

BY PEARL CHENOWETH.

Good old fashioned letters added much to the joy of living in days gone by. You remember how they began: "I thought I would drop you a few lines to let you know we are all well and hope you are the same." Then followed a lot of interesting news, news interesting at least to the writer and the recipient. Those letters were read and re-read and answered in much the same fashion. They kept brothers and sisters and cousins and friends in loving comradeship.

They were succeeded by post cards which filled a want in the lives of many busy people. Now that the post card fad is passing, it is a good time to revive the art of letter writing. You may not care to use the same stereotyped beginnings and endings, but the filling may be somewhat the same. The many little joys and sorrows that make up your life are interesting to those who love you and anyone who can pencil these in a simple straightforward way may write a good letter. Literary ability is not needed to write to a loved one. A certain family of grown children is reviving the practice of letter writing. One of them is a merchant in the far West, with a typical business man's dislike for letter writing. When he does write, every word from his pen is cherished and the brother or sister to whom his letter is sent sends it on to another member of the family who adds to it some pages about his or her work, or children, or prospects, and sends it on. The next recipient does likewise and, finally, after being read in seven homes, in five states all are sent to the aged parents in the old home who wait for it expectantly. Of course the father and mother receive postcards with brief messages, but they cannot take the place of good letters.

This method is to be recommended to those who of necessity lead strenuous lives. For those who have more leisure, nothing is quite so good as a heart-to-heart tablet talk.

The best time to answer a letter is immediately after receiving it. Then the warmth of friendship and the intelligence received most forcibly cooperate. At no other time will you be in such a good mood for writing a letter. So put away other cares and answer your letters without delay if you want them to be perfect.

If there is a time to write letters, there is also a time not to write them. That is when you are depressed in spirit, discouraged, angry, or tired of living. You may say nothing of these in your letter but they will be in your heart and your reader will know it. Sometimes that which creeps in between the lines is most legible of all.

A woman suffering a trivial disappointment wrote a letter to her sister in a distant city. Within an hour she was able to put away her grief and was her usual sunny self, but her winged messenger was speeding away with its pessimism. No mention of the disappointment was made, but the sister as she read, felt that something was wrong. She read the letter again with a deepening impression that all was not well with the writer. Her fears were not lost until the second letter, quite normal, arrived from her sister several weeks later.

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**Helping Out the Sick Child**

BY A. G. NEIL.

"I wouldn't have believed it could have had such an effect on Harold if I had not seen it with my own eyes," related the mother of a sick child to a friend who had come in to inquire about the little fellow.

"His fever was so high," continued the mother. "I had done everything the doctor told me; sponged him, given him his medicine, still the fever was unabated. I was at my wits' end and the only thing I could think of was to divert him pleasantly and make him as comfortable and happy as possible.

"It suddenly occurred to me—an inspiration, it must have been—how it refreshes and actually makes one cooler on a hot summer's day to look at a winter scene or read and think about cold weather. Why shouldn't it refresh my little fever-stricken boy in the same way? I began at once telling him one of his favorite stories about the Saint Bernard dogs in the Alps. As much as I could I emphasized the atmosphere of the story—the intense cold, the blinding snowstorm, the snow-covered mountains. Harold listened intently, as he always did, and I noticed to my satisfaction that the hot little hand which I held in mine was growing perceptibly cooler.

"Delighted at this success, I went on and told him more stories about winter and snow and coasting, always making the atmosphere as vivid as I could so that he might feel it as much as possible. As I said, it was perfectly marvelous to feel the fever gradually diminishing in his hot little hands, and to hear his more regular breathing.

"When the fever had subsided to a great extent, I told him stories about the country, places where I had been, picturing as vividly as I could the cool green fields, the trees, the woods, the clear running mountain brooks, exulting largely upon the waterfalls and the cooling spray. While I talked I noticed my little boy's respiration becoming more nearly normal. A peaceful, happy expression came into his face. In a short time he dropped off into a calm, sweet sleep from which he awoke ever so much better. I attributed it all to the effect of the mental pictures and the power of suggestion."

Every mother who has nursed a sick child knows what a wonderful force suggestion is in all dealings with the child, especially in the matter of food, of coaxing poor and capricious appetites. Many a meal, says The Mother's Magazine, has been eaten with positive relish which would not have been touched had the mother or nurse not exercised taste in preparing it and tact in giving it to the child.

"Open your mouth wide, now. We'll play I am the mother robin and you are the baby and I am feeding you," said a mother to a feeble little convalescent whose food had to be coaxed down her.

The child laughed. Her eyes brightened at the idea. She opened her mouth wide as mother had suggested. While the spoonful of nourishing broth were being swallowed, mother and child continued the play and before the little girl realized it, all the broth in the bowl had vanished.

How much easier and pleasanter was this than forcing the broth down an unwilling little throat, which is so often done in cases of fretful little patients.

Sometimes a capricious little appetite can be encouraged by remarks such as, "I knew you would like this!" "I knew this would taste good to you!" "I'm sure you must be hungry and are glad to get this nice lunch!"

There are so many ways that a mother can use this power of suggestion, and never is it more valuable, never are its effects more gratifying than when dealing with a sick and often erratic and contrary child. Every mother who has tried it will testify to its efficacy and will avail herself of its power when and wherever she can to the lightening of her own burdens and the happiness and benefit of the child.

**Making Crabapple Jelly**

Jelly made in this simple way has an excellent appearance and a flavor unusually good. Select firm, sound crabapples, remove blossom ends and wash, but do not peel or core. Quarter, cover with cold water, and cook slowly until



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The world's best music, superbly rendered by the world's greatest artists—Caruso, Melba, Tetrzzini, Faderewski, Kubelik, Mischa Elman, Sousa, Pryor, Victor Herbert, Harry Lauder, Christie MacDonald, and Blanche Ring are a few of the famous artists intimately associated with the Victrola.

Its exquisite renditions are a source of cheerfulness and inspiration alike in the homes of wealth and prominence, in the homes of discriminating music lovers, in the homes of thousands upon thousands who can hear the best music in no other way.

Your home will be brighter under the charm of the Victrola's beautiful music, and it will be a constant delight to every member of your family.

There are Victors and Victrolas in great variety of styles from \$10 to \$200, and any Victor dealer in any city in the world will gladly demonstrate them to you.

Write for the illustrated Victor catalogs.

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Always use Victor Machines with Victor Records and Victor Needles—the combination. There is no other way to get the unequalled Victor tone.



**Victrola IV, \$15**  
Oak



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Oak



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Mahogany or oak

quite soft. Use great care to prevent scorching. Pour into a jelly bag and hang over night to drip. In the morning measure the liquid, which will be clear and red; bring to a boil and skim. Heat the sugar in the oven while the juice is scalding. Use equal parts of sugar and juice. Boil the juice vigorously 15 minutes before adding the juice. It will require only 6 or 7 minutes' boiling afterward, when it is ready to put away.

Jennings, Kan. Pearl Chenoweth.

**Too Many Commissions**

J. H. Miller of the Kansas Agricultural college contends that the state is not acting wisely in multiplying commissions to do agricultural work that the college is abundantly prepared to do with far less expense and far more efficiency. Every legislature, except one, for the last ten years has added one or two extra commissions with three or more offices to be filled as "political pie." If the habit keeps up Mr. Miller thinks we will be having soon a corn commission, a wheat commission, a chicken commission, an alfalfa commission, a hedge fence commission, a kafir commission, and probably a hog commission, and so on for about everything that somebody can think of that is likely to create another office with a fat salary. He says that Kansas has at least six commissions and boards that are absolutely unnecessary, a waste of money, and all of them supposed to be doing work that either the agricultural college, the university or some present existing board could do far more efficiently but with fewer political jobs. "Now the newspapers are filled with stories about the need of two more commissions that are necessary to fill a long-felt want," says Mr. Miller. What are the commissions that are now in existence that are unnecessary? It will be well for the farmers and taxpayers to look into this commission business before election time.



**The Big Store** Opens a promising fall season best and most attractive in fall merchandise—suited to the needs of all.

The advantages of shopping here, by mail or in person, have never been better—never even so good as now. Qualities, varieties and prices are more attractive, fashions are entirely different from those of former seasons; the plain, practical, every-day needs of every member of the family may be amply supplied at the least cost.

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

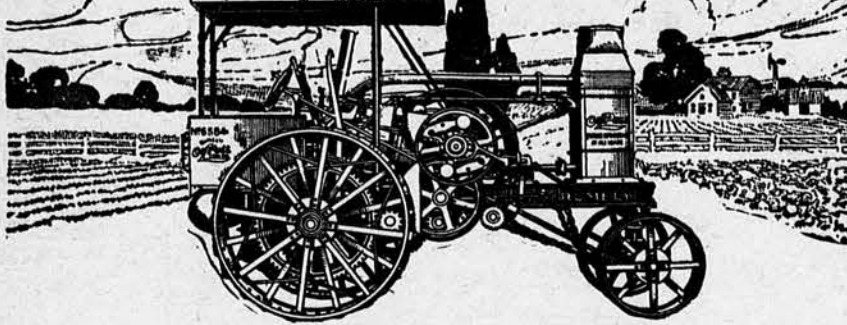
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The Oil Pull is a fast worker that does not tire—it will work night and day if you want it to. It is oil-cooled, so heat or cold do not trouble it. As for fuel, it burns cheap kerosene or distillate at all loads. It is just as good for all such jobs as harvesting, hauling, threshing or shredding, as it is for plowing.

Get the Oil Pull catalog DA 36. It's interesting.

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## Dairy Barn and Silo For \$700

The Problem of Dairy Equipment at Small Cost Was Well Solved On the Frazier Farm

At a cost of only \$700 Alva Frazier of Gray county, Kansas has built a substantial cow barn with room for 19 cows, and put in a pit silo nearby holding 130 tons of feed. All the labor required, as well as materials used are included in this expense account. The barn is 24 by 36 feet in size, concrete-floored, and besides the cow stalls, contains a feed granary, and plenty of mow room for hay overhead. The silo has a diameter of 16 feet and a depth of 32 feet. The walls are plastered with concrete.

Mr. Frazier's dairy farm is in the Salem valley near Ingalls, one of the enterprising farming and dairy sections in that part of Kansas. His achievement is of more than passing interest as he has proved conclusively that it is possible to have modern dairy equipment at small cost. Which means the putting aside of an imaginary stumbling block that has long kept many "shortgrass" cow-keepers from enlarging and modernizing their dairy operations.

Convenience seems to have been the main object in building the Frazier barn and silo. The silo is located just far enough from the barn to allow a team and wagon to pass between the two. The barn was built first and then the concrete collar for the silo was put in. Next came the overhead track which runs the full length of the center of the barn above the feedway and extends

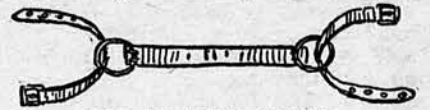
may use for such an injection a 1/2 per cent solution of sodium fluoride, injecting a quart daily into the affected quarter.

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

### For the Cow That Kicks

[Prize Suggestion.]

Here is the best way of breaking a cow of kicking: Take a stout strap, put two iron rings in it and fasten the ends together with rivets. Then run a strap through each ring and buckle this



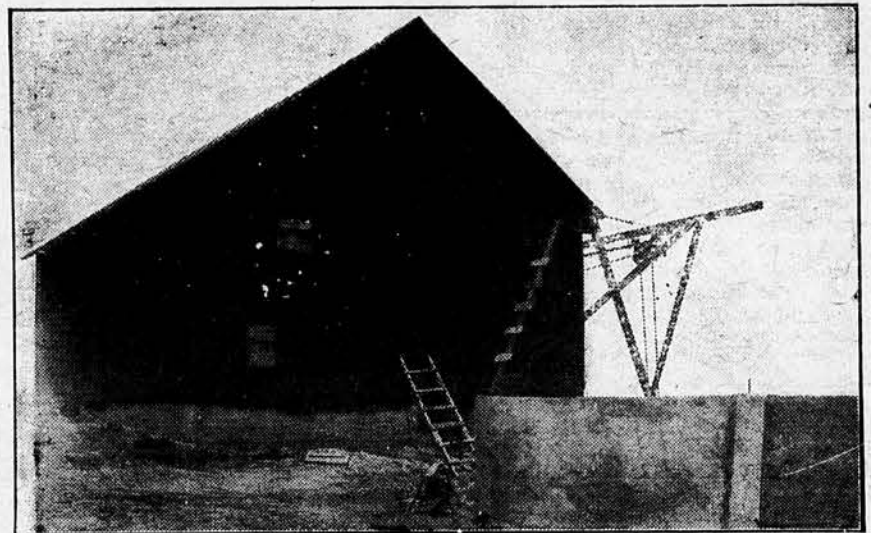
How the hobble is made.

hobble around the cow's hind feet. The principle is that in kicking, a cow raises only one foot at a time; while with these straps on she will be unable to kick, because one foot holds the other down. Leave the straps long enough so the cow can stand naturally.

Lawrence, Kan. G. W. W.

### Prizes For Milk and Cream

One of the features of the dairy exhibit at the Topeka State Fair will be a market milk and cream contest. This



The dairy barn and pit silo of Alva Frazier near Ingalls, Kan.—models of convenience, cost considered.

out over the silo. This came in very handy in removing the earth from the silo, a part of which was used to fill in on the inside of the barn foundation. The rest of the earth was dumped into wagons driven under the track between the barn and silo, and hauled away.

The cows face the feedway which extends down the middle of the barn, making it very convenient to feed. The silage is hoisted to the track and the carrier moved along and dumped in the feedway wherever desired. The hay mow is also equipped with fork and track, which makes quick work of handling the hay. This does not appear in the picture as the hay door is at the opposite end of the barn.

The problem of good feed and shelter for cows, at a small outlay, seems to have been well solved by Mr. Frazier. If any other readers have done better than he, the Farmers Mail and Breeze would be glad to hear from them.

### Udder Inflammation

During two or three days every month one of my cows has a hard formation in one quarter of her udder. When this lump appears the udder swells and the milk from that quarter is lumpy. She will be fresh in October and I would like to know if there is any way to cure this trouble.—J. M. B., Chickasha, Okla.

Your cow is probably affected with an infectious inflammation of the udder. When it has advanced as far as it has in your cow, the chances are against obtaining permanent relief. It is said that injections of antiseptics into the udder may be of value. Such injections must be made very carefully, so as to avoid the introduction of more infection or foreign material into the udder. You

contest will be under the direction of George S. Hine, state dairy commissioner, and will be open to all Kansas dairymen. Four quarts of milk and four pints of cream in bottles will constitute an entry. Exhibitors are entitled to but one entry. Before an exhibitor will be entitled to a premium he will be required to answer several questions relative to the conditions under which the milk and cream were produced. A list of these questions together with an entry blank will be furnished to every applicant who will address George S. Hine, state dairy commissioner, Manhattan, Kan.

### September Dairy Notes

Better sell off the fence-breakers before they educate the rest of the herd to this habit.

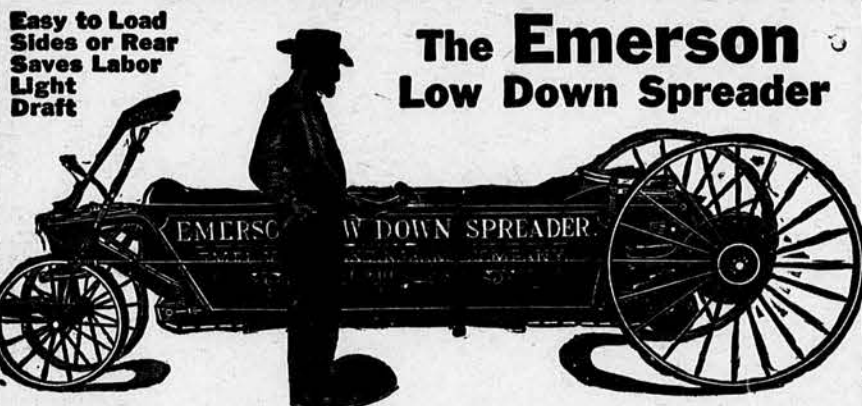
It is a good plan to cull out the poorest cows while butterfat prices are lowest.

Do not give the cows dusty feed, such as hay or grain, within two hours of milking time.

Wash all milk utensils thoroughly and sterilize by use of live steam or sunlight.

In case of ropy milk, look to the water supply.

In cleaning the separator it should be taken apart, rinsed, washed in hot water containing washing powder, rinsed in boiling water after each separation, and not be put together until just before using.



Easy to Load  
Sides or Rear  
Saves Labor  
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Send for Book of Spreader Facts Tells all about Emerson construction and describes all special features. Every farmer should have a copy of this book. Send your name and address for free illustrated book.

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Ask for prices of different kinds and grades also valuable circular giving opinions of experts on storing grain for high prices.

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21 GALLONS EFFECTIVE FLY CHASER FOR \$1.25  
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If Not Sold In Your Town Write to Us.

# Ready For the Egg Season?

They Will be High This Fall—Good Hints on Feeding

BY ROBERT OWEN  
Windom, Kan.

A DOZEN fair sized eggs contain a pint of water. Water is always in demand in the hen's body and is as essential as feed. Many well fed hens do not lay because they do not have the water necessary for the formation of the egg. The water must be clean and pure and within reach of the hen whenever she wants it, especially in hot weather. The hen will not drink enough water if it is lukewarm in summer.

The hen must have a variety of feed in order to lay well. Where wheat is cheap enough it may form one-half the total weight of grain fed. Corn, oats, milo, kafir, barley and a little millet may be fed in convenient mixtures to make up the other half. Field peas make excellent feed for laying hens and peanuts can be fed in small quantities to advantage. The best results are obtained where four to six varieties of grain are fed, as a large variety in the feed mixture makes the appetite sharp.

All feed and water given the hen should be clean enough to be eaten by human beings. Moldy and rotten feeds often bring disease and tainted feeds and water are likely to taint the eggs and flesh of the hens.

The best green feed for hens is alfalfa—green alfalfa in the warm months and alfalfa leaves in winter. Alfalfa leaves are richer in body and egg making materials than oil meal. Alfalfa also keeps the bowels in just the right condition for promoting good digestion and health. It is rich in both protein and mineral matter. Clover is next to alfalfa in feed value and the grasses are next in line. Cabbage and lettuce are good and lawn clippings are also relished by the hens. Beets and mangels are good for a change. A hen should have all the green feed she will eat every day.

The hen running around the farm in the summer season is well supplied with meat by the bugs and worms she eats and she therefore lays well at that time. Ordinarily grains do not supply sufficient protein for eggs so the hen must have a daily supply of meat in some form. Raw bone and cut meat is good but it requires a great deal of labor and unless carefully handled and fed it is likely to become tainted—sometimes bad enough to kill birds. Dried meat meal and dried meat and bone meal, if sweet, are largely used. These must be kept in a cool dry place, however. Many poultry raisers trap rabbits and feed them to their hens. A hen is not likely to eat too much meat if she has a daily supply of it but if she has gone a long time without it she is apt to get so much that she may ruin herself and lay very few eggs afterward.

## Milk for the Chickens

Milk, either sweet or sour, or buttermilk is excellent for chickens of all ages. It can be fed to the growing stock and the hens in the laying flock very profitably. Most all farmers are in position to feed their chickens milk in some form, but a great many of them fail to do so.

George Beuoy of Cedar Vale, Kan., says that his main object in keeping cows is to have plenty of milk for his chickens. He carries the milk, warm and fresh, right from the cows, and pours it into long troughs where the chickens drink all they want of it. Mr. Beuoy says that it pays him to do this.

If one farmer finds it profitable to feed the fresh milk, butterfat and all, to the chickens, others should at least be able to provide their chickens with skimmed or sour milk. If you have never fed milk to chickens, try it, and note how it helps to keep the hens in good laying condition and how it makes the growing stock fill out.

## Leg Weakness in Ducks

Quite a number of complaints of ducks losing the use of their legs have been received. According to Michael K. Boyer, who has had years of experience with ducks, leg weakness is often produced by damp quarters at night. Ducks can stand all the water and rain during the

day time that they may be exposed to, but at night they must have dry quarters. The floors of the duck pens should be heavily bedded with straw. Leg weakness from this cause is often a case of cramps and rheumatism. If the trouble does not right itself in a few days, and the bird otherwise is in a good healthy condition, it is best to kill and eat it.

There is, however, another form of leg weakness which is more common. It is the result of too heavy feeding, especially if the feed is too concentrated. A popular feed with duck raisers is bran, cornmeal, meat scraps and green feed or steeped clover or alfalfa. If the ducks are weak in the legs, and upon lifting them up it is found that they are very heavy, reduce the quantity of corn meal and meat scraps, and increase the supply of bran. Also add powdered charcoal to the mash. This generally ends the trouble in a few days. Never feed whole grain, especially corn. James Rankin, the veteran duck grower, who annually produces around 30,000 ducks at his Long Island duck ranch, once said that leg weakness was more or less common among ducks fed whole corn.

## Capons Did Well For Him

I caponized 927 birds last year and out of that number I lost only 16. They were turned out with old hens and to make it worse there were two old roosters in the same pen. It was lucky that they were not all killed. As you know they should have been kept in a pen by themselves for a few days, right after the operation. Of the other 912 I only had two "slips". Can you beat it? I feel proud of the record and I think good instruments were the principal reason for that good record.

Now about the profit made on capons. They were a new thing here and the

Go where you will, you will find the same thing. Railways, steel mills, factories, either have "put the ban on booze" or are about to do so. Competitors will be compelled to follow or go to the wall. The saloon must go because it is the enemy of efficiency.

local buyers did not know what they were worth. The best they would offer was 14 cents a pound live weight. But I found a market for all the capons I made. I just called up the wealthy people on the 'phone and explained to them what a capon was and that they should just try one. In that way I got 14 orders for capons the first day. The persons that bought them liked capon meat so well that they came back for more and told their friends. In that way I was able to sell all I had on hand.

Wichita, Kan. J. J. Slattery.

## To Discourage the Sitters

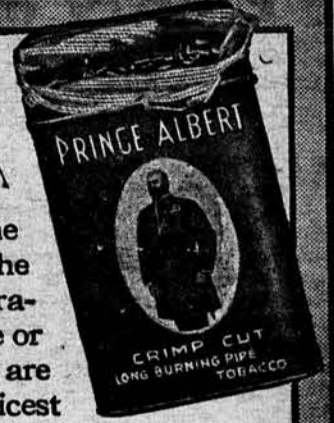
[Prize Letter.]

When living in town it was necessary to keep our chickens in a lot fenced in with woven wire fencing. When a hen wanted to sit she was put outside the fence and fed and watered well. This gave her more liberty than she wanted. She could not get near the nest and two or three days would cure the worst cases. Instead of sitting as is common when shut up in a box, she would run about and that seemed to take away the desire to hatch.

When on the farm we had a coop large enough for a dozen or more hens to roost in at night. This coop was placed in a distant part of the farm and the hens that wanted to sit were taken in the evening to this coop. Here the hens had plenty of fresh range and soon forgot to cluck. When they showed a disposition to lay they were brought back. Our hens are healthier and happier and when treated in this way they repay us by laying sooner.

R. I. Park, Kan. G. M. Brooks.

Don't stow this away under your hat. Use it.

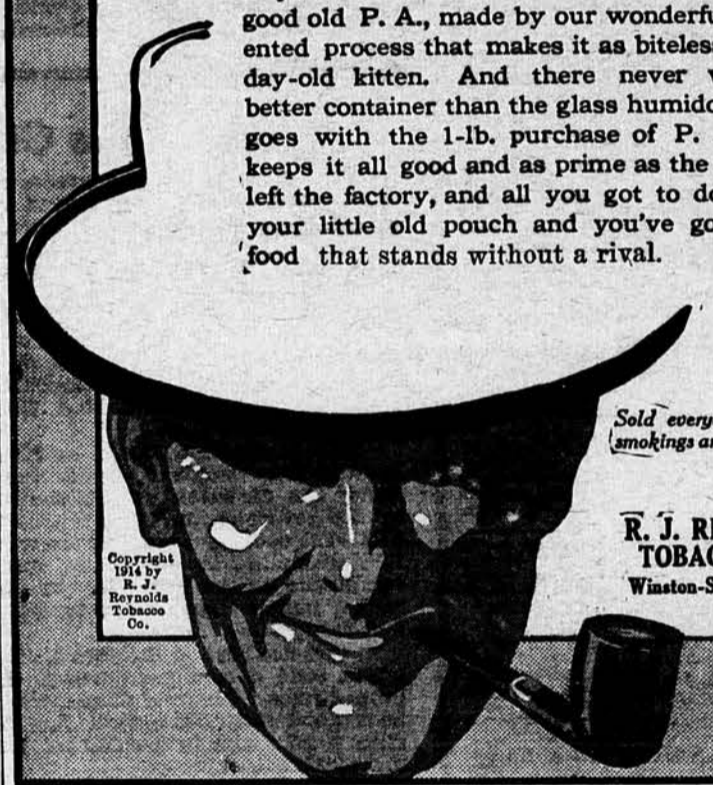


P. A. in the tidy red tin or the toppy red bag hands you the biggest money's worth of fragrant pipe-joy that your dime or nickel ever bought. They are the dandy packages of choicest pipe-food to tote on the hip or in the vest pocket. But—and make special note of this—the grandest way to keep a supply of

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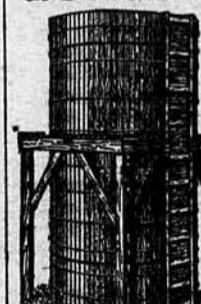
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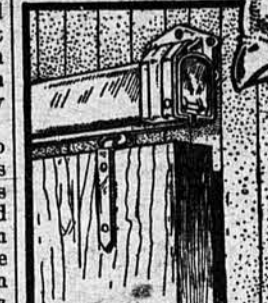
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STOPS BARN DOOR TROUBLES

(114)

# Plenty of Feed in Sight

## Final Boost For All Sorghums—Other Crop News

By Our County Correspondents

VERY little worrying is being done over the possibility of a feed shortage this winter. Corn has been cut short so far as the grain is concerned but the rains of the last few weeks have brought out kafir, milo, and feterita in fine shape to offset this loss. Of roughage there will be a great abundance and it is estimated that from 25 to 40 percent more silos are being filled this fall than ever before. Prairie meadows and alfalfa fields have also contributed generously to the feed supply for the coming winter. From present indications wheat will get as good a start as last year, which may mean another season of good grazing.

Because feed will be plentiful very few cattle are being marketed. On the other hand the light corn crop and recent jump in wheat are responsible for a heavy run of hogs of all sizes, to market. With wheat at 60 cents a month ago this grain was being fed to hogs in large quantities but at \$1.18 a bushel wheat makes expensive hog feed.

### KANSAS.

**Coffey County**—Five inches of rain here in one week which will assure a good kafir crop. Plenty of moisture for fall seeding. Plenty of peaches. Eggs 18c.—Mrs. A. H. Stewart, Sept. 7.

**Greeley County**—Fine weather to put up feed and a lot of it is being taken care of. Cattle are high. Spring calves are selling for \$25 and yearlings \$35 to \$40. Eggs 20c.—F. C. Woods, Sept. 8.

**Greenwood County**—Corn cutting and silo filling in progress. Not much corn will be put in the shock here. A few farmers have sold their corn at 50 cents. Kafir is a great crop.—E. E. Rardon, Sept. 5.

**Morton County**—Most milo and cane being cut this week as it is drying up. Will have an immense amount of feed this year. Cattle in good shape for market. Colts doing fine.—E. E. Newlin, Sept. 5.

**Russell County**—Plowing is in progress. Not many harrows going yet. Ground in fine condition for seeding. Threshing about finished. Wheat 93c; corn 17c; butter fat 23c.—Mrs. Fred Claussen, Sept. 4.

**Doniphan County**—Only local showers so far. Corn will average a little better than half a crop. Some wheat to be threshed yet. Many chinch bugs in wheat stubble and corn. Potatoes a poor crop.—C. Culp, Sept. 5.

**Geary County**—Weather fine and cool. Two-inch rain on August 27 greatly helped pastures and hay. Farmers getting ready to sow wheat. Stock doing well. Not much stock being shipped. Fat hogs scarce.—O. R. Strauss, Sept. 5.

**Thomas County**—Rain on Thursday stopped threshing only a few days. Wheat turning out 3 to 4 bushels an acre better than expected. Will have some corn but it will be light. Plenty of roughness. Cattle doing well. Wheat 98c; barley 40c.—C. C. Cole, August 30.

**Woodson County**—Weather cooler. Haying almost done and corn will be next. Will have less corn than usual. Cattle and hogs high but horses are a little slow. Plenty of grass and water and stock doing fine. Considerable alfalfa sown this fall; also more wheat than usual.—E. F. Opperman, Sept. 3.

**Norton County**—Silos are about filled. We have extra good forage crops. Pastures good and cattle on grass are fat enough for market. Wheat is up to a dollar and the acreage this fall will be greater than last. Corn is very good in some parts of county. Will need very little shipped in this winter.—Sam Teaford, Sept. 5.

**Marion County**—Good 2-inch rain last week was very welcome. Pastures look better again. Cane looks pretty good. Nearly all the corn cut. Some farmers still plowing but many are harrowing. Good demand for cattle. Not enough cattle to eat all the feed. Nearly all the silos filled. Wheat 97c.—Jac. H. Dyck, Sept. 4.

**Lyön County**—Good weather and crops doing well. Corn crop is fair and much better than last year. Some fine fields of feterita. Not much cane sowed. Plenty of melons. Good second cutting of hay on bottoms. Good pastures for stock. Baled alfalfa hay \$10; prairie loose \$8; wheat 95c; eggs 20c.—E. R. Griffith, Sept. 5.

**Atchison County**—Ground still too dry for fall plowing. Less wheat than usual will be sown this fall. Most of the silos filled. Corn cutting in progress. Corn will not average more than half a crop. Pastures short and considerable stock sold lately. Hogs scarce. Stock hogs bringing 9 and 10 cents a pound.—C. H. Feerer, Sept. 1.

**Shawnee County**—Wheat ground all plowed and most of it harrowed. Ground has been dry. Corn cutting in progress. Most silos filled. Dry weather and web worms have hurt alfalfa and the crop is short. Wheat acreage will be about same as last year. Pastures dry. Corn will be spotted but there is plenty of feed.—J. P. Ross, Sept. 5.

**Wilson and Neosho Counties**—Farmers through haying and are cutting corn and filling silos now. Rains have helped pastures and late kafir. Oats making 50 bushels, and flax 6 to 10 bushels to the acre. Kafir and feterita will be fair crops. Corn spotted somewhat. Corn on black limestone land that has been manured is good.—Adolph Anderson, August 31.

**Riley County**—Have had a few light showers. Plowing for wheat still in progress. Fodder all cut and silos filled. Cane, kafir, and feterita still standing. All are good. Stack threshing still continues. Not much wheat being sold as farmers are holding it for higher prices. Some wheat and rye have been fed to hogs. Corn rather poor on uplands but will make half to a full

crop on bottoms. Wheat 98c; oats 40c; eggs 20c.—P. O. Hawkinson, Sept. 5.

### OKLAHOMA.

**McClain County**—Fine growing weather. Plenty of moisture for wheat seeding. Late feed looks fine. Cotton damaged by web worms. Pastures fine and stock in good condition. Eggs 15c; butter 30c.—Floyd Harman, Sept. 4.

**Texas County**—Farmers are busy filling silos, cutting feed, and preparing wheat seedbeds. Ground is dry. Broomcorn has been cut short by dry weather. Will have only about a fourth of a crop. Wheat 85c; barley 75c; eggs 15c; butter 20c.—F. Free, Sept. 5.

### Save the Seed Wheat

Why not? It would certainly be a fine thing for Kansas farmers to form a habit of saving seed wheat and seed corn for the second year. Probably 60 percent of the farmers of Kansas had to buy corn and sorghum seed last spring and from 60 to 80 percent of the farmers of many western counties had to buy or borrow or "gamble" at a Shylock rate for seed wheat last fall. It is always unfortunate to be obliged to introduce the seed of corn or kafir in large quantities from another state with different

reduce their losses and the buying cost of cream and thus insure the farmer the highest possible price for his cream.

The officers of the association will be in Topeka. A paid secretary, probably will be employed by the executive committee. The secretary will devote all his time to the interests of the organization.

The officers of the association are A. S. Kinnimonth, Winfield, president; E. H. Forney, Abilene, vice president; and J. F. Haskell, Topeka, treasurer. These three officers with four members at large form the executive committee. The other men elected members of the committee are C. W. Kent, Kansas City, Mo.; F. W. Schwier, Great Bend; William Lutt, Concordia; and Frank Pilley, Clay Center, Kan.

### Farmers' Union in 27 States

Eight million members in twenty-seven states, indicates the twelve years' growth of the Farmers' Educational and Co-operative Union in the United States. At its eleventh annual meeting held recently at Fort Worth two-thirds of the states in the Union were represented. The federal government was asked to tide cotton farmers over the emergency created by the war in Europe, which temporarily has lessened the demand for cotton.

A high tribute was paid to the work of Peter Radford by National President

## Bring the Girls and Boys

Why does not Kansas have a state fair school for its boys? One of the first schools of this kind was established in Illinois in 1910 by the state board of agriculture. It has been a great success.

Kansas could do this through its state board of agriculture and Secretary Mohler is exactly the man to bring it about in time for the fair of 1915.

The Farmers Mail and Breeze believes that every county in the state could afford to send two, or at least one boy, to the state fair at Topeka every fall for two or three days' instruction. A thoroughgoing study of the many exhibits of animals, crops, and manufactured exhibits would be a fine offset for the few days' school the boys might miss.

This instruction would be given by competent persons assigned by Secretary Mohler. Under the secretary's direction or possibly under the direction of a committee appointed by the secretary or by the governor, the state fair school could be organized very much as a real country school is organized, with perhaps a touch of military discipline to hold it in check. There could be a model encampment on the grounds. The Kansas Agricultural college would assign persons competent to tell the boys all about the livestock and the grains.

It is not beyond the possibilities, either, that the Kansas counties might send one or two girls to the state fair for instruction along proper lines. Many of these girls might never see a fair. It would be a good thing, too, if at the close of the fair the boys and the girls were taken to Manhattan for a day or two at the state's big technical school.

What Illinois can do Kansas can do. It is Secretary Mohler's move.

soil and with different climatic conditions. It is also bad to introduce seed wheat because many kinds of foreign weeds are also introduced. The Kansas Agricultural college is trying to start a campaign for saving seed of all kinds for the second year. Farmers are urged to form clubs and get members to sign a pledge right now to save seed wheat for 1915 and to save seed of corn, kafir, feterita, and milo, not only for 1915 but for 1916.

### Kansas Creamerymen Meet

The organization of the Kansas Creamerymen's Improvement association was completed in Kansas City, September 5. The object of the organization is to encourage the development of the dairy industry in Kansas by effecting a closer co-operation between farmers and creamerymen. The first effort toward improvement will be to perfect the grading system for buying cream that was started a few months ago. Two grades of cream are recognized and a premium is paid for the best grade. The same price was paid for both good and bad cream under the old system. There was no incentive for better methods and care in handling and marketing cream.

The creamerymen said that they had organized solely for educational purposes. This educational work will not be directed entirely toward the farmer. Poor cream is not always the fault of the farmer. The creamerymen hope that they will be able, by exchanging ideas, to perfect their methods of handling cream and making butter so they will

C. S. Barrett, in his opening address to the convention. He declared that it was the Radford type of men which keeps one's courage high and renews his faith in humanity. He said Mr. Radford had been of invaluable assistance to him in his work. The officers of the Union were unanimously re-elected. They are president, C. S. Barrett, Georgia; vice-president, A. V. Swift, Oregon; secretary-treasurer, A. C. Davis, Arkansas.

### Farm Engineers Needed

There is a fine opportunity in Kansas for good agricultural engineers. Letters asking to be put into touch with men capable of doing this work are continually reaching A. A. Porter, dean of the engineering division at the Kansas Agricultural college, who has organized a course in agricultural engineering to be offered, for the first time, to the young men of Kansas this fall.

The wages paid for this type of engineering work are good. A letter received by Dean Potter last week from a thresher in Kansas offered from \$20 to \$60 a week for a man capable of designing and building harvesting machinery. In the same mail was a letter from a tractor company of Kansas offering to start a man at \$100 a month. A young man who is familiar with farm work and farm needs, and who enjoys working with machinery, can prepare himself for a profitable profession, by taking advantage of the training offered in this course, Dean Potter believes.



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**To Keep Flies Off Stock**

The results of tests made with various substances designed to keep flies from annoying horses, mules and cattle soon will be published in bulletin form by the U. S. Department of Agriculture. It was found in these tests that there are substances which, if applied, will keep biting flies such as the stable fly, the bot fly, the horse fly and the screw worm fly away for one to four days. The conclusions are that many of the substances such as pyrethrum powder, camphor, citronella, and sassafras while temporary repellents, soon lose their effectiveness. Solutions of 10 percent of the liquids in cottonseed oil usually have to be applied daily. Various oils, emulsions of oils, and mixtures of oils are used to repel flies. Crude petroleum, cottonseed oil, fish or train oil, and light coal-tar oil may be used pure.

Here is a formula, recommended by Jensen, which is said to protect cows for a week:

- Common laundry soap.....1 pound
- Water .....4 gallons
- Crude petroleum.....1 gallon
- Powdered naphthalin.....4 ounces

Cut the soap in thin shavings and dissolve in water with the aid of heat. Dissolve the naphthalin in crude oil, mix the two solutions, put them in an old dasher churn, and thoroughly mix for 15 minutes. The mixture must be stirred well just before it is used. Apply once or twice a week with a brush.

Fish oil is rated as one of the best repellents and has been used alone or in combination with other substances. Other substances that have been used in various mixtures are pine tar, oil of tar, crude carbolic acid, oil of pennyroyal, and kerosene. The protective action of fish oil will range from less than two to six days. Moore's formula is said to protect for two days. This mixture is safe when applied lightly with a brush but it is not safe when it is applied liberally with a pail spray pump. Here is the formula:

- Fish oil .....100 parts
- Oil of tar .....59 parts
- Crude carbolic acid .....1 part

Laurel oil is a very effective repellent. Mayer found that the protection lasted from two to 12 days. The oil, when used pure, has an irritating effect unless it is applied lightly. The irritating effect may be overcome by combining it with linseed oil in the proportion of one to 10. It was found in the experiments at the Department of Agriculture that 10 percent of laurel oil in cottonseed oil was active for less than a day.

A number of formulas for fly repellent mixtures to apply to wounds have been recommended by various authors. A 10 percent solution of crude carbolic acid, 21.8 percent phenols, in cottonseed oil has a repellent action on flies but lasts less than a day. This makes it necessary to apply the mixture every day. It should be applied lightly with a brush since a heavy application with a spray pump is likely to cause phenol poisoning.

Mixtures consisting of 10, 20, and 50 percent of pine tar in cottonseed oil have marked repellent qualities. They should be applied lightly, and it is necessary to apply them every day. A liberal application of a 10 percent mixture is deleterious to animals. This is also the case with a half and half mixture of pine tar and Beaumont oil when applied lightly with a brush.

A mixture of oil of tar (14 percent phenols, volatile with steam) in cottonseed oil and in Beaumont oil has a very marked repellent action. A 10 percent mixture of oil of tar and cottonseed oil when applied liberally with a spray pump; and 50 percent oil of tar in Beaumont oil applied with a brush are not safe. Ten percent oil of tar in Beaumont oil is safe. When applied lightly it is necessary to apply 10 percent oil of tar in cottonseed oil or 10 percent oil of tar in Beaumont oil every day.

**College Dairy Exhibits**

A big special dairy exhibit will be made by the Kansas State Agricultural college at the state fair at Hutchinson, from September 12 to 19, and at the International Dry Farming Congress at Wichita, October 7 to 17.

An entire building will be devoted to the exhibit at Hutchinson. A feature will be a farm butter-making outfit at work. Questions will be answered

and demonstrations will be made showing the possibility of improving the quality of milk. Two lectures a day will be given. There will also be a ten-day test of the milk of cows, picked out at random, the purpose being to show the benefit of regular record keeping in dairying.

Two carloads of show animals will be taken to the fair, these cows representing the four principal dairy breeds. Among them will be the Ayrshire that holds a world's record.

A milk contest will be put on at the Dry Farming Congress, with a view to showing particularly how the milk supply of cities may be improved. Bottles of milk from any part of the state may be sent and will be scored at the congress. There will also be demonstrations and exhibits of fine dairy cattle.

**Farmer and Tariff II**

The really big danger in most tariff arguments lies in two elements: mystery and the economic appetit. Men listen often to tariff explanations and affect to understand them rather than to come out, boldly, and ask for small words and well printed pictures. For generations, so far as the average man was concerned, the tariff and everything connected with it has been a deep mystery. With this mystery however, went the hope that by voting as they were urged to vote the people might lighten the burdens of life—anything to give the toilers a larger share of that which they helped to create.

The Underwood Tariff became a fact chiefly through the subtle fallacy so eagerly accepted, that it would reduce the country's living expenses. It was the cruelest of political tricks because it affected the greatest number and struck a body blow at agriculture, here as everywhere, the nation's chief dependence. No more specious plea could have been devised. It went straight to the hearts and the pocketbooks precisely as the law that followed struck home.

Allowing for the influence of the European situation, can some one mention something a family needs which is cheaper because of the Underwood tariff law? Cattle and swine enter the country free of duty now. Is meat any cheaper, or was it any cheaper before the European war? And if the farmers are getting a little more for their livestock can the Democratic tariff take the credit? Certainly, it can and doubtless will take the credit in its speeches in the small towns, but careful thinkers will know that war created the increase—war and the packing house companies. Bacon enters this country from Canada in every freight train, free of duty, and neither St. Paul nor Kansas City has reduced the price one cent since the tariff went into effect.

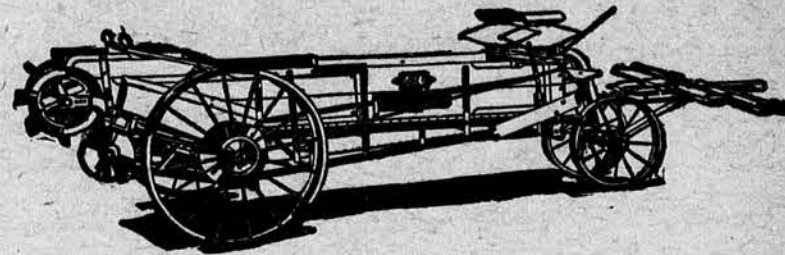
Wheat and wheat flour are free. Is flour or bread any cheaper? They had not fallen any before the big war began. Potatoes are free and coming in by train loads. You are paying the same old price. Rye and barley and buckwheat and sugar; eggs, milk, lard, tallow, sheep—all these are free. Are you getting them any cheaper?

Inevitably the farmers were and are the sufferers. The Democratic tariff which promised so much, which even its political opponents received in the spirit of fairness and "watchful waiting" created the keenest and most damaging competition for American agriculture without benefiting American consumers one penny. Six million farms feel the sting of this competition. Is it not likely to teach a lesson?

I take several farm papers but the Mail and Breeze is in a class by itself—superior to them all.  
Fairfax, Okla. B. E. Richardson.

Women are employed in road building in Singapore, breaking up much of the material with small hammers.

**International Harvester Manure Spreaders**



**YOU** cannot point to one detail in International Harvester spreaders that will not do its work well in actual field and yard service. Every part is strong and durable, built for long life and good, even spreading.

Among the features that will interest you are these: Simple protected beater driving mechanism, all of steel; load carried on rear axle, insuring traction; reversible gear and worm; low, easily loaded box, with ample clearance underneath; end gate, preventing clogging of beater while driving to the field, etc.

All styles are in the I H C spreader line, high and low, endless and reverse apron, and various sizes for small and large farms. Our catalogues will tell you more. Write for them and let us tell you also where you may see I H C manure spreaders.

**International Harvester Company of America**

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**The IHC Line**

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- Binders, Reapers
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A corn crib or a fence! You can set up the Denning as a full sized corn crib in 10 minutes. When the crib is empty, use the material for making fences. Then use it for a crib again whenever you need it. You can do this with the

**Denning Corn Crib**

Self-Supporting — NOT like ordinary Wire Fencing with which Posts have to be used. Less Work! Less Expense! The Denning comes in sections—each section 4 feet high—makes a crib 12 to 16 feet in diameter—8 feet high—1 1/2 or 2 inches between slats. Best storage for fodder, either shredded or in full stalks. You feed the stuff right out of the crib.

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See how much less the Denning costs—how much handier it is than any other material.

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We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

**CURRIE WIND MILL CO.,**  
Seventh St., Topeka, Kansas

**"RUBY GORDON Or Back From The Grave"**

By Libbie Sprague Phillips.

**FREE**



Here is a thrilling story of love, mystery and adventure that will grip your attention from the first word to the last. It is one of the greatest novels this famous writer has ever produced. Ruby Gordon, a poor orphan girl, becomes engaged to one of the young men in the town, who is the adopted son of a wealthy reclusive. The old gentleman took a great dislike to Ruby Gordon because she reminded him of his wife who had left him years before and had been lost at sea in crossing the ocean; he felt that she was his wife's spirit reincarnated, and forbade Lawrence, his adopted son, to marry her, and made so much trouble that the young man finally broke his engagement and married another, but it is not their fate to so easily evade Ruby Gordon, as you will discover when you get your free copy of this great book and read the story yourself. Ruby Gordon will surely find a warm place in your heart—she is one of those sweet pure characters every reader admires. We purchased a large edition and will send the book free and postpaid to all who send 25c to pay for one new one-year subscription to our big home, farm and news weekly—or send 25c to pay for your own new, renewal or extension 1-year subscription and 5c additional, 30c in all. Send today. Address **CAPPER'S WEEKLY, BOOK DEPT. EG-101, TOPEKA, KAN.**

**A Pit Silo Granary**

BY C. D. YETTER.  
Secretary Kansas Seed Wheat Club.

In the western part of the state where the pit silo has proved practicable the question of grain storage has become of paramount importance. It is my opinion that these pits could be utilized for the storage of grain, and while this is apparently a new idea, it is as old as the time of Joseph in the land of Egypt.

The principal objection to this kind of storage is the liability of damage from moisture, and the difficulty of getting the grain in and out. I venture the opinion that if the walls of a pit silo are dry, and the grain put in after it has gone through the sweating period it will keep perfectly. I have worked out a complete scheme of getting the grain in and out. It will be urged that this is rather elaborate, but it is not expected that it will be used complete in every case; but so much of the idea may be utilized as is found practicable.

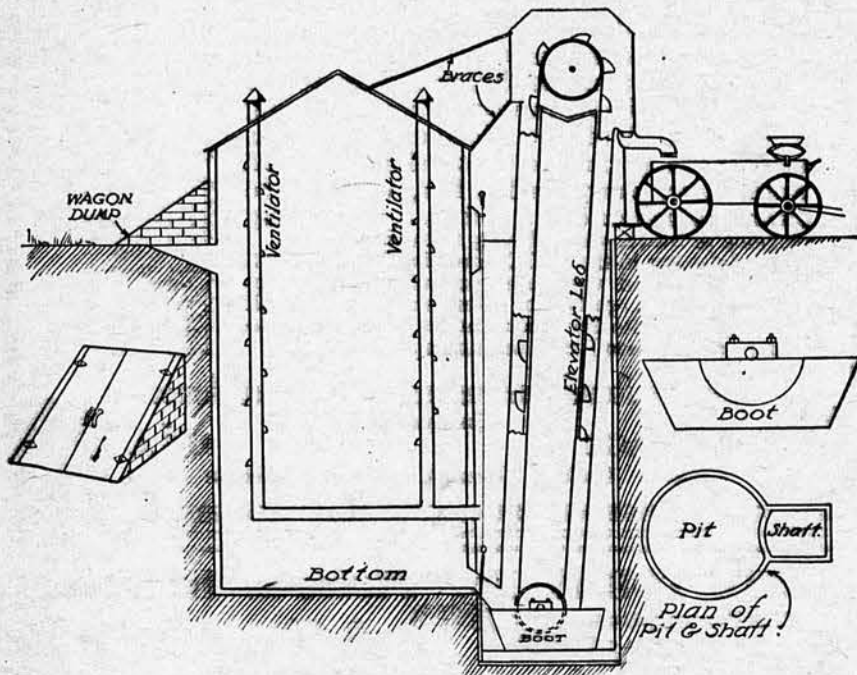
The principal part of the scheme is that a well or shaft be sunk at the

center, and the elevator utilized to move the grain from one side to the other, and thus give an opportunity to examine it as to keeping qualities. This of course supposes an emptying port at each side of the bulkhead if used.

The rapid rise of the price of wheat indicates that the holding of grain is a paying proposition this year, and this would not destroy the use of a pit of this kind for silage in the future, as all that would be necessary would be to close the ports and remove the ventilators. There does not seem to be any available information as to the keeping of grain in cement-lined pits, but this is submitted to the conservative judgment of farmers who might be interested.

**Illinois Quarantine**

All cattle in five counties of north-eastern Illinois will be under federal quarantine for bovine tuberculosis after October 1. The governor and the sanitary officials of the state will co-operate actively with the federal authorities in



Mr. Yetter's suggestion for storing wheat in a pit silo, showing ventilation and elevator.

side of the pit proper, in which may be constructed an elevator boot and head complete, to discharge into a wagon. A strong reinforced retaining wall, slightly arched inwardly against pressure, is to be built for that part of the pit adjoining the shaft. A small port opens at the bottom regulated by a slide operated from the ground level, to admit the grain into the elevator boot.

Almost every farm has a small gasoline engine or a feed grinder with horse power attachment which can be utilized for power. One horse at the sweep, or a one and one-half horse power engine is sufficient if small cups or buckets are used. Cotton web belting may be purchased at a moderate price. There may usually be found in every neighborhood a lot of discarded pulleys from old threshing machinery or old mills and by the exercise of a little ingenuity they can generally be made to serve. Mill and elevator supply houses make boots of every size, but a homemade one can easily be made of 2 by 12 properly sawed. As this would be slow motion machinery wooden boxings would be safe. If the expense of the small elevator was to be avoided an old fashioned well pulley and two half bushel measures on a rope with a man in the shaft filling and one at the wagon emptying would be found rapid enough to be practicable. A sink could be constructed to be covered like an outside cellar opening so that wagons could back up and unload from the rear end by taking out endgate and pushing the wheat out, which can be done much more easily than scooping. If a wagon dump is available it could be used at this point.

A port for ventilation could be provided near the bottom to be connected with galvanized pipes with lipped openings or wooden pipes made of 1 by 4 extending through the roof and properly capped. It will be seen that a draft would pass through these pipes all the time. If there was sufficient capacity a bulkhead could be constructed through

making this quarantine effective. The five counties affected are Lake, McHenry, Kane, Du Page, and Cook. No cattle, under the terms of this quarantine, can be shipped from any of the five counties for dairy or breeding purposes unless they are accompanied by a certificate showing

**A strong civil service law is part of the new efficiency plan being considered by the state of Minnesota. The law is to be so framed that it will put every official on his metal, just as he would be, were he holding down a job in private life. Also it is to remove faithful officials from the fear of losing their places through political changes. Under the present spoils system there is little or no incentive for faithful service. The good man who attends to business is even more likely to lose his political job than the official who spends nearly all of his time in keeping up his political fences. Only by means of a first-class merit system, enforced to the letter, shall we ever get a real public service.**

that they have been subjected to the tuberculin test and found free from disease. These certificates must be issued by an employe of the Bureau of Animal Industry of the U. S. Department of Agriculture.

The necessity for this quarantine, which has been recognized by the state authorities, arises from the misuse, on the part of a limited number of cattle owners and shippers, of the privilege of inspection by private veterinarians. It has been found in some cases that health certificates have been issued for cattle

which were obviously diseased. The result is 12 states refuse to accept Illinois cattle unless they are accompanied by a certificate of federal inspection. In order to protect the livestock of Illinois and neighboring states from the danger of tuberculosis infection it has been found advisable to do away altogether with private inspection and to place the regulation of the entire interstate movement of cattle from the quarantined area in the hands of the U. S. Department of Agriculture. The regulation of the movement of cattle from the quarantined area to other parts of Illinois will be under the control of the state board of livestock commissioners. With rigid federal inspection healthy Illinois cattle will be free from any suspicion cast upon them by the practices of the small percentage of cattlemen who have misused the privilege of private inspection in the past. Ample provision is made under these regulations to permit the movement of cattle for feeding and grazing purposes from the quarantined area.

Several cars of dairy cows have been shipped into Kansas from this section of Illinois during the past few years. Many of these cows have been affected with tuberculosis and thus have been a loss to men who bought them. Such shipments from the quarantined area are not likely to occur in the future.

The authorities in Milwaukee, Wis., have passed a ruling that no milk from tubercular cows, or cows that have not been tested for tuberculosis can be sold in that city. This means that unscrupulous traders probably will attempt to ship infected cattle out of the territory tributary to Milwaukee. Kansas buyers of dairy cattle from either Illinois or Wisconsin should insist on federal inspection or private inspection that cannot be questioned.

**Bunted Wheat**

BY THE AMERICAN STEEL & WIRE CO.

Bunted wheat means less profit to you.

A pound of formalin at a small cost and your time for a few hours is insurance against loss from this smut.

Wheat is your cash money crop and must grade to get the market price.

Bunted wheat weighs less to the bushel than sound wheat and won't reach grade.

Spread seed wheat on a clean floor.

Sprinkle wheat until it is moist with the solution, made by dissolving 1 pound of formalin in 50 gallons of water—a gallon of solution to a bushel and a half of wheat.

Shovel the wheat over and over, to moisten every grain, and then shovel into a pile and cover with clean grain sacks. Let the pile stand two hours at least—better, let it remain over night.

Wash the drill seed box with formalin solution. Soak the bags in formalin solution and wring them out.

Pickling your grain will pay you over and over.

**A Good Practical Farm Paper**

SAY MAIL AND BREEZE READERS.

You publish a good practical farm paper and I certainly intend to continue it.

Harold Robinson.

Sumner, Okla.

I cannot praise the Farmers Mail and Breeze too highly. It is something no farmer should be without.

Pittsburg, Kan. C. A. Chronister.

I have been a reader of the Farmers Mail and Breeze for a number of years and we all like it better than any other paper we read.

R. L. Otis, Kan. Charles Gallowa.

Id rather do without eating all day than be compelled to do without the Farmers Mail and Breeze. Long may it live and prosper.

Orlando, Fla. J. C. Dale.

By withholding water until the pods begin to set and then forcing a growth a much earlier crop of beans can be secured.

Trouble maintains a branch office in every home in which there is a loafing man or a gossiping woman.

More than 500,000 Coleman Lamps and Lanterns are now in use. They are the simplest, most easily operated lights made. No wicks to trim. No chimneys to clean. No smoke. No soot. You fill them only once a week—clean them only once a year. They make and burn their own gas. Are absolutely danger-proof,—can't explode, can't spill, can't clog-up. Are always ready to burn, and one "COLEMAN" is equal to 20 ordinary oil lights. For it will furnish 300 Candle-Power of good strong, brilliant, steady light—any time or anywhere you want it, and is guaranteed for five years.

**OLEMAN AIR-O-LITES**

are beautifully shaped and finished portable table lamps that will provide plenty of bright, cheerful, "homey" yet restful and eye-saving light at only one-tenth the cost of kerosene lighting. Are made with many beautiful styles of handsome ornamental shades.

**Air-O-Lanterns**

These are solidly-made, sure burning lanterns that are built to stand the hard knocks of after-dark farm-work, dairy-work, heavy-work-garage-work, etc. Are storm-proof and bug-proof. Won't leak. Won't blow out—won't go out even if tipped over. Are made with two extra fine "Marvel" Mantles, in non-breakable Mica Globes. Burn just like Air-O-Lites and just as cheaply—at a cost of only 1.5¢ per hour.

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49th Year. \$100,000 College Building has 15 Rooms, including Auditorium and Free Gymnasium. SHORTHAND, TYPEWRITING, BOOK-KEEPING, TELEGRAPHY AND ENGLISH. DAY & NIGHT SCHOOLS. Write to-day for FREE Catalogue "B"

**THIS BIG, 3 1/2 FOOT TELESCOPE FREE**

This is a real telescope and not a worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the telescope is 12 inches long and has a circumference of 6 1/2 inches. When all 5 sections are pulled out the full length is over 3 1/2 feet. It is built of the best materials, brass bound throughout. We furnish with each telescope a solar eye piece for use in studying the sun and the solar eclipses. Eye piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

**Powerful Lenses 5 to 10 Mile Range**

The lenses in this telescope are carefully ground and correctly adjusted by experts. See objects miles away. Farmer said he could count the windows and tell the colors of a house 7 miles away and could study objects 10 miles away which were invisible to the naked eye. Absolute necessity for farmers and ranch men. They can keep their eyes on the cattle, horses or men when far distant.

**Our Offer!!** We will send one of these big telescopes free and prepaid to all who send \$1.00 to pay for one year's new or renewal subscription to Mail and Breeze and 25 cents extra for postage (\$1.25 in all). The Telescope is guaranteed to please you in every way or your money will be promptly refunded. Order at once. Address all letters to

**Mail and Breeze**  
Eighth and Jackson,  
TOPEKA, KANSAS.

**Why I'm To Be a Farmer**

BY H. B. LAMER.

The main reason why I want to become a farmer is that I do not expect products to become cheaper in the next twenty-five years. The reason for this is that the population of the United States at the present time is about 100 million. The increase yearly is about 1 million and the immigration to this country is another million, making an average increase of about 2 millions yearly. At this rate the population of the United States in fifty years will be 200 millions. This number of people must exist on the same amount of land that we now have, for at the present it does not look as though the United States will annex any new territory, unless it would be Mexico, and I do not believe anything like this will occur as long as Mr. Wilson is at the head of our nation.



H. B. Lamer.

The soil in the New England states has been nearly exhausted, and with all the scientific farming it will support and feed but a limited number of people. The immigrants from the foreign countries as a whole settle in the East close to where they land. This will produce a congestion that has to be relieved, and the tide will turn to a newer and more open field. This field is in the Middle West in the states along the Mississippi and Missouri rivers and their tributaries. This is bound to raise the price of land in the West and for this reason the farmer that is now here has the advantage in more ways than one. He has the practical knowledge of the conditions of the land and knows where the best is to be found.

In any county seat in the Middle West there are from 50 to 100 retired farmers. The average farmer retires with \$10,000 and from 80 to 100 acres. When the owner left his place, as a general rule he did not leave his son there but took him to town and found employment at a small wage as a clerk or a delivery boy. Then who is running the farm if the father and the son have left it? The tenant. The farm has been rented for a high price and for a short time, as it is feared that the tenant will not suit the land owner.

The tenant raises about one-half the calves, colts, pigs, lambs and chickens and sells about one-half the butter, eggs and milk that were formerly produced on the place. Not only has the tenant fallen down on the production of stock but he has also failed in the amount of grain that has been raised by the land owner.

Now you ask the question, "Who is to blame for this lack of production?" The land owner is as much to blame as the tenant, for in most cases he will not rent his farm to any one man for more than one year at a time and consequently the place runs down. The result is that the tenant is no farther along than he was at first.

An instance of a better system of renting is found in France, where one may rent a farm for 10 or 20 years. This will give any tenant not only a chance to start a foundation of animals but also to produce one.

This misfit of the tenant and the farmer that is found in the United States makes a loss in production that is shown in the increase of the number of cattle in the United States in the last fifty years. At the close of the Civil war there were about 70 million people and about the same number of cattle. At the last census there were about 90 million people and only 55 million cattle. This may be due to the cutting up of the ranges, but for all that more cattle should be raised on a cultivated field than on the same amount of pasture.

We are not accumulating any surplus grain. We are living from hand to mouth; that is, eating in the winter what we raise in the summer. Do you realize that this is what a tramp does; merely accumulating in the summer enough to get through the cold weather while he cannot sleep in the street?

The second reason for my wishing to be a farmer is that I want to produce something that every man, woman and child in the world will need. This is

some form of food that is originally raised by the farmer. Thus the farmer can always find a ready sale for his products.

In addition to this being a money making proposition I also most sincerely believe that the farmer is the most independent man on the globe. He is his own "boss" and is working for himself alone. A man with a good home on a farm, and with a profitable income from it, is about the happiest fellow to be found. In the open country there is room for all, and there is none of the nerve-racking strain incidental to the business life in the city. There is nothing better than getting your hands over a big, awkward two-year-old draft colt, or watching the antics of a litter of small pigs that are growing into a bunch of ready money. Here we also have the choice of the productions of the farm and all at our own cost. There is no reason why the man on the farm cannot have the comforts of the city man with all the modern conveniences of light, heat and water in all the buildings.

After considering all these points I have decided to be a farmer.

**Special Days at Wichita**

The program of special days during the Dry Farming Congress will be as follows: Wednesday, October 7, Wichita day. Grand opening via wireless telegraph from President Wilson at 7 p. m.; Thursday and Friday, October 8 and 9, Sister Cities days. Large delegations from neighboring cities will participate in ceremonies set for the occasion; Saturday, October 10, Educational and Children's day. Special exercises and drills by children. Prominent speakers on educational subjects and child welfare will speak; Monday, October 12, Governor's day and the opening of the Dry Farming Congress by the governor. Governors from many states will be present. A grand parade of executive officials will precede the opening ceremony. This will also be Manufacturers' and Traveling Men's day at the exposition; Tuesday, October 13, Kansas and Elks' day and Press day. Special program will be arranged by the local lodge. Visiting newspaper men will be entertained by the exposition officials; Wednesday, October 14, Oklahoma and Fraternal Societies day; Thursday, October 15, Masonic and Retailers' day. Special displays will be made by the merchants and manufacturers at the exposition for the benefit of visiting trade; Friday, October 16, Implement and Farmers' day. Special demonstrations of agricultural machinery in Payne's park will mark the ceremonies set for this date; Saturday, October 17, closing day. The exposition grounds will be open daily from 9:30 a. m. to 11 p. m.

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For the purpose of quickly securing new and renewal subscriptions to the great home magazine, the Household, we have made arrangements to give away 5,000 official wall maps of western states and United States with the 1910 census complete.

This home, or office, library wall map is 28x30 inches in size, splendidly colored with beautiful half tones on the heaviest enamel paper. It shows the railroads and every postoffice and contains a complete index of the population of every city or town in the state selected. On one side is the latest map of your state, on the other side the latest map of the United States.

We can supply these special maps for any of the following states: Kansas, Oklahoma, Missouri, Nebraska, Colorado, Texas, South Dakota, Illinois, Iowa, Minnesota, Wisconsin, North Dakota, Oregon, Washington, California, Utah, Arkansas, Indiana, Michigan, Montana, Ohio, Wyoming.

There are, in addition to the maps and census, many other valuable features included in this chart.

We are making a special offer on this wonderful wall map as follows: Send 25 cents for one year's subscription, new or renewal, to our popular family journal, the Household, and one of the valuable wall maps is yours, sent free and prepaid. Be sure and give name of state map you desire. Address at once Department W M 12, Household Magazine, Topeka, Kan.

The imports of matches into China greatly exceed in value any other wood product. Most of the matches come in from Japan.



**What will you take for your Dead Stock?**

LIVE STOCK is always valuable but dead stock seldom finds a ready market. These cool nights are responsible for many cases of pneumonia; imperfectly cured hay and new grain are killing thousands of dollars' worth of fine horses and cattle; winter with its sleet and ice takes its toll with broken legs. Protect yourself from all such losses by a policy in

**The Indiana and Ohio Live Stock Insurance Co.**

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Prompt settlement of all claims. Ample resources. Liberal terms. Low but adequate rates. No arguments or unpleasantness. Policy covers death from all causes, disease as well as accident. Remember that this is the one Company that has never gone back on its policy-holders, even during the years of pestilence and epidemic. See our local agent or write direct to O. P. Updegraff, State Agent, 24 Columbian Bldg., Topeka, Kansas.

**Repair Your Own Tires — At Home**

A Shaler Safety Vul-Kit only costs \$3.50 and will pay for itself in the saving of tire expense in no time. It saves your tires, saves repair bills and prevents Blow-Outs and accidents. You can treble your tire mileage by keeping them in good condition with a Shaler Safety Vul Kit. It's handy for emergency repairs of tubes and casings. Every motorist needs it.



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It's absolutely safe. Anyone can use it because it is so simple and easy to operate. Burns gasoline or alcohol. No blazing flame—no danger of fire if accidentally upset. Requires no watching or regulating. You can't overcure or undercure the tire. Handle is always cool. Light, compact, convenient. Can be carried in your tool box. Satisfaction guaranteed. Price, fully nickled, complete with repair materials, \$3.50. We make a complete line of Shaler Vulcanizers for every requirement of motorists use and garage service.

**FREE BOOK "Care and Repair of Tires"**

is brimful of hints and practical information about the care and repair of tires. It tells what to do and how to do it. Send for a copy now—before you forget. It's free and gives complete information about Shaler Vulcanizers.

C. A. SHALER CO., 2300 Fourth Street, Waupun, Wis.



**APPLETON Husker & Shredder**

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The Appleton was the first successful machine husker made; the product of 42 years' experience in farm machinery making. Husks the cleanest, shells the least, and is equipped with the most efficient corn saver. Easiest and safest to operate.

Guaranteed to do more and better work with less power than any other husker of same size, working under equal conditions. Built by Appleton standards, it gives years of service; yet one season's income from it pays its cost. Send now for the Appleton Husker book—it's free. APPLETON MFG. CO., 597 Fargo St., Batavia, Ill., Est. 1872.

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Special Fair Week Storage Rates  
Responsible for all packages left in cars.  
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Hudson Sixes**

**SAVE HARNESS MONEY**

Write today for big free catalog of harness and saddles direct from maker at wholesale prices. We prepay freight charges. H. & M. HARNESS SHOP, Dept. K, St. Joseph, Mo.



**Stark Early Elberta Is Biggest Money-Maker**

B. Carine of South Glastonbury, Conn., has made a big fortune in peaches. He gives first place to this great variety. Comes in when market is tight—10 days ahead of old Elberta—with no other peaches on market. The sweetest, best-flavored, finest-grained yellow peach. Top prices on all you can produce. Plant this fall sure—gain a year. Write for Buyers' Low-Price Catalog.

Eastern growers address Stark Bros., North Girard, Pa., or Danville, N. Y. Western growers address only Stark Bros. Nurseries & Orchards Co. Box 148, Louisiana, Mo.

**ALFALFA SEED**

FOR FALL SOWING. From locality where it grows best and most abundantly. Our seed won the gold medal at the St. Louis World's Fair in competition with the world. All our seed is native grown, plump and vigorous. Write us today for prices and free samples. Address McBETH & DALLAS, Garden City, Kansas.

## The Women's Candidate

BY MINNIE C. D. SMITH  
Denver, Colo.

Mrs. Swan left her small son's shoes in Cy Becker's repair shop and hastened across the street to the home of Mrs. Anson Gates where a dozen or more ladies had already assembled.

Cy Becker left his shop and excitedly entered the general store of Mr. Anson Gates in the rear of which a group of the village's retired citizens discussed the topics of the day. Cy joined this group, his red hair fairly bristling with unsuppressed indignation and the wart on his pug nose seeming to stand out with even greater prominence than usual on his flushed countenance. He adjusted his spectacles before his crossed-eyes and said:

"The women of this town are going to school meeting tonight. They are meeting at Mrs. Gates's now to talk the matter over. Whom do you think this district will have for trustee if the women vote? Who? I say. Somebody that they think is handsome, of course, probably that foreign fellow that runs the fruit and cigar store and has black hair and eyes. Beauty, beauty, beauty. Nothing counts with women except beauty. Didn't they have to get red plush chairs for the church pulpit last year when the black leather ones had been good enough for forty years? Will women ever vote for a sensible man? No. Do women know anything about what constitutes sense? No. We must defeat their candidate. The mere fact that they are for him will prove that he is entirely unfitted for the place. I depend upon all of you to be at that meeting tonight and vote against anyone that they propose to support."

The afternoon waned. No sound issued from the cobbler's shop but the session in the rear of the store grew in excitement and deepness of plot.

The front door of the store opened and the ladies from Mrs. Anson Gates's residence entered. Silence reigned in the rear and the ladies filed to that place from which a hum of voices had never before failed to reach all who entered this place of business.

"There is Cy Becker," said the leader. "Why, Cy Becker we've hunted your house and shop all over looking for you. How do you happen to be hanging around here? We have decided that you are the man that should be elected school trustee tonight. We know that you went away to high school almost a year and you have read everything that has been printed since then and you are so good to all of the children. We know that you will hire a good teacher—which goodness knows we haven't got now. I don't believe he ever thinks about anything except what necktie he will wear the next day."

"You men will all vote for him, won't you?" said the speaker turning to the "retired citizens."

Grim silence reigned. Cy Becker arose and without glancing at his companions of the afternoon said: "Ladies, I am in the hands of my friends."

Satisfied with the result of their first venture into politics, the ladies went to their respective homes.

Silently Cy Becker started to leave the store. Anson Gates, who between measuring off calico and weighing out sugar had been an interested listener during the afternoon's conference, called him back and with twinkling eyes said, confidentially, "Cy, you can have that old mirror that hangs in the back room. I reckon you haven't got one."

## The Big Fair at Topeka

With the bounteous crops and general prosperity that Kansas enjoys this year the citizens of the state will wish to gather and celebrate. The Kansas State Fair Association is making preparations for this big gathering at Topeka, September 14 to 18.

This year's fair at Topeka is planned for the benefit of Kansas people. It is to be a week of entertainment and education with \$45,000 in purses and prizes and premiums as an additional attraction. With permanent brick and concrete fireproof buildings for livestock, agricultural, horticultural and industrial exhibits this large sum in prizes will attract large displays. There will be no midway this year. The space often taken for midway will be devoted to exhibits. There will be abundant high class entertainment, however, for there

will be concerts and special features every morning, afternoon and night. Every day there will be livestock parades and judging in the livestock arena, lectures and demonstrations on agricultural and livestock subjects by speakers of national reputation. Every night there will be the magnificent horse show in the horse show pavilion, 200 by 400 feet, brilliantly illuminated by electric lights. The finest turnouts from private stables of the wealthy horse owners will compete. There will be a famous concert band and soloists from the New York Grand Opera company on the program nightly.

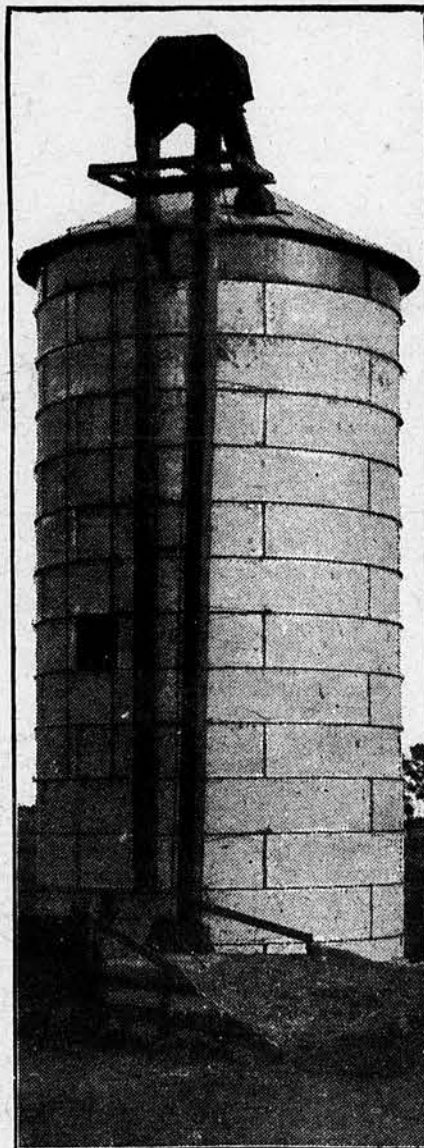
Among the many features of the Big Fair at Topeka will be the five days' racing on the fastest half mile track in the West; the Better Babies department; the wonderful dairy exhibit and butterfat contest; ten acres of farm machinery; an entire building devoted to poultry exhibits; stalls in permanent buildings for 2,000 head of show stock; county collective, Grange and individual agricultural exhibits; art, cooking, textile, manufacturers, educational, women's and machinery.

## K. S. A. C. Fruit Exchange

More than 1,000 cars of apples were handled by the Kansas Agricultural college, two years ago, for the fruit growers of eastern Kansas. Probably one-fourth of those apples would have rotted on the trees if it had not been for this help. This year the exchange or bureau will again handle apples in the same way, putting into communication the farmers who have apples and the dealers or individuals or co-operative associations in western Kansas and elsewhere that want apples. All correspondence should be addressed to the extension division of the agricultural college. Growers must state varieties and whether sprayed or unsprayed, and approximate quantity of grade. Growers will be expected to be very exact as to their grades and quality of apples. Dealers will be asked to be very specific in stating their wants.

A deep seedbed well supplied with soil moisture and well drained makes a big corn yield possible whether the summer proves "too dry" or "too wet."

## Storing the Wheat



Perfection metal granary holding 4,200 bushels; owned by James H. Hyde, Varner, Kan.

## Dairying at Wichita

The subject of dairying probably will receive more special attention at Wichita, October 7 to 17, than at any other public welfare gathering held in the West this year. The International Soil Products exposition will be held in Wichita on these dates. The International Dry Farming congress and the fourth annual Wichita fair will be held in connection with the Soils Products exposition. The exact dates for the dry farming congress are October 12 to 15.

Dairying will be strongly featured. The entire forenoon of the closing day of the congress will be devoted to dairy and silo problems. E. H. Webster, former director of the Kansas Experiment station will have charge of this meeting. O. E. Reed of the Kansas Experiment station; Roy C. Potts of the Oklahoma Experiment station; J. H. Frandsen of the University of Nebraska, and C. Larson of the South Dakota Experiment station will take part in the program.

A dairy and livestock exhibit will be held in connection with the congress. This will be in charge of O. E. Reed, professor of dairy husbandry in the Kansas Agricultural college. Herds of Jersey, Guernsey, Ayrshire, and Holstein cattle with butter records of 400 to 850 pounds a cow, a year, will be exhibited. There will be a milk show and a demonstration test of both purebred and common cows in connection with the dairy exhibit. A special tract of ground has been set aside for the display of silos.

Milk tests will be conducted every day under government, state, and city supervision. The competition is open to all milk producers in Kansas. Every entry must consist of 4 quarts of milk put up in quart bottles, and every exhibitor is limited to one entry. Special prizes also will be offered for the best and most complete record of the cost of production and the income from cows and chickens for a period of three months. A complete premium list can be obtained by writing to R. H. Faxon, Wichita, Kan.

## Two Kinds of Co-operation

Mr. Editor—There have been many good articles written on farmer co-operative societies and some of these societies have in a measure been successful. Most of them have been successful on the Golden Rule plan, or according to the principles of equity, but some have succeeded by applying the same old robber system of profit taking that has been in operation so long that it is a part of our nature. When persons co-operate they should have the interest of all.

Suppose B, a wealthier man than A, has done twice the volume of business with the company that A has, and the rate of profit was the same. At the end of the year B gets twice as much prorated back to him as A gets. In this case, this will be taking from A and giving it to B. It's simply a theft that B is not guilty of, although he is caught in possession of the goods and, what is more, keeps them.

To make co-operation a success according to the Golden Rule and principles of equity, requires men to strip themselves of selfishness, and those higher up on the financial highway of life, to come down on a common level with the less favored.

Farmers are now playing on one side and organized business on the other. The farmer plays an open game and the other side is there to see the moves that are made. Then it calls a meeting behind closed doors and makes its move in secret. It is these secret moves that beat us.

Another drawback on the farmer's side is that farmers don't play together. More players are needed in the game, to help us move together. All we need do is to play a clean game, an open, fair game to ourselves, and to the opposite side. We have only to study the Golden Rule of co-operation and be willing to help put it into practice.

Fowler, Kan. R. S. Hartman.

The fact that a man has good pay, a big salary or a large income, is no sign whatever that he may not be hard up—possibly on the verge of bankruptcy.

The worst part about harvesting is going back to city grub after boarding with some Kansas farmer's wife.

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### Hold Young Breeding Stock

BY J. C. MOHLER,  
Secretary of Agriculture.

The shortage of beef has become a serious question. Conditions occasioned by the war in Europe and Mexico make the previously serious meat situation caused by growing consumption, decreasing supplies, and prevailing high prices, more acute than ever. That the farmers of Kansas should hold their breeding herds intact and conserve the calves is the opinion of many of our most successful husbandmen. The beef industry has been declining rapidly while the population has been increasing steadily.

The problem of building up and replenishing our herds is of paramount importance. There are fewer beef cattle in Kansas today than in any year since 1896. In fact, excepting the years 1894, 1895, and 1896, the number is the smallest since 1885. Assessors' returns for 1914 show a falling off in the last year of 128,000 head. The total number of cattle in the state March 1 was 1,426,000 and 1,552,000, 12 months before. A decrease, of course, was expected because of the heavy selling brought about by the dry weather of last summer. These figures show the total number of cattle in Kansas every year for the last six years:

1909	2,018,965
1910	1,878,641
1911	1,706,268
1912	1,520,263
1913	1,551,782
1914	1,426,763

It will be noted that a decrease was recorded for every year except 1913, and that the enumeration in 1914 was less by about 29 per cent than in 1909.

Conditions throughout the United States have been somewhat similar. The records for the same period show a decrease of about 27 per cent in the total number of cattle, with an increase of about 78 per cent in the average price a head. The increase in value in Kansas amounts to about 72 per cent. That the Kansas percentage is less is due to the fact that its stock was worth more than the average of the nation in 1909. The United States' exports of beef have decreased nearly 60 per cent while the population has increased more than 21 per cent during the decade.

The day of free grazing in the great range country with its low priced feeders is past. The cornbelt farmer practically went out of the beef breeding business during the quarter of a century when it was possible to obtain range feeders at low cost. He cannot begin where he left off 20 years ago. It takes more than a day or a year to build up a breeding herd. If there is a fair profit in sight, however, he will get back in the business.

The present high prices are, of course, a temptation to sell the calves, but reserving the heifers and keeping them under intelligent management may mean greatly increased profits later. No increase over present production can be expected unless the breeding herds are enlarged. This cannot be done unless the calves are retained for breeding purposes.

Improvement in the stock is imperative for under cornbelt conditions, with its high priced land, the scrub will have to give way to the better bred, early maturing kind that can be turned into beef profitably and quickly. Worldly wealth by the meat making route is the highest type of agriculture for it maintains and increases the fertility of the land and enhances its value to the farmer and to posterity.

### Filling the Silo

One should not let the corn get too dry before starting to fill the silo. The best time is when the ears (on an average) leave the roasting ear stage and the kernels have begun to have a chalky appearance; then the stalk will not have lost part of its sap and nutrition as it does when it is allowed to stand until it becomes dry, for then you will have to add water to make it moist and pack together, and at that you will not restore the original sap or nutrition to the corn as nature has placed it there.

In filling the silo one cannot be too careful in tramping the silage as the more you tramp it the better it will be. It packs it closer and it will settle less and keep better; and tramp again as much next to the wall as the middle.

The cost of filling the silo last fall on our place was \$25 a day or \$37.50 for

the 1½ days required to fill it, an 80-ton silo. We exchanged work with the neighbors in threshing and silo filling for the help needed, so that there was no money out for that part only our time in exchange. We had six haulers and four pitchers in the field and three men in the silo tramping.

Where four or five close neighbors have silos I would advise them to buy a cutter and help one another. If they do not happen to have an engine among the crowd, hire one as it would be more economical in the long run to have their own cutter. I would advise cutting the silage as fine as possible as it will keep better and be more palatable for the stock. We cut our corn last year when it was in the stage mentioned and put no water on it and fed it to the cattle all winter along with the corn fodder and a little clover hay from January 15 till spring. They cleaned up every particle of ensilage and we sold two cows in January that had nothing more to eat than this ration. Some of the neighbors put their silage in after it had become drier and ran water through the blower as it was being filled and their cattle left some of the large pieces of stalks that were dry and woody. Our ensilage was all juicy and tender without the aid of water.

We fed 15 head of milk cows about 40 pounds of ensilage, 2 gallons of bran and a little clover hay, and one bundle of corn fodder daily. We had some cows that gave 5 or 6 gallons of milk daily on those rations and an ordinary bunch of cows at that. I think silos one of the most profitable investments a farmer can make. A. L. Parkinson.  
Horton, Brown county, Kan.

### Fall Work in Strawberries

To clean out the weeds in the berry patch I use a short-handled hoe with a very narrow blade. Thus I can hoe with one hand and pull weeds with the

For the next five years the United States must feed and clothe all of Europe. Also it will have to supply all instead of part of the needs of South America for manufactured goods. The mills and farms of the great producing countries of Europe have been almost totally abandoned that the workers may carry on the war. Mills have been burned or wrecked, farms devastated, harvests destroyed. We cannot raise too much wheat or hay next year, nor grow too much of anything. The western farmer who does his utmost will reap the greater reward and aid stricken humanity as well. For the same reason our factories should even now be running night and day.

other. Sometimes I let the last crop of weeds remain. This is the lazy man's mulch.

The best time to mulch strawberries is right after a freeze that leaves the ground hard enough to bear up a wagon. Half rotted straw is good for mulching as new straw is liable to have seeds of various kinds in it that will sprout next season and become a nuisance. Straw manure is also good. The fall and winter rains will carry the fertility into the soil leaving the straw on top to hold in the moisture and keep the berries clean.

I have grown strawberries for 40 years and all my crops have averaged somewhere between 50 and 400 crates to the acre, the crates holding 24 quart boxes. Jacob Faith.  
Eldorado Springs, Mo.

### Put Up Silage For 1915

Some men are not building silos this year because of the big forage crop. Others are not filling the silos they have, and are giving the same reason. Is this a wise policy? Silage will keep five or six years. Even if a man has lots of forage this year, he may not have enough next year, and a silo full of good silage, even if it were not touched this year, would come in mighty handy to supplement pastures next Aug-

ust. It would be a good thing for December feeding, and would prevent the shipping out of young stock. This certainly is the time to fill every silo. Kansas ought to build a thousand more silos before October.

### Why Leave Kansas, Anyway?

After having read several complaints of the small returns of farmers in Kansas and elsewhere, I have often thought that these people should have a little experience in this fruit belt. There was scarcely a man here, two years ago, that did not go in the hole anywhere from \$100 to \$600. Last year, when people should have made some money, the net returns were close to 38 cents a box of fruit. After paying taxes and water at the rate of \$15 an acre, what was left?

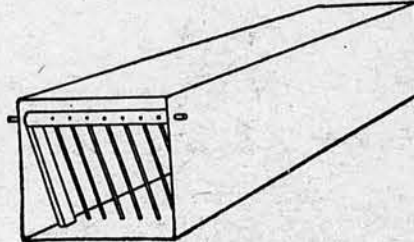
Many persons have come here and put their all in five and ten-acre tracts and have lost all. One man from central Kansas sold out and came here with \$22,000 cash. What has he now? He is working by the day and has a number of children to support. My suggestion is: "Don't get the 'wanderlust.'" Stay where you are and don't try these "get rich quick" schemes.

Farmers should organize as a unit and sell all their crops through their own agencies. If these fruit people would do this also, they could win and they will not win until they do. We should have one central selling agency exclusively controlled by farmers with sub-agencies over the entire state, and sell only through these. If the farmer will stop hating and trying to get even with his neighbor, and instead, work for a common interest, he will be able to control the markets. The way it is now the middleman and the associations in cities dictate the farmers' prices. Why not the farmer dictate prices the same as the merchant? Organize and stick together and you will win. J. M. M.  
Palisade, Colo.

### The Simplest Trap Yet

[Prize Suggestion.]

This rabbit trap has proved very successful for me. It is made of four boards 4 feet long, two of them 6 inches wide and two 8 inches wide. A 5-inch piece was sawed from a pitch



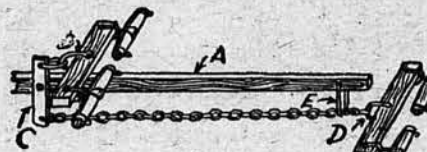
It's Always Set.

fork handle and holes bored through this for the wires as shown in the drawing. A small hole was bored through each side of the box near the top and a nail was driven through each hole into the ends of the fork handle. This trap is always set and more than one rabbit can be caught in one night. A trap door may be put in at each end or one end may be closed up with a piece of woven wire. Bait is thrown into the trap and the rabbit, being able to see through the trap, pushes in and the wires drop behind him. Hebron, Neb. Milton H. Sharp.

### To Hitch Two Teams Tandem

[Prize Suggestion.]

This is the four-horse equalizer I used on my sulky plow this spring and it did very satisfactory work for me. The



The Equalizer Stands Upright.

equalizer C stands perpendicular when in use. It is made of a piece of 2 by 4 and is 18 inches long. The rear double-tree is attached to the upper end of the equalizer while the cable or chain from the lower end passes along below the tongue to the front doubletree, D. E is a long clevis to hold the chain in place. Taylor, Neb. W. W. Pedrick.

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**Experience With Fall Strawberries**

BY L. J. FARMER.

I got my first supply of improved fall bearing strawberry plants in the spring of 1910. These were the Francis and Americus. The next spring, I got a supply of Superb and Productive. Since then I have tried Iowa, Progressive and several others.

The fall bearing strawberries have been a great success with me. They are more persistent in blossoming in the fall than other kinds are in the spring. If strawberry plants blossom, they are quite sure to bear fruit, and we have had a plentiful supply of fruit at any time we wanted it. To distinguish these strawberries from spring or summer bearing kinds, we have called them Fall Bearing, but really they are everbearing strawberries. They begin to blossom in May when other kinds do, and continue to blossom as long as there is any growing weather. In about three weeks after the blossom, you get ripe fruit, so that you can have ripe fruit most any time after May, by properly manipulating the blossoms. With common spring bearing varieties there is only one set of blossoms, and these are produced in May. If frosts come at this time, they are destroyed and we get no fruit. With the everbearing kind, if one or two or several sets of blossoms are destroyed by frost, you will still get a crop of berries provided there is sufficient time after the blossom is set to mature the fruit.

Last spring, we had late frosts which destroyed nearly all the blossoms of the spring bearing kinds. Strawberries were the smallest crop in many years. The spring bearing kinds were almost an entire failure. It killed the blossoms of the fall bearing, yet they came out again in a week or so and bore an immense crop of berries in June and early July. These same plants that bore so heavily in June and July, without any further manipulation except good culture, began to bear in August and continued to bear until the blossoms and berries were destroyed by heavy freezes in the fall. The strawberry is a very hardy fruit and the only time that it is easily injured is during the blossoming period. After the berries set from the blossom and become as large as peas, it is very hard to kill them and they will grow and ripen even after heavy frosts.

Our first real picking of fall bearing strawberries in 1913 was made July 21. After that we picked berries in quantities almost every day up to Oct. 11. On Aug. 27, we gathered 490 quarts and did not finish picking the beds, picking 82 quarts the next day. At the state fair we showed a barrel filled with earth and plants growing out from its sides through holes; with blossoms, green and ripe berries on the plants; also plants in pots with berries on them, and 324 quarts of berries, arranged nicely in crates and carriers.

The season of 1913 will long be remembered as the most unsatisfactory from an agricultural standpoint that we have had in many years. It was so dry that most everything suffered. Dairymen had to buy so much grain to piece out the pasture that their profits were destroyed. It was too dry for corn, potatoes and garden crops. A killing frost Sept. 10 killed corn and potato tops. Fall strawberries suffered with the rest, but we kept the weeds out and the cultivators going and it was the surprise of everybody how we could get them to bear at all in such a dry time. We had about 2 1-2 acres in fruiting and had it been a normal season we would have been bothered to get them picked. As it was, we gathered nearly 150 crates of 32 quarts each, and they sold at an average price of \$6.40 to \$8 a crate.

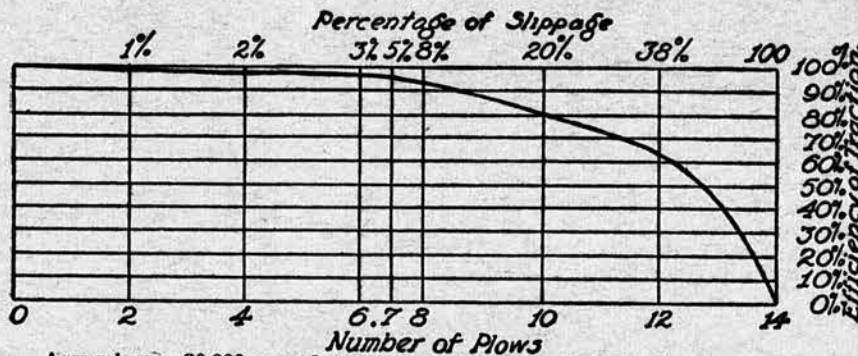
Of all the varieties, the Americus stood the drouth best. We would pick the Americus and every time we picked them we would think that it would be the last good picking and yet the next might be a better picking than the last. Thus it kept up from week to week until a heavy frost Sept 10. This was an unusual freeze for the time of year and killed all the blossoms and softened a good many of the ripe berries that were exposed. The small berries that had already set from the blossom were not all destroyed and the most of them developed and ripened. There were freezes from time to time after this which destroyed the blossoms and we did not get berries quite so

late this past fall as we have during former seasons. Most of our fields were two years old and these begin to fruit earlier in the season and do not last as late as the new set fields. The berries that are found in large quantities late in October are generally found in the beds that have been set the same year.

**Plows and Slippage**

It is a well known fact that a certain amount of slippage occurs when a tractor is pulling a load. Assuming fair, average conditions of soil and a 20,000 pound tractor, the percentage of slippage does not increase rapidly as we add plows, until we reach a critical number of plows. Then the percentage increases in a much more rapid ratio, until 14 plows stall the tractor, so that the drivers turn around without any forward movement of the plows. In other words, the tractor slips its drivers without moving.

This decrease in tractor efficiency is graphically shown by the curve. The



Assuming a 20,000-pound tractor with standard cleats in an average field, the above curve represents the percentage of figured or theoretical speed which will be made in practice with different numbers of plows.

percentage of slippage is shown at the top, and the number of plows causing such slippage at the bottom. The efficiency of traction is shown at the right. By this is meant the percentage of power delivered to the drivers which is actually being used to move the plows forward. The difference between any percentage of efficiency and 100 per cent, represents the loss due to slippage.

With two plows, the slippage is 1 per cent. Then the efficiency of traction is 99 per cent. The wheels lose but one turn in 100. With 8 plows, we have a slippage of 8 per cent. The drivers move forward 92 revolutions and slip 8 out of each 100. The ratio then changes rapidly and the slippage with 10 plows becomes 20 per cent, and one out of five turns of the drivers is wasted in tearing the soil beneath the drivers. Only 80 per cent of the power is used to pull the plows forward. When 14 plows are hitched on, the tractor spins the drivers, and buries itself, anchored by the plows.

**A Pair of Ice Tongs Home Made**

Mr. Editor—This sketch shows how I made a pair of ice tongs from two old mill files. Each file was drawn out until 21 inches long, then forged into proper shape. The points should be thin and sharp. The handle is made of a round iron rod, the ends being turned up to receive the links from the ends of the tongs. These tongs will handle all one man can lift and are handy around the ice house the year around.  
Dan Woods.  
Zurich, Kan.

**A Reminder From Iowa**

Just at present, the blame for the situation seems to lie with the "One Board," says the Ottumwa, Iowa, Courier. That body and Prof. Bowman had agreed that his word was to be final in the hiring and dismissing of instructors. Further it was stipulated that at any time the board felt desirous of dispensing with the services of the president, he would resign upon request. That appeared fair.

Yet the board saw fit to discharge a professor over the head of the president and without consulting him and that left the president in the position of either

swallowing the dose and relinquishing his prerogatives or resigning.

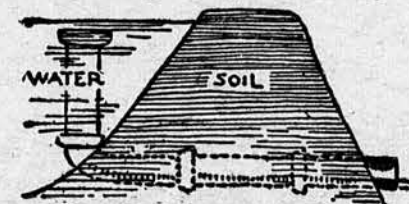
If that was the object of the board, it would have been the more honorable and upright thing to do to remind Prof. Bowman of his agreement and ask for his resignation. If the board had no desire to bring about the removal of the president then that body had no moral right to put the president in a position where his own authority and integrity were at stake.

It is unfortunate that Iowa's schools should be a battlefield for political and private intrigue.

**New Way to Close a Ditch**

The plan is to build a dirt dam at the lower end of the ditch, where it leaves the field. Under the dam is laid a tile big enough to carry the water that comes down, and on the upper side of the dam an elbow is put in the tile and the tile laid up nearly to the top of the dam. When it rains and the water goes rushing down, the dam backs the water up and when the water gets nearly to the

top of the dam it overflows into the top of the tile and finds an outlet. The water flowing from the top all the while, the dirt and sediment at the bottom is dropped and the ditch above the dam fills up and gradually fills all the way



Cross Section of Dam and Tile.

back to the head of the ditch. A year will close some ditches so crops may be grown in them. Such a plan costs about seven dollars to put in operation.

**To Move a Barb Wire Fence**

Mr. Editor—I have a handy device for rolling up wire. A frame is made of two pieces of 1 by 6, 5 feet long. These are spaced 24 inches apart with two 1 by 6-inch boards nailed across. Bore a

large hole through the rear end of each board. Then get a pair of old rake wheels and a piece of 1-inch water pipe. Run this pipe through wheels, guide, and spool, and let it stick out about 2 feet on one end. There should be three holes drilled through pipe, two on the outside of wheels to run a small bolt through to hold wheels in place, and one next to spool. Run a rod through this hole and staple it to spool, so when the rod turns the spool must turn too. Wedge a harrow tooth in the end of pipe and fasten a crank to it. Crank should be about 18 inches long. In the illustration A represents the frame, B B the wheels, C the spool of wire, D the crank. Have one man push the roller while another turns the crank, and you can roll up the wire about as fast as a man can walk along.

Walter A. Dengler.  
Scott county, Iowa.

The certainty of inherited dairy qualities in the offspring does not depend upon the good qualities of the mother alone. We can only be reasonably certain when she has been bred to a sire whose ancestry shows the same good qualities which we wish to produce.

The farmer gets his wealth away from nature. The rest of the people have to get theirs away from each other.



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Geo. Raff, Arkansas City, Kan., writes: "Headed over 100 acres. We made an average of over 10 acres a day. It saves the grain better than you can handling by hand. We think it is the only header out." Sold on a positive guarantee and not one complaint received.

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The facts are—1 a m building a just 4,000; no more. Going like hot cakes now—get your reservation in. My price is based on that quantity, or the same on one as if you'd take the whole 4,000. You buy direct from factory and pay for actual cost of labor, material and

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Better still. I have 5 selling plans—cash or credit—which makes it still easier for you to own an elevator. Don't buy any make or kind until you first get my proposition. Write today for illustrated circular and full particulars about the elevator that's creating a sensation everywhere. Address: WM. GALLOWAY, President, WM. GALLOWAY COMPANY, 48 Galloway Sta. Waterloo, Iowa

# Cattle Receipts Fall Short

## Lowest Since 1896—Cash Wheat Reaches \$1.18—Market Forecast

BY C. W. METSKER  
Kansas City, Mo.

ALTHOUGH the season for big runs of cattle is here the supply is falling short of any previous year since 1896. The August receipts of cattle were short 30 per cent and the receipts the first few days in September indicate a shortage this month of 25 to 30 per cent. The total shortage for the year will exceed 25 per cent.

Firm prices are being maintained for the rank and file of the offerings, and new high record levels were quoted for prime beefs. The top in Chicago was \$10.90 and in Kansas City \$10.60. Native cattle that show a reasonable amount of dry feed are bringing \$9 and up, and the western offerings are tagged at \$7.50 to \$9, except some ordinary kinds that have not enough quality for feeders, and not enough flesh for killers.

From below the quarantine line only meager supplies are moving and the low quality of the offerings indicates that a close clean up is being effected. Quotations for quarantine cattle range from \$6.25 to \$8.50.

### Grass Cows Come High

When range cows whose weight has been accumulated on grass alone sell at \$6 to \$6.50 in September they are high, and above any previous record. Such sales were made last week, for practically all the good western cows offered. Most of the grass fat heifers are bringing \$7 to \$8, and "canner" cows \$4 to \$4.35. Fed butcher cattle are extremely scarce and killers are having trouble to supply the trade with light loin and rib. Veal calves remain in active demand with eastern prices up to \$11.50, and river prices topped at \$10.75.

### Fall Trade in Thin Cattle

Need of thin cattle for the corn belt feeding sections is developing. Rains since late August have been general and heavy in Texas, Oklahoma, Kansas, Nebraska and all states east. Since the recent rains came commission men say that inquiry for stockers and feeders has increased 50 per cent. Prices have advanced only moderately, as they have been near the danger point all along. Feeder demand will continue up to late December. In October a large number of calves will be delivered from the Southwest to Illinois, Missouri and Kansas.

### Buying Direct From Feeders

The big packing houses moved by the shortage of fat cattle in current receipts have buyers in feeding sections gathering droves for this month's delivery. In the Tarkio district 1,200 steers sold last week to Armour and Company at \$10 a hundred pounds. This indicates but one thing and that is a shortage in prime beef. Some have advanced the theory that killers are buying a supply in advance so that they can depress market prices, but this is not likely as packers become country buyers only when market supplies are short of requirements.

### Wheat and Hog Market Related

When the big wheat crop of the Central West was in the process of being harvested and indicated prices for the cereal were low growers said they would feed wheat to hogs. Since then prices for wheat have scooted up more than 44 cents a bushel and now farmers say they will sell their wheat and market hogs half fat. As a result, thousands of thin pigs are going to the packers that should have been held for a weight gain. The prices for good hogs are holding at about \$9 and the ordinary and half fat kinds are selling under \$8.75 or 50 cents lower than they were 10 days ago.

### Sheep Prices Lowered Too Rapidly

When killers got lamb prices below 8 cents late in August their greed for cheap prices was so keen that they decided even 7 cents was too high. In that calculation they did not take into consideration the need of the country for thin lambs. When prices for fat lambs were around \$7, country buyers paid \$6.90 for feeding lambs and killers found themselves short. In the next few days prices for fat lambs rose 50 to 65 cents, and feeders were up only 10 to 15 cents. Receipts last week were not so large as in the preceding week, but the quality was excellent. With the Northwest movement well under way, and the fall feeder trade well established an even demand and firm prices are expected for some time to come.

### Horses For England

About 2,000 horses were inspected in Kansas City and St. Louis last week, and shipped to Canada by English army officers. From there they will be sent to England, possibly France, for use in the war zone. This is only the beginning of the trade and firms in St. Louis and Kansas City already hold an order for 10,000 and have their agents in the country buying. No price is quoted for such horses but dealers are trying to get them at \$75 to \$100 a head, and the English government is to pay at least \$135 to \$150 a head. The recent action of the market shows that dealers have manipulated prices. The first orders from abroad were received three weeks ago, and they kept that a secret. They also reported no demand for horses and quoted prices down \$25 to \$50 a head. Then they began to buy through country agents. Only a small part of the general order has been filled and since the coun-

try knows the general purport of this outlet better prices can be demanded.

### Movement of Livestock

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

	Cattle	Hogs	Sheep
Kansas City	42,125	31,200	44,750
Chicago	48,400	100,000	135,000
Omaha	23,550	33,300	106,000
St. Louis	24,100	41,500	9,450
St. Joseph	6,150	20,500	12,800
Total	144,325	226,500	308,000
Preceding week	143,750	250,350	309,500
Year ago	215,400	264,000	343,750

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

	1914	1913	Inc.	Dec.
Cattle	928,662	1,279,052	350,390	26,435
Calves	58,446	84,881	26,435	392,452
Hogs	1,323,703	1,716,155	392,452	50,299
Sheep	1,220,546	1,270,845	50,299	4,063
H. & M.	49,187	53,235	4,063	21,420
Cars	59,158	80,578	21,420	

### Wheat Prices Continue Upward

War continues to harden prices for wheat with the cash price up to \$1.18 a bushel at primary markets, and the May price for future delivery going up to \$1.31. How long the rise will continue is uncertain but with the country price well above \$1 a bushel and no one anxious to sell there may be a still further advance. By spring \$1.50 a bushel is as probable as \$1 a bushel at the present time seemed possible two months ago. Corn is firm, a slight advance showing its sympathy with the rise in wheat. Oats and all feed stuff are higher.

### Hay Quotations at Kansas City

Prairie, choice	\$12.50@13.00
Prairie, No. 1	11.00@12.00
Prairie, No. 2	9.00@10.50
Prairie, No. 3	6.00@8.50
Timothy, choice	15.00@16.00
Timothy, No. 1	14.00@14.50
Timothy, No. 2	13.00@13.50
Timothy, No. 3	11.00@12.50
Clover mixed, choice	14.00@14.50
Clover mixed, No. 1	12.50@13.50
Clover mixed, No. 2	10.50@12.00
Clover, choice	12.50@13.00
Clover, No. 1	11.00@12.00
Clover, No. 2	9.00@10.50
Alfalfa, choice	14.50@15.00
Alfalfa, No. 1	13.50@14.00
Standard	12.50@13.00
Alfalfa, No. 2	11.00@12.00
Alfalfa, No. 3	9.50@10.50
Straw	4.50

### Feed and Seed Quotations

Feed—Shorts, \$1.25@1.35 a cwt.; bran, \$1.06; chop, \$1.51; rye, \$8c@1 a bu.; barley, \$3@3.5c a bu.  
Seeds—Alfalfa, \$9@12.50 cwt.; clover, \$9@12.50; timothy, \$3.75@5; millet, \$1.20@1.70; flaxseed, \$1.40@1.48.

### Wasted Opportunities

"Little drops of water on the grains of sand, make a mighty difference in the products of the land."

Driving past the farm of H. C. Estes, located one and one-half miles east of

Not those who go amid the shot and shell, to shed the blood of their poor fellowmen, but they who dare to live, and so love others that these others may find living worth while; who do the little duties of the day without complaining of the load or rough hard way, and smile at others while their own hard lot tests heart and nerve—these, who are daily faithful, though the world does not applaud, are greater than the man of nerve on battlefield, or the woman who, in honor of her art attracts the crowd and hears its wild applause.

We need the heroes of the hour, the age; the man and woman who, in brilliant deeds, shine forth in grand array; but even more than heroes of the brilliant age, we need the Heroes of the Common Day.

Adams, I noticed the effects of water. This farm is located in the Chickasha valley. The northeast corner extends up on the hill, and there on the highest land on the farm are a number of large springs. One of the smaller of these springs is on the land in cultivation. Mr. Estes dug a ditch toward the road

to carry the water. But this last fall in preparing the land to sow to rye, he turned a back furrow next to the fence and this formed a shallow ditch along the side of the field. The water has followed this ditch for perhaps 120 rods, and its effect is plainly seen, for from 3 to 5 rods beside the little rill of water the rye is rank and a rich dark green, as if growing on heavily manured land.

Now, what may we conclude? Here is water enough furnished without any expense for pumping to irrigate at least 100 acres. All that would be needed would be to make the trenches. The springs would do the rest. But this farm is owned by an old Kentucky Democrat, a most excellent judge of good mules, but not the man to use this natural irrigation plant that has been constructed ready for use. Now, I have not written this to advertise this particular farm; but to ask the people of Kansas to notice how many of the millions of springs of pure water that gush out in Kansas could be turned to some good account by making some of our land more productive. E. N. Pugh, Harper, Kan.

### What to Do in Case of Fire

TOLD BY A TWELVE-YEAR-OLD.

A person cannot be too careful with fire, though it is the best servant we have. If it were not for fire we couldn't very well get along.

We must never be servants of fire; that is, we must never let it manage us, but we must manage it always.

If one must use coal oil or gasoline to start a fire it is well to pour the liquid into a small tin lid, or something of the sort, and pour on the wood before lighting. Never pour the liquid right out of the can, as it is liable to cause an explosion. Leave the stove lids off until the fire is started, or it may cause an explosion.

Extensive burns are more dangerous than deep ones, because waste matter is thrown off through the skin. The waste is thrown off from the body through the lungs, kidneys and the skin. It is thrown off through the skin in the form of perspiration.

If a small part of the body is burned it is well to apply baking soda. One may be burned so badly they cannot live, but they can be made a little more comfortable by covering the body with linseed or olive oil. If one-third of the body is badly scalded the patient cannot live.

Suppose clothing were to catch fire, the best thing to do is to lie right down. This helps to smother the fire out. You should never run for water to put it out, as fire always likes to take an upward flight. It is well to use a blanket or something that is heavy to put the fire out, as the fire is easier checked in this way.

Most often a person when on fire wants to run out in the air. This is the worst thing one can do, as the wind helps fire to burn rather than to put it out.

If one is only slightly burned they should be cared for at once because if they are not it is liable to cause one to be deformed or to leave a bad scar.

Treat scalds the same as burns. Never open a blister from the top; better open from the side. Mayme McKee, Seventh Grade.

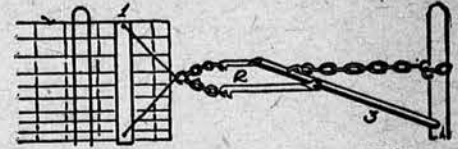
It is not what you eat but what you digest that makes you healthy; not what you earn but what you save that makes you wealthy.

If the good old custom of ducking scolds were revived, many a home could dispense with the bath tub.

"Riches don't need wings as long as we have tourin' cars," says Abe Martin.

### A Woven Wire Stretcher

To make a good woven wire stretcher, take a 2 by 4 piece of timber as shown at 1, a little longer than the width of the



Simple Stretcher for Woven Wire.

wire, with bolts at the ends to clamp on the wire. The hooks shown at 2 are made from a wagon tire. Heat the tire until it is soft, then cut off a piece 2 feet long, heat again and split one end in the middle for a distance of 3 inches back. Then turn the points backward to form hooks so they will catch freely on the links of the chain as shown in the sketch. Cut another piece 6 inches long and weld on other end in clevis form with a half inch hole through it for bolting on lever which is a 2 by 4 about 6 feet long. William Ewing.



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You can't get Galloway quality at any price. I get one small manufacturing profit, the rest of your dollar buys what you need. The other way your dollar pays the profit of the manufacturer, the jobber and the dealer. You have tried the old way. Now try my way and see what you save.



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Make last-forever posts at less than cost of good wood posts. Five minutes a post—100 a day. Easy for anyone with our Post Mould Outfit, \$12.50 freight paid. Make good money selling posts. Postal brings booklet and 30 days free trial offer.  
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XXX 64 gravity gasoline	\$10.00 for 52 gal. bbl.
1 case graphite axle grease (2 doz. 3 pound pails)	\$3.50
40 gravity prime white stove distillate	\$4.50 for 52 gal. bbl.
38 gravity stove distillate	\$4.25 for 52 gal. bbl.
60 gallon (26 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home	\$3.60
Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools	\$4.00 for 52 gal. bbl.
STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits)	\$5.00 for 52 gal. bbl.
I also carry a full line of lubricating oils.	
I will pay \$1.25 each for my crude oil barrels, \$1.50 each for my refined oil barrels returned to me at Coffeyville, Kansas, in good order, less freight charge on same.	

**C. A. STANNARD, BOX M, EMPORIA, KAN.**

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**TWO** farms must sell. Good terms. Description given. Price & Son, Eldorado, Kan.

**FINE** combination pasture and bottom farms. Big money-makers. V. A. Osburn, Eldorado, Kan.

**160 ACRE BOTTOM FARM;** alfalfa, corn or wheat land. 7 room house. Big bargain. M. T. Spang, Fredonia, Kansas.

**FOR SALE** 146 acres second bottom land, 1/2 mile from the city of Concordia. C. B. Haldeman, Concordia, Kan.

**WRITE** for our list of farms and ranches in alfalfa, wheat and corn belt of Kansas. Willis & Co., Emporia, Kansas.

**475 A.** 5 miles out; best improved stock and grain farm in the country. \$55.00 a. E. M. McGinnis, Princeton, Kansas.

**BARGAIN:** 160 a. improved; farm joins town. Half in cultivation. Alfalfa land. \$5,500. Fred A. Reed, Salina, Kansas.

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**HARVEY CO.** 240 a. imp., 4 ml. town. Bargain at \$12,300, good terms. Owner, Box 33, Whitewater, Kan.

**FOR SALE:** 5-10-20 and 40 acre tracts, well improved, near Lawrence. Price reasonable. T. N. Castles, Leader Bldg., Lawrence, Kan.

**320 A.** highly improved, 6 ml. Herington. Best farm in country. Exchange. Stock ranch. Mott & Kohler, Herington, Kansas.

**80 A. IMP.** 3 ml. town, bottom, 20 a. alfalfa. \$75 acre. Other bargains. Free lists. Fred J. Wegley, Emporia, Kansas.

**POOR MAN'S CHANCE.** Deal with owner for 160 acres creek valley, alfalfa, corn, wheat. Well improved farm. H. H. Burns, Argonia, Sumner Co., Kansas.

**320 A.,** Stevens Co., 3 ml. from Moscow on Santa Fe cutoff; level black wheat land; price \$3,600; would take good auto in part payment. Chas. W. Ellsesser, Liberal, Kan.

**FOR SALE.** 320 a. farm, well imp., good water. 80 a. in alfalfa. \$16,000. 160 a. with new imp. 30 a. in alfalfa; \$7,500, easy terms. Guss Schimpff, Burns, Marion Co., Kan.

**THREE SNAPS:** 155 a. 3/4 ml. out, fine imp., \$12,000. 120 a. 4/4 ml. out, good imp., \$6,000. 80 a. 2 1/2 ml. out, good imp., \$4,000. Terms. Decker & Booth, Valley Falls, Kan.

**154 ACRES** in Harper county. All level, good soil, fine location, big supply of fine water. A splendid proposition at \$6,500.00. Do not wait, write us now. J. E. Couch Land Co., Anthony, Kansas.

**40 A. NEAR CHANUTE.** 25 a. cult.; some alfalfa; 10 a. pasture; orchard; 6 rm. house; large barn; 2 wells; 1 ml. school. \$700 cash, terms on bal. Price \$2,000. J. L. Taylor, Chanute, Kansas.

**IMPROVED** 320 a. wheat and corn farm, 3 ml. of Oakley, Kan. Fine soil and water. 200 a. in cult. Rents well; sacrifice for quick sale, \$4,000. Also irrigated bottom land relinquishment close in to Rocky Ford, Colo. cheap. If you want a good farm in the West you can't beat these. Christensen Realty Co., Desk A, Hutchinson, Kan.

**STOCK FARM** in Chase county, Kansas. 240 acres 5 miles from town, 1/2 mile to school. Daily mail, telephone. 140 acres cultivated. 45 acres alfalfa. 100 acres fine grazing land, 7 acres timber. Splendid improvements. Price \$60.00 per acre, terms. J. E. Bocook & Son, Cottonwood Falls, Kan.

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**IF YOU WANT** one to five acre tracts or farms write Doane & Sons, Strang Line, Lenexa, Kan.

**SELL YOUR PROPERTY QUICKLY** no matter what or where it is. Pay no commissions. Particulars free. Dept. F, Co-operative Salesman Company, Lincoln, Neb.

**Montgomery County Bargain** \$45 per acre buys imp. 340; 200 a. in cultivation, bal. pasture; all good, strong land well located; get details. Foster Bros., Independence, Kan.

**\$35.00 PER ACRE (\$7,000) CASH** will buy this 200 acre stock and dairy farm, located six miles S. W. of Reece, Greenwood Co., Kans. 40 acres valley land under cultivation (would grow splendid alfalfa), balance extra good pasture. Has a good six room house, other buildings only fair, farm all extra well fenced, good well, equipped with mill, and large cement water tank. Legal numbers are—The N. 1/4 of S. W. 1/4 Sec. 27-28-8 Greenwood Co. and the S. E. 1/4 of Sec. 28-28-8 Butler Co., Kans. No trades considered. Address W. H. Dayton, Abilene, Kansas.

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

**60 A. Polk Co.,** all fenced, house, orchard, well; 5 ml. to railroad. \$15.00 a. Terms. King & Coon, Flemington, Mo.

**A RANCH FOR SALE CHEAP.** Trego county, Kansas. 1630 acres. Address Jno. E. Sneed, Cynthia, Ky., for particulars.

**GOOD, smooth wheat and alfalfa lands** at \$15 to \$25 per acre. Write for price list, county map and literature. Floyd & Floyd, Ness City, Kansas.

**WELL IMPROVED** 320 a. Mile of town Ness Co.; growing crops, 11 cattle, 4 horses, imp.; possession at once. \$7,500.00; terms. R. C. Duxton, Utica, Kansas.

**BARGAINS!** 155 a. 3/4 ml. out, well imp. \$12,000. 100 a. 2 ml. out, imp., \$85 a. 194 a. 4 ml. out, imp., \$8,000. 80 a. 4 ml. out, new, imp., \$80 a. Compton & Royer, Valley Falls, Kan.

**SOME DANDY FARMS.** 80 and 160 acres. Good alfalfa land well located in Wilson county, for sale cheap. Terms easy. Write for particulars. C. A. Long, Fredonia, Kansas.

**ATTENTION!** Farmer and stockman. Polk Co. is the best county in S. W. Missouri for farming or stock raising. Good smooth land, fine water, mild winters. Polk Co. Land Inv. Co., Bolivar, Mo.

**BARGAIN.** 160 acres all nice smooth land, well improved; 4 ml. town. 40 a. pasture. Balance in cultivation. Price \$45 per a. Terms. Gile & Bonsall, So. Haven, Sumner Co., Kan.

**80 ACRES ONLY \$600.** 80 a. 9 ml. Wichita; good loam soil, plenty bldgs; mile small town; only \$4600; terms \$600 cash, bal. \$500 yearly. Big bargain. E. M. Mills, 1003 Schwelzer Bldg., Wichita, Kansas.

**BUY WHEAT LANDS:** We have large list of lands in the great Kansas wheat belt, at prices ranging from \$1,000 to \$12,000 per quarter. One crop pays for land, in many cases. Write The Howard Land & Loan Co., Pratt, Kan.

**FOR SALE ONLY.** 160 a. alfalfa farm Arkansas river valley; every foot alfalfa land. 60 a. in alfalfa. Well improved; well located between Andale and Mt. Hope. Worth \$24,000. Will sell \$19,200. C. F. Fouquet Inv. Co., Andale, Kansas.

**368 A.** combination stock and grain farm. 175 a. alfalfa land, bal. good upland, well improved; close town. Price \$50 a. 160 a. creek bottom alfalfa land; never failing water, good timber, improvements poor, close town. Snap \$45 per a. I. N. Wells & Son, Emporia, Kansas.

**NESS COUNTY LAND.** \$12 to \$30 buys good wheat and alfalfa land in a county that produced 136,000 acres of splendid wheat. For Trade: Imp. choice sec., 1/2 bottom, near Ness City. Want Eastern land or income property. Price \$22,400, enc. \$8,000. C. F. Edwards, Ness City, Kan.

**FOR SALE—320 a.** alfalfa land, 12 ml. W. Jetmore, on Buckner creek bottom, shallow to water, 7 to 10 ft. \$10 a., half cash, 30 days' option. 640 a. improved farm, 11 ml. S. W. Jetmore, all level, near school, \$15 a. \$3,000 down. Write for particulars. Kenyon Land and Inv. Co., Jetmore, Kan.

**LABETE AND CHEROKEE COUNTIES.** Bargains in fine improved farms. A few special bargains on selected farms. Can show you farms that produced this year 30 bu. of wheat, 60 bushels of oats and 50 bushels of corn per acre. Three cuttings of alfalfa. These farms have good water, good buildings and near market. Can sell you these farms at from \$35 to \$50 per acre on terms. Write me for particulars. Remember our location. Southeast Kansas, best climate on earth. C. R. Walters & Co., Oswego, Kan.

**FOR SALE:** 320 acres of slightly rolling upland with part of it low enough that it will raise alfalfa. 4 room frame house, nice little barn for 3 head of horses, granary for 1,000 bushels of grain, splendid well of soft water. 290 acres in cultivation, balance meadow and pasture. 100 acres rented for wheat, 1/4 to purchaser, 190 acres for spring crops. This farm is so situated that grain and feed crops always command a good price from ranch owners in the Brookville district. A bargain at \$45.00 an acre. Write for list of 100 Central Kansas farms for sale. V. E. Niquette, Salina, Kansas.

**FINE GRAIN FARM FOR SALE** 200 acres smooth land, 5 miles from town; Anderson Co., Kan. Well improved, fine crops on farm; good neighborhood, hundreds of head of cattle have been fed on this farm. Is offered at a bargain; no trades. J. F. Ressel, Owner, Colony, Kansas.

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

**Special Snap** 80 acres, improved. Well located. In southeastern Kansas. Terms \$800 cash. Balance in small payments from 2 to 10 years. Price very low. Fine climate. Big crops. Send for illustrated booklet. Address The Allen County Investment Co., Iola, Kan.

## For Sale

A ranch in southwest Kansas, will sell cheap and on terms like rent. H. C. WHALEN, 213-14 Bitting Block, Wichita, Kansas.

## EASTERN KANSAS FARMS

320 a. 1/4 ml. Amlot, Anderson Co., 300 a. good alfalfa land, deep, black sandy loam; abundance of water. Can't be beat for stock or grain farm. \$65.00 per acre.

100 a. adjoining Garnett, Anderson Co.; excellent alfalfa land. Fine improvements. An ideal home. \$125 per a. Long time at low rate of interest on either of these. Moses T. Bantz, Owner, Shenandoah, Iowa.

## Sedgwick Co. Farm Bargains

80 acre farm, good house, barn, silo. 25 a. alfalfa; only 6 miles from Wichita, \$5,500. Terms on \$2,750. 720 a. wheat farm, level, best of land. 450 a. sowed to wheat this fall. \$38 per a. 40 a. tract; best of land. Can be irrigated; at Wichita, only \$100 per a. 160 a. farm; large house, barn. Farm complete. 30 a. in alfalfa. \$75 per a. Take smaller farm. H. E. Osburn, 227 E. Douglas, Wichita, Kan.

## For Sale

80 acres of the best bottom land in Kansas. This land is all in cultivation but unimproved. The land lies due south of Salina on the Ninth Street road, only 2 miles from the Wesleyan University. We could sell either the north or south 30 and might get the owner's consent to sell the whole quarter. This farm has not changed hands in 45 years and no other land in that locality is for sale at any price. Notwithstanding these facts we are in position to offer it at \$50.00 per acre margin. Here is an opportunity to own the best farm in Kansas.

**The R. P. Cravens Agency** Salina, Kansas.

## Farm at Auction

I will sell at Public Auction the 320 acre farm known as the Elmer E. Grove farm, located one mile north and one-half mile west of Blackstone, six miles east and one mile north of Bluff City, twelve miles east and four miles south of Anthony, four miles north and nine miles west of Caldwell, containing the southeast quarter of section 7 and the northeast quarter of section 18, Township 34, Range 4, in Sumner county, Kansas, on

## Monday, Sept. 14th

At 1 o'clock p. m., the sale to be held at the farm.

**Description:** The entire farm is fenced hog tight with woven wire 48 inches high, supported by cement posts every two rods. The farm is cross fenced hog tight. The soil is a rich sandy loam and is known as one of the best in Sumner county. House is one-half mile from school and 1/4 miles from railroad.

**Improvements:** The improvements of the farm include—Modern house with acetylene light plant, large barn, hog sheds, blacksmith shop, cement tanks, cement fishing pond, cement walks from house to barn and around building, good wells and water, 40 acres of alfalfa, 50 acres of pasture land.

**Terms of Sale:** One-half cash, the other one-half payable December first, 1916, with interest at five per cent.

**W. E. WILSON, Owner**

Col. J. O. Dickinson, Anthony, Kan., Auctioneer.

## ALABAMA

### BLACK BELT ALFALFA AND STOCK Farms for Sale

1,550 acres, beautiful location, flowing artesian wells, plenty of shade; 1,330 acres choice alfalfa soil, ideal location, flowing wells.

The above farms are the best properties in Alabama. We are selling more land and have more good land to offer than any firm in either Alabama or Mississippi. For information address C. C. Clay Alfalfa Land Co., Demopolis, Alabama.

## NEW MEXICO

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

**FOR SALE:**—160 acres choice valley alfalfa and fruit land 1 1/2 miles from Artesia, New Mexico. Well improved. 30 acres alfalfa, 15 bearing orchard. Price \$18,000.00. Actually worth \$24,000.00. Debts for sale. Dan Sullivan, Effingham, Kansas.

## MISSOURI

**FOR FARM LANDS** in Barry Co., Mo., write J. Y. Drake, Exeter, Mo.

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

**WRITE** O. J. Tapp for farm lists Johnson county. Exchanges made. Warrensburg, Mo.

**GREAT BARGAINS** South Missouri. Easy terms, small payments. Write for booklet and lists. J. A. Wheeler, Mt. Grove, Mo.

**IF YOU** want a farm in Cass or Jackson counties, I have what you want. Write me. A. R. Wherritt, Pleasant Hill, Mo.

**MANY FARMS FOR SALE,** 40 to 100 miles of Kansas City; real bargains. G. W. Dupus, Drexel, Mo.

**FARMS FOR SALE,** Eastern Kans Western Mo. 30 miles south K. C. Write for lists. L. W. Kircher, Cleveland, Mo.

**5 FARMS** to exchange for merchandise. One or all of them. J. W. Key, Mountain Grove, Mo.

**BIG bargain:** 120 a. improved, \$1,000; other bargains. For complete list, terms and full des. write W. D. Blankenship, Buffalo, Mo.

**90 A.** highly improved; 2 miles from good S. W. Missouri town; will make 45 bu. corn per a.; will grow alfalfa; \$56 per a. \$2,500 handles. Ben F. Browning, 619 E. Walnut St., Springfield, Mo.

**120 ACRES** 7 miles from Collins; 1 ml. to store and postoffice; 50 a. valley land cultivated, 90 can be cultivated. 5 room house, good barn, plenty of fruit; \$2,500. Time on \$1,500. T. A. Fritchard, Collins, Mo.

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

**WORKING MAN'S CHANCE.** 40 acres 6 miles of Collins. 35 a. can be cultivated; part has been cultivated. No improvements. \$600. \$150 cash, bal. \$10 per month. T. A. Fritchard, Collins, Mo.

**FOR SALE.** 360 acres, two sets of extra good improvements; finest grass and corn farm in the state for the money; near school and town. Price \$90 per acre. Will sell separate or together. Tannehill Bros., Garden City, Mo.

**OZARKS** 40 acres; two miles out; new 5 room house; good spring; plenty of fruit; a nice little dairy, hog and fruit farm; all nicely fenced, one-half in crops. Price \$2,000.00; terms. Have more land adjoining. B. S. Dunn, Anderson, Mo.

**WRITE** for booklet and lists on Ozarks. We have best dairy, poultry, and fruit country there is in the U. S. Pure water, short feeding months, grow all kinds of grasses. Have State Fruit and Poultry farms and large creamery located here.

J. A. Wheeler, Mountain Grove, Mo.

**WHITE RIVER** stock and fruit farm comprising 360 acres, Washington county, northwest Arkansas, on White river, five miles southeast of Springdale on Frisco railroad. 50 acres bearing apples, 50 acres alfalfa and clover, 50 acres orchard grass and clover meadow, 120 acres corn, oats, etc., balance woods and tame pasture, all fenced into sixteen fields. Two good sets improvements, including largest barn in county, 8 springs, four wells, one mile to good inland town, phone and rural free delivery, good roads, progressive people, high quality land, altitude 1400 feet, good winter climate. Will sell farm, or subdivide same, at \$50.00 an acre. Liberal terms, but no trade. W. E. Draper, Owner, 816 Reserve Bank Bldg., Kansas City, Mo.

## NOTICE

A. J. Johnston, the owner of the big Springdale 6000 acre Ranch near Springfield, Missouri, will put on the market the last of this month 680 head of three and four year old steers. This is said to be the finest bunch of steers in that part of the state. These cattle can be seen on Mr. Johnston's 8000 acre ranch near Springfield, Mo. Address A. J. JOHNSTON, Woodruff Bldg., Springfield, Mo.

## Fortune Offer

1,092 acres finest bottom, sandy loam, cut-over timber land in one tract on one side of a river. Part subject to overflow by back water in spring; all for cultivation. Back water easy stopped. Offer to deaden all, fence all with woven wire, sow all in grasses and clovers. Price in such shape \$16.50 per a. In three years all can be cleared for \$4 or \$5 per a. The land will raise 2 or 3 tons timothy or clovers; 50 to 80 bushels corn per a. 6,000 acres in cultivation joining the land; all brings \$6 to \$10 cash rent per a. No ranch in U. S. to compare with. No trade; cash deal; title perfect. F. Gram, Naylor, Mo.

## MONTANA

**320 ACRE HOMESTEADS.** We can locate you on 320 acres. All plow land; rich soil, good water. R. F. D. routes, free coal and timber. Write DAVIES REAL ESTATE CO., Billings, Montana.

**MONTANA AGRICULTURAL LANDS** Winter wheat, corn, fruit and alfalfa lands, in the Billings District (best climate in the world) at prices from \$7.00 to \$25.00 per acre, easy terms. Write for literature. Central Montana Inv. Co., Billings, Mont.

ARKANSAS

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

IMPR. 80 a. \$240 cash. Terms. Spring; orchard; close in. Leslie Land Co., Leslie, Ark.

DOWELL LAND COMPANY will furnish you lists of farm, timber and rice lands at lowest prices. Walnut Ridge, Arkansas.

FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Balfour & Hurlock, Siloam Sprgs., Ark.

IF YOU WANT a stock or fruit farm of any size in the land of cold springs, fine streams, the home of the apple, come to or write to Howard & Smith, Hiwassee, Benton Co., Ark.

FINE farm land; sure crops, corn, oats, cotton, clover, alfalfa. No rocks nor swamps. Easy payments. Discount for cash. Free map. Tom Blodgett Land Co., Little Rock, Ark.

17,000 ACRES, no rocks, hills or swamps. Any size farms Grant Co., \$1.50 per a. down, bal. 20 years at 6%. Grant County Land Co., Opposite Union Depot, Little Rock, Ark.

FRUIT, grain and stock farms, all sizes, in Benton Co., Ark. Banner county of state; low prices and easy terms. Gentry Realty Co., Gentry, Benton Co., Ark.

BEAUTIFUL 80 A. FARM HOME. 1 ml. railroad town of 1,000 people; fine water; good orchard; dwelling house and barn. 40 a. cult. \$1,000. Stephens, Cazort & Neal, Morrilton, Ark.

ARKANSAS

WRITE for land list and tell us just what you want to buy or trade. Horton & Company, Hope, Arkansas.

FOR SALE

917 a. farm; best improved in Baxter Co. Barn 50x150, scales, extra good 9 room house, 300 acres in cultivation. All farming tools and threshing outfit. All for \$16,000. 160 acres 1/4 ml. to Haney, 60 a. in cultivation; good spring. Price \$1,600. 33 room hotel and furniture on a fine corner in Cotter. Will trade this for a farm in Kansas. Write for full description and price. A. T. Garth, Cotter, Ark.

FLORIDA

OWN A HOME in the land of sunshine and flowers. De Soto County, Fla., offers you a delightful climate, productive soil. Our land has no swamps. We are not troubled with snowstorms nor blizzards, sunstrokes are unknown. There are no swamps, no droughts. 56 inches of rainfall, fine drainage; 365 days of growing season; three to four big paying crops each year; fine stock and dairy country. Big crops of hay, corn, oats, vegetables, oranges and thirty other kinds of fruit. We are selling this land on very low prices and easy terms. Write us for complete information. Do it now. R. G. Tonkin, Pres.

New Home Realty Co. 1307 Commerce Bldg., Kansas City, Mo.

FOR SALE OR EXCHANGE

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

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

BARGAINS in Lyon County. Trade anywhere. S. M. Bell, Americus, Kansas.

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

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

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

10 ROOM modern home Kansas City, Mo.; want land or mdse. Drug stock \$4,000, want land. 200 a. Washington Co., Ark. Improved land, want mdse. or wheat land. Richmond Land & Loan Company, Richmond, Kan.

WOULD YOU TRADE your auto, stock of goods or other property for a good Kansas farm? I have it. Write me. C. A. Long, Fredonia, Kansas.

FORTY THOUSAND dollar general stock, want land and cash. Also six good farms for sale. Might exchange. W. E. Hellen, Fort Scott, Kansas.

FOR EXCHANGE for western land, 2 brick store buildings in county seat in Eastern Kansas. They are full 2 stories high and 25x80 feet each. Price \$7,000; mtg. \$2,200. Glen S. Riley, Waverly, Kansas.

W. KANS. WHEAT LAND FOR E. KANS. FARM. 640 a. near Garden City; 400 a. cult.; \$20 a. 640 a. Wallace Co., unimp.; \$17 1/2 a. 320 a. Kit Carson Co., Colo.; well imp.; \$20 a. Iola Land Company, Iola, Kansas.

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

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

FIGLEY & DILEY will sell or exchange farms; small farms, ranches, alfalfa lands. Write for prices or come and see us. Council Grove, Kansas.

5 ACRE CHICKEN RANCH with new buildings and rental property in German Catholic neighborhood to trade for farm. Inquire Theo. Voeste, Olpe, Kansas.

SELL OR EXCHANGE. I own 150 acres in Bourbon Co., Kan., improved, corn, timothy, clover and alfalfa land, on cross roads, best of neighborhood and 3 miles to railroad town. Will sell outright or would take small farm on sale. Price \$12,000.00, incumbrance \$3,000.00 due 1920, 6%. Here is a farm that would suit you. H. Clay Bowsher, 4050 Broadway, Kansas City, Mo.

Buy or Trade with us—Exchange book free Berale Agency, Eldorado, Kas

To Trade for Land. Business property in Topeka; elevator, steam heat, electric lights; close to post-office and court house. Price \$40,000. Address GEO. M. NOBLE & CO., 435 Kansas Ave., Topeka, Kansas.

1914 BARGAINS. Choice farms just listed in northwest Missouri, Iowa, Nebraska, for sale or exchange. Advise me your wants and what you have with full description. M. E. Noble & Son, 507 Corby-Forsee Bldg., St. Joseph, Missouri.

For Exchange. Eastern Kansas land for clear western land. H. C. WHALEN, 413-14 Blitting Bldg., Wichita, Kansas.

WISCONSIN

160 A. IMPROVED, \$3200. \$1000 cash. Frazer & Maxson, Owners, Sparta, Wis.

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

OFFICIAL PUBLICATIONS concerning the soils, climate and crops of Wisconsin may be had free by writing Wisconsin State Board of Immigration, Capitol 333, Madison, Wis.

Upper Wisconsin Lands

Wanted! Farmer Agent in every county to sell our Chippewa Valley land. The heart of the clover region. Liberal commissions. J. L. Gates Land Co., Milwaukee, Wis.

Settlers Wanted For

our drained, level farm lands, Southern Wisconsin. \$35 to \$45 per acre. Easy terms. Great for corn, alfalfa, clover, timothy and dairying. Droughts unknown; no hills, rocks, alkali, hardpan or stumps. Trades considered. Sample of soil sent free. Near railroads. Agents wanted. Write owner, Charles E. Cline, 218 Masonic Temple, Davenport, Ia.

Secure a Home in UPPER WISCONSIN

Best Dairy and General crop state in the Union. Settlers wanted. Lands for sale at low prices on easy terms. Ask for booklet 30 on Wisconsin Central Land Grant. State acres on Wisconsin Central Land Grant. State acres if wanted. Write about our grazing lands. If interested in fruit lands ask for booklet on apple orchards in Wisconsin. Address Land Dept., Soo Line Ry., Minneapolis, Minn.

OKLAHOMA

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok.

SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooker, Okla.

140 A. 8 ml. McAlester. A-1 bottom and second bottom land. No overflow; 100 a. in cult. Fair imp. \$28 per acre. Terms. Southern Realty Co., McAlester, Okla.

INVESTORS! Am desirous of selling my several farms near Chickasha (Grady Co., Central Okla.) aggregating 2500 acres in tracts of 40 to 200 a. Will give some man a real bargain; \$15,000 cash will handle deal, balance easy. C. T. Erwin, Chickasha, Oklahoma.

OKLAHOMA LAND FOR SALE

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

For Sale by Owner

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

MINNESOTA

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

CORN AND CLOVER FARMS near Twin City markets. No drought. Ask for descriptions. \$25 to \$75 per acre. Carter Land Co., Near Union Depot, St. Paul, Minn.

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

MINNESOTA IMPROVED FARMS for sale; corn, clover, and dairy farms; good markets, schools and roads. Write for list. Crescent Land Co., Owatonna, Minn.

RICH farm lands in Minnesota Red River Valley. Where corn, alfalfa, and clover flourish. Ideal stock country. Rainfall 28 inches. Crop failures unknown. Prices very low. Write N. S. Davies, Crookston, Minn.

BUY LAND NOW—in Minnesota, while you can get it cheap. Improved farms \$40 to \$125 per acre. Wild land \$8 to \$35 per acre. Write for FREE maps and literature telling all about the state of Minnesota. Fred D. Sherman, State Immigration Commissioner, Room 50, State Capitol, St. Paul, Minn.

DAIRY FARM 200 OR 400 ACRES. One of the most complete in Minnesota; modern in every particular; high grade dairy cows; horses; and pigs; plenty of feed, up-to-date machinery of all kinds; lovely home place; lake frontage and groves; one and one-half miles from excellent town; selling owing to ill health and old age. For fullest particulars apply to Lock Box 192, Inkster, N. D.

NORTH DAKOTA

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

RICH, BLACK, Red River Valley farms at local prices. We grow corn, clover and alfalfa successfully. Write for Blue Book. Wm. McRoberts, Casselton, N. D.

NORTH DAKOTA LANDS

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

COLORADO

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

WHY PAY RENT? Why pay interest on high priced land? Come and see what I have here for you. Fine land, climate, water and good crops. Write me. Frank Vanderhoof, Otis, Colo.

BIG CROPS IN COLORADO

Last chance to buy land at present prices. Winter wheat promises to make 40 bushels per acre on dry lands. We own 13,000 choice acres, Weld county, near Carr. Denver only 85 miles; Greeley 30; near mountains. Fine climate, beautiful scenery. Your choice of land at \$15 to \$20 acre. Easy terms. Smith Estate lands being closed out. Don't miss this. Write at once for plat and particulars. ELWOOD LAND COMPANY, 749 McKnight Bldg., Minneapolis, Minn.

CATTLE AND HAY RANCH

SAN LUIS VALLEY, COLORADO. 1080 acres; 600 acres fine meadow land, cuts 500 tons, balance pasture; fenced, cross fenced; small improvements; 4 1/2 miles to good town and railroad; paid up water rights, plenty of water to irrigate entire ranch; 4 artesian wells for stock water; close to thousands of acres of government, mountain range; ranch will run 500 head cattle. Ideal cattle proposition in best stock section of Colorado. Must sell. Offered at \$25 per acre, easy terms. 10 years' time. For particulars write GEORGE F. BARTON, 1847 Lincoln St., Denver, Colorado.

GEORGE F. BARTON, 1847 Lincoln St., Denver, Colorado.

Eastern Colorado Land Offered By Owner At Great Sacrifice

12 sections in cultivation, each fenced separately, good corn, alfalfa and wheat land. Worth intrinsically \$50 per acre for farming and stock raising. Will sell as a whole or in section tracts at \$25 per acre. Liberal terms to responsible parties. Opportunity for wealthy farmer and business man to organize syndicate and take over as a whole. Address owner, WARREN W. HURD, 310 Commerce Bldg., St. Paul, Minn.

TEXAS

100 ACRES highly improved; a \$3500 residence 100 yards from railroad station; owner a widow and wishes to leave state. This is a fine place and a bargain; price \$4500. Mrs. A. E. Hawcroft, Laseater, Tex.

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

MAGNIFICENT, unimproved, cheap land, surrounded by great crops any size tracts. 6700 acres black land, partially improved; \$15. 12,800 acres, none better, \$15.00. Liberal terms. Pasture land \$2.50 to \$4.00. Write what you want. Reference, banks, both cities. W. C. Moore, Houston and San Antonio, Tex.

Irrigated Alfalfa Farm

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

ARIZONA

Shallow Water Land

In Arizona, that will raise eight to ten tons of alfalfa, for \$15.00 to \$50.00 per acre, located in the Santa Cruz Valley, 12 hours from Los Angeles. On a Trans Continental Railroad. Development just starting. Similar land in the famous Salt River Valley selling for \$150.00 to \$200.00 per acre. The greatest opportunity of the age to the man of some means. For full information address, SANTA CRUZ IMPROVEMENT CO., 613 Republic Bldg., Kansas City, Mo.

Ladder for Apple Pickers

The style of ladder I like best for picking apples and other tree fruits is made in the form of a narrow V. I take two sound 1 by 4 inch boards and nail them together a one end. The other ends are spread apart about three feet. Steps are nailed at distances of about 15 inches. This gives you a ladder that is only two inches wide at the top and can easily be pushed up into the branches and set into the crotch of two limbs. Jacob Faith, Eldorado Springs, Mo.

Washerwomen employed in the London laundries are given musical instructions.

BUY AN OZARK STOCK FARM



Many Ozark farmers are making money raising hogs. The fine open winters make it unnecessary to provide expensive quarters and the porkers can range nearly the entire year. There is little disease in the Ozark region. A few good brood sows will soon pay for an Ozark farm.

Although it was a dry year one Ozark dairyman reports a profit of \$100 a cow in 1913 from each one of his 18 cows. Holsteins, Ayrshires and Jerseys are making the Ozarks one of the greatest dairy countries in the United States. It would be impossible to find a better country for poultry raising than the Ozarks. A large portion of the poultry products that make Missouri the greatest poultry state come from the Ozarks.

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

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

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

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

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

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

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

FRUIT and timber, clover and bluegrass land, \$10 to \$25. Write for lists. South Missouri Land Co., Mountain View, Mo.

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

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

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

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

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

240 A. two miles of Lebanon; level land, good soil, well improved, 8 acres orchard, plenty of water; price \$55.00 per acre. Stillwell Land Co., Magnetic City, Lebanon, Mo.

# FARMERS CLASSIFIED PAGE

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4 1/2 cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

## POULTRY

**BUFF ROCK COCKERELS FOR SALE.** William A. Hess, Humboldt, Kan.

**BARRED ROCKS—YOUNG AND OLD** stock. Mattie A. Gillespie, Clay Center, Kan.

**GOLDEN LACED WYANDOTTES.** Cockerel and 12 pullets \$10.00. D. Lawver, Route 3, Weir, Kan.

**BROILERS, HENS, DUCKS, TURKEYS** wanted. Coops loaned free. Write The Cope's, Topeka, Kansas.

**EXHIBITION BARRED ROCKS FOR THE** fairs and shows. Guaranteed to win. A. H. Duff, Larned, Kan.

**SINGLE COMB WHITE LEGHORN COCK-** erels, Wyckoff-Frantz strains, sixty cents each. Mrs. Harry Bryant, Wakeeney, Kan.

**43 VARIETIES, POULTRY, PIGEONS.** Special prices on young stock. Incubators. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

**REDS—BUFF ORPINGTONS—BIG BONED,** dark red, and big golden Buffs, from \$20.00 eggs. Sell cockerels cheap; egg laying strain. Ava Poultry Yards, Ava, Mo.

**S. C. WHITE LEGHORNS. YOUNG'S** strain cockerels \$2.00, three for \$5.00. April hatched. Classy, vigorous and healthy. Satisfaction guaranteed. Leon E. Turner, Kingsville, Mo.

## LIVE STOCK

**BLACK GALLOWAY BULL, WEIGHT 1700.** G. Schmidt, Goessel, Kan.

**FOR SALE—THOROUGHbred LINCOLN** rams. J. O. Shouse, Lawson, Mo.

**S. C. WHITE LEGHORN COCKERELS** \$1.00 each. Dorothy Fritz, Linwood, Kan.

**FOR SALE OR TRADE—150 HEAD OF** Angora goats. Address Jno. Orth, Bush-ton, Kan.

**FOR SALE—PURE BRED PERCHERON** stallion; black; weight 1800. John F. Weller, Overbrook, Kan.

**HIGH GRADE HOLSTEIN CALVES,** either sex, 3-4 weeks old. \$17 each, crated. Burr Oak Farm, Whitewater, Wis.

**PURE BRED REGISTERED DUROC HOGS,** Shropshire sheep and trotting horses, old and young, male and female. Arthur H. Bennett, Topeka, Kan.

**ORDERS FOR THE PURCHASE OF ALL** classes of dairy cattle on a commission basis are solicited. Write me your wants. L. R. Brady, Manhattan, Kan.

**FOR SALE—189 HEAD OF STEERS, 2** years old, average weight 800 lbs., all dehorned, price \$60.00 per head. H. L. Mills, Ematon, Kansas, Stevens county.

**FOR SALE—HEREFORDS. 7 GOOD** polled heifers, 2 years old; 2 good horned cows, some have calves at foot. Write at once. Box 30, R. No. 1, Lawrence, Kan.

**MILCH GOATS—TOGGENBURG SAANE,** heavy milkers, Peafowl, swan, golden seal roosters, otter, mink, opossum. Prospectus 8 cents. Golden West Reserve, St. Paul, Ark.

**REGISTERED SHROPSHIRE SHEEP—80** head of bucks and ewes. Better write or come and see them. Visitors are always welcome at the Doyle Park Stock Farm. Homan & Sons, Peabody, Kansas.

**FOR SALE—SEVENTY-FIVE HOLSTEIN** heifers two to three years old, heavy springers or to be fresh this fall and winter. Also seventy-five fine Holstein and Jersey cows. Waggoner & Son, Independence, Kan.

## LANDS

**A FEW 320 ACRE HOMESTEADS CHEAP.** H. K. Haynes, Vona, Colo.

**FOR SALE CHEAP—1/2 SECT. GOOD LAND** in Norton Co., Kan. Box 558, Goodland, Kan.

**FOR SALE—SOME FINE HOMES NEAR** Lawrence, Kan. Address Box 30, R. No. 1, Lawrence, Kan.

**FOR SALE—200 ACRES WASHINGTON** Co., Arkansas, improved. Owner, B. E. Wilson, Morehead, Kan.

**80 ACRES WELL IMPROVED ALFALFA,** fruit and water. Description, terms and price of Chas. West, Meriden, Kan.

**FOR BARGAINS IN ARIZONA REAL ES-** tate, deeded relinquishments and homesteads write Paul E. Gradall, Pearce, Ariz., Box 27.

**40 ACRES, WELL IMPROVED, GOOD** land. No hills or swamps. Near school. Phone, mail. \$1,700. Terms. Lucy Starr, Louke, Ark.

**PRODUCTIVE STATE AND DEEDED** lands, crop payment or easy terms—along the Northern Pacific Ry., in Minnesota, North Dakota, Montana, Idaho, Washington, Oregon. No isolated pioneering. Free literature. Say what state interests you. L. J. Bricker, 398 Northern Pacific Ry., St. Paul, Minn.

## LANDS

**FARM LAND AND RANCHES—LARGE** list of Jewell and Smith Co. and western Kansas. Write A. J. Moravek, the land man, Esbon, Kansas.

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

**A GOOD SECTION OF FANCY LAND AND** fenced in Gove county, Kansas. Price \$4,000. Will trade half for beef breed cows. Henry Hagen, Arapahoe, Colo.

**40 ACRE FRUIT FARM, 4500 ELBERTA** trees 3 years old. 80 acres close to big oil wells. Bargains for cash. T. B. Stewart, Muskogee, Okla., 341 Dayton St.

**FINE WHEAT FARM, 180 ACRES, 125** acres in cultivation, balance pasture, fair improvements, plenty water. Would consider some trade. Price \$7,000. F. M. Learned, Woodston, Kan.

**FOR SALE—320 ACRE DAIRY FARM** near Hutchinson, well improved, silo, etc. 90 acres broke, 200 acres pasture, orchard, timber. Price \$56,250; terms. Address Lock Box 319, Hutchinson, Kan.

**FARMS DIRECT FROM OWNERS. FIFTY** select improved farms, northern, central and southern Arkansas. Greatest possible values. Write now for descriptive booklet. Buyers and Sellers Exchange, Little Rock, Arkansas.

**FARMS IN EASTERN KANSAS DIRECT** from owners that are anxious to sell. State county preferred and size wanted, can suit you in large or small farms, best or fair improvements. Real bargains. J. E. McArthy, Effingham, Kan.

**ADVERTISE YOUR PROPERTY IN CAP-** per's Weekly for quick and sure results. 250,000 circulation guaranteed—among best farmers in Kansas and adjoining states. Advertising rate only 8c a word. Address Capper's Weekly, Adv. Dept., Topeka, Kan.

**FOR SALE OR RENT—40 ACRES, 3 MILES** of Carbondale, Kan.; 30 under cultivation, balance pasture and little timber on creek; 2-room house, barn, cow lot, chicken house and corn crib; 1 mile to good school; 3 to church and store; fine neighborhood. Am a widow and must sell or rent quick. Bargain. Mrs. Rachel Layman, Carbondale, Osage Co., Kan.

**FINE TOPEKA HOME FOR SALE—I WILL** sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 6 1/4 by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

## FARMS WANTED

**FARM WANTED—OWNER DESIRING TO** sell send description, location, size, price, at once. C. L. Winegar, Box 101, West Fort Ann, N. Y.

**I WANT TO RENT A FARM ON THE** share plan, landlord to furnish everything. Address Farmer, care Farmers Mail and Breeze, Topeka, Kan.

**WANTED: GRAIN AND STOCK FARMS,** from 40 to 800 acres, for cash buyers. Will deal with owners only. Give price, description, and location. James P. White, New Franklin, Mo.

## BUSINESS CHANCES

**FREE FOR SIX MONTHS—MY SPECIAL** offer to introduce my magazine "Investing for Profit." It is worth \$10 a copy to anyone who has been getting poorer while the rich, richer. It demonstrates the real earning power of money, and shows how anyone, no matter how poor, can acquire riches. Investing for Profit is the only progressive financial journal published. It shows how \$100 grows to \$2,200. Write now and I'll send it six months free. H. L. Barber, 425, 28 W. Jackson Blvd., Chicago.

## PATENTS

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

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

## AUTOMOBILES

**SEVEN PASSENGER 60 HORSE POWER** Winton six, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. Can be bought at a great bargain. This is a great family car and has only been used by owner. Would also make profitable investment as livery car in country town. T. D. Costello, 1512 Waldheim Bldg., Kansas City, Mo.

## FOR SALE

**SCOTCH COLLIE PUPS CHEAP. BOX 111,** Inman, Kan.

**SWEET CLOVER, WHITE AND YELLOW.** T. Mardis, Falmouth, Ky.

**SAIL KEROSENE 1530 ENGINE, 6 PLOWS.** Address S., Mail and Breeze.

**PEDIGREED COLLIES—\$2.50 FOR FE-** males, \$4.00 for males. S. C. Gardner, McLean, Ill.

**FOR SALE—400 TO 600 TONS ALFALFA** and 100 acres of fodder. Good feed lots. Park & Park, Clements, Kan.

**FOR SALE—INDIAN MOTORCYCLE, 1914.** 2 speed, with side car, almost new, only \$250.00. R. E. Knorr, Lincoln, Ill.

**CALIFORNIA MOUNTAIN SAGE HONEY—** 120-lb. cases \$9.00 per case. Sample 10 cents. W. W. Hatch, Alta Loma, Cal.

**LOOK HERE. 9 ROOM HOUSE, 1275** Western Ave. Close in, nice location, \$3,200. Dr. A. Rupin, 819 Kansas Ave., Topeka.

**FRESH DRIED FRUIT. DIRECT FROM** trays to consumer. Peaches, prunes, raisins at \$6 per 100 F. O. B. A. S. Cross, Kingsburg, Calif.

**FOR SALE—NEW 6 ROOM MODERN** house, basement, cistern, 2 lots, block from car. Phone 5099 Blue. W. W. Glenn, 2016 W. 10th, Topeka.

**HONEY—FANCY WHITE ALFALFA, 2** 60-lb. cans \$11.00; amber, 2 60-lb. cans \$10.00. Single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

**FOR SALE—THREE LOTS, EIGHT ROOM** house, half block car line, good barn, cistern, city water and gas. Owner, 715 Morris avenue, Topeka, Kan.

**BUY YOUR SINGLE HARNESS FROM US** and save five to seven dollars a set. Send name and address on postal for circulars. Baker Harness Co., Bloomington, Ill.

**FOR SALE—RESTAURANT AND BAKERY** doing good business; also elevator, feed and livestock business in town of 800; has electric lights and water works. Box 118, Perkins, Okla.

**COLLEGE HILL HOME. EIGHT ROOM** house, three lots, shade and fruit trees, city and well water, gas and electricity, bath, etc. Price and terms reasonable. Mrs. Henrietta Clark, 1291 Mulvane St., Topeka, Kan.

**FOR SALE CHEAP—16-INCH OHIO** silage cutter, 1913 International silage cutter, 10-horse steam tractor, 8-h. Waterloo gas engine, 5-h. U. S. gas engine, new, 1913 cornbinder, 2-row disk cultivator, 2-row cultivator. Springdale Ranch, Concordia, Kan.

## FOR SALE OR EXCHANGE

**TO TRADE FOR UNENCUMBERED FARM** land, seven-passenger, 60-horsepower Winton Six automobile, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. This is a great family touring car, in first class condition, and has only been used by owner. T. D. Costello, 1512 Waldheim Bldg., Kansas City, Mo.

## HELP WANTED

**WANTED AT BETHANY COLLEGE, 2** white girls, one for dish washing and one for chamber maid. Apply at Bethany College, Topeka, Kan.

**WANTED: SEVERAL HONEST, INDUS-** trious people to distribute farm literature. Salary \$60 per month. Prof. J. L. Nichols, Dept. A. 1, Naperville, Ill.

**QUALIFY FOR GOOD POSITION AT THE** automobile school of practical experience. Write for free scholarship offer. Lincoln Motor School, 1029 N. St., Lincoln, Neb.

**\$120.00 ABSOLUTELY SURE—MAN OR** woman to distribute religious literature. Sixty days' work. Quick promotion. No experience necessary. Spare time work also. Ziegler Company, Dept. 117, Philadelphia.

**WILL PAY RELIABLE WOMAN \$250 FOR** distributing 2,000 packages Perfumed Soap Powder in your town. No money required. M. Ward & Company, 218 Institute Place, Chicago.

## AGENTS WANTED

**AGENTS—GET PARTICULARS OF ONE** of the best paying propositions ever put on the market. Something no one else sells. Make \$4000 yearly. Address E. M. Feltman, Sales Mgr., 521 Third St., Cincinnati, O.

**MAKE \$100.00 A SEASON IN SPARE TIME** only and get all your own clothes free. Easy to get orders for men's suits with our beautiful samples and up-to-date styles. Write at once for free book of samples and styles, agent's inside costs and retail prices, full information and our big, new offer. It's a wonderful opportunity. Kniekerbocker Tailoring Co., Dept. 162, Chicago.

## FIREARMS WANTED.

**FIREARMS WANTED. BUY OR EX-** change all sorts. Stephen Van Rensselaer, Dept. 31, West Orange, N. J.

## MALE HELP WANTED

**GOVERNMENT FARMERS WANTED. EX-** amination Oct. 14. Good salary. Write. Ozment, 38 F, St. Louis, Mo.

**WANTED—MANAGER FOR LUMBER** yard; also to learn of a few locations for branch yards. Skeena River Mills Limited, Vancouver, B. C.

**MOTORMEN—CONDUCTORS; INTERUR-** bans; earn \$80 monthly; experience unnecessary; qualify now; state age; details free. F., care Mail and Breeze.

**RAILWAY MAIL CLERKS, CLERK-CAR-** riers and rural carriers wanted. I conducted examinations—can help you. Trial examination free. Ozment, 38, St. Louis.

**LEARN WATCH REPAIRING; THE BEST** paying trade. Begin now under personal instruction. Earn while you learn. Write for full details. Watch School, 821 East 12th St., Kansas City, Mo.

**SALESMAN; IF YOU WOULD BE WILL-** ing to work for from \$300 to \$400 per month in commissions selling our high grade oils and greases direct to the consumer write for full details at once. Don't delay. Red Seal Oil Co., Kansas City, Kan.

**LOCAL REPRESENTATIVE WANTED.** Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. All or spare time only. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. National Co-Operative Realty Company, L-167, Marden Building, Washington, D. C.

## SEEDS & NURSERIES

**SWEET CLOVER; WHITE AND YELLOW;** biennial. Pure Kentucky seed direct from grower. R. E. Purdy, Falmouth, Ky.

**TREES FOR FALL PLANTING AT** wholesale prices. Fruit book with special proposition, free. Address Wiehita Nursery, Box B, Wichita, Kan.

**FOR SALE—GOOD SEED WINTER BAR-** ley, the best pasture going for stock of all kinds, excellent for milk cows, both grain and pasture. Ask for prices. W. A. Anderson, Abbyville, Kansas.

## MISCELLANEOUS

**CATTLE WANTED, FOR CLEAR INCOME** brick business property, title perfect, value \$8,000. Garth Realty, Larned, Kansas.

**WANTED—NO. 1 ALFALFA AND PRAIRIE** Hay. Largest handlers and distributors. Established 1889. Carlisle Commission Co., Kansas City, Mo.

**YOU MAY HAVE A BUSINESS TRAINING.** Whatever your circumstances. The Success Club, Topeka, Kan., will find you a way. Write fully. Enclose stamp.

**SOME ONE WHO KNOWS WHERE A** large area of heavy siew grass can be secured may find it to their advantage to write A. B. Smith, Topeka, Kansas.

**DIMENSION LUMBER DIRECT FROM** mill to consumer. Use oak for frame work on barns, sheds, etc. It's better, costs less. Farmers club together. Write for prices. A. C. Nickel, Piedmont, Mo.

**WILL PAY RELIABLE MAN OR WOMAN** \$12.50 to distribute 100 free pkgs. Perfumed Borax Soap Powder among friends. No money required. M. B. Ward Company, 218 Institute Pl., Chicago.

**PEARS. PEARS. YOU WANT THE BEST** fruit grown. You can have fresh pears that cost you 3c-10c home canned per quart. We pay freight, stand loss and guarantee satisfaction. 17th year. Lancaster Pear Co., Rockford, Gage Co., Neb., Dept. P.

**ELECTRIC LANTERNS. SERVICEABLE** everywhere. The safest, handiest lantern for autoists, merchants, farmers, etc. Turn the switch and get a flood of light. Eliminates: filling, matches, oils, danger. Always ready. Price \$3.50 delivered. Safety First Company, Box 477, Wichita, Kansas.

**BIG WESTERN WEEKLY SIX MONTHS** 10 cents. Biggest and best general home and news weekly published in the West. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—10 cents. Address Capper's Weekly, Dept. W. A.-12, Topeka, Kan.

**OREGON STATE PUBLICATIONS FREE—** Oregon Almanac and other official books published by State Immigration Commission, telling of resources, climate and agricultural opportunities for the man of moderate means. Ask questions—they will have painstaking answers. We have nothing to sell. Address Room 112, Portland Commercial Club, Portland, Oregon.

Thirty-six states now prohibit night work by children

Japan has produced about 250 million dollars' worth of rice annually for the last four years.

Place Money at Home

(Continued from Page 3.)

rich land has been added to the field, the ditches now are filled and what little dirt washes from the higher land to the lower side of the field is caught by the rock dam. The field now is easy to run machinery over, but if the washing had been allowed to continue it is probable that some of the ditches would be too deep for one to drive over now.

This same Woodson county farmer decided that there was too much creek on his place; he liked to have the creek bottom soil all right, but he could not work up much enthusiasm over all the waste land produced by the creek. So a new channel was cut across a bend for about 200 yards, which put the fall of about a mile of the old channel into this cutoff. The result has been that the water goes through this cutoff so fast that there is but little danger of high water now; the creek is not bank full even when it has overflowed the banks both above and below the cutoff.

Cutoffs of this kind are needed on rivers even more than on the creeks, but of course usually they must be built as community affairs. There is a place just west of Fredonia in the Fall river bottoms for example, where the fall of about 22 miles on Fall river can be put into about seven miles if a cutoff were constructed. This would be an improvement that would pay well, and it probably will be made before many years. There are many places like this along Kansas rivers.

Profitable investments can be made in improving the chemical and physical condition of many fields in Kansas. In the hardpan district, for example, much of the soil needs an application of lime very much; a great deal of this land is acid, and it cannot be expected to grow legumes successfully until this acidity is corrected. Much of this same soil as well as some of the land in the northeastern part of Kansas is deficient in phosphorus, and applications of ground rock phosphate will pay. More and more phosphorus will be used on Kansas soils in the next few years.

In the classification of the needs in improvements in Kansas farming I would place buildings last, not because they are not important—for it is well to have good buildings—but because too often buildings and fences are about the only things thought of when it comes to the question of farm improvement. It is essential on a well-managed farm that both should be well constructed and efficient of course, but there are other things that also are extremely important in the building up of the permanent agriculture which we are trying to establish here in Kansas.

Lameness in Hogs

I have a boar that seems to be weak in the hind legs. He is in no pain and eats well but cannot stand on his hind feet. I also have some sows that have swollen joints and cannot get around. They have been affected for six months and seem to be getting worse since I began feeding wheat. Do you know of a cure?

This inquiry was sent from Towanda, Kan., and the person who wrote it enclosed a stamp for an immediate reply but did not sign the letter. Every person who writes a letter to the Farmers Mail and Breeze should be careful to sign it. This will avoid delays in obtaining information that may be needed badly.

The hogs probably are affected with a bone disease known as rickets. This is caused by a lack of bone building material in the feed. Treatment consists in giving a well balanced ration. Feed some alfalfa and tankage in addition to the wheat or corn. The internal administration of a dram of calcium phosphate and a tablespoonful of cod liver oil with 10 grains of powdered nuxvomica is of value. This may be mixed with the feed. Keep some air slaked lime and a mixture of wood ashes and salt before the hogs at all times.

His Favorite Paper

I like the Farmers Mail and Breeze because it is a clean paper and is instructive to young and old. I see no whisky advertisements in it. More than ten papers come to my desk but not one of them is equal to the Mail and Breeze. Jacob Faith.

Eldorado Springs, Mo.

The best fertilizer for gardens is retted stable manure.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

- A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan.
John W. Johnson, N. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan.
Ed R. Dorsey, Illinois and Indiana, Versailles, Ill.
Jesse R. Johnson, Nebraska, 1507 Elm St., Lincoln, Neb.
C. H. Hay, S. E. Kan. and So. Missouri, 4204 Windsor Ave., Kansas City, Mo.
W. L. Blizzard, north Missouri and Iowa, 2537 Forest 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.

Poland China Hogs.

- Sept. 29—W. H. Cooper, Pittsfield, Ill.
Oct. 23—Albert Smith & Sons, Superior, Neb.
Oct. 15—Fred G. Laptad, Lawrence, Kan.
Oct. 15—Homer Dickerson, Jameson, Mo.
Oct. 19—Sam Herron, Penokee, Kan.
Oct. 20—U. S. Byrne, Saxton, Mo.
Oct. 20—Joe Hemmy, Hill City, Kan.
Oct. 20—Roy Johnston, South Mound, Kan.
Oct. 21—H. B. Walter, Effingham, Kan.
Oct. 22—H. C. Graner, Lancaster, Kan.
Oct. 23—Herman Groninger & Sons, Bendena, Oct. 24—Wm. R. Zahn, Concord, Ill.
Oct. 26—J. L. Moseley, New Boston, Ill.
Oct. 28—Walter Hildwein, Fairview, Kan.
Oct. 22—H. C. Graner, Lancaster, Kan.
Oct. 29—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb.
Oct. 30—Pritchard & Martin, Walker, Mo.
Nov. 7—Ben Anderson, Lawrence, Kan.
Nov. 9—W. C. Dubois, Agra, Kan.
Nov. 11—J. H. Harter, Westmoreland, Kan.
Nov. 12—E. E. Merten, Clay Center, Kan.
Nov. 13—L. E. Klein, Zeandale, Kan.
Nov. 19—C. M. Hall, Hardy, Neb.
Dec. 17—Ed Sheehy, Hume, Mo.
Jan. 20—Roy Johnston, South Mound, Kan.
Jan. 21—Joe Hemmy, Hill City, Kan.

- Jan. 23—A. C. Lobough, Washington, Kan.
Feb. 2—John Kimmmerer, Mankato, Kan.
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 4—Albert Smith & Sons, Superior, Neb.
Feb. 5—H. L. Pritchett, New London, Mo.
Feb. 9—Jas. W. Anderson, Leonardville, Kan.
Feb. 10—Agricultural College, Manhattan, Kan.
Feb. 11—G. A. Wiebe, Beatrice, Neb.
Feb. 13—J. F. Foley, Oronoque, Kan.
Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb.
Feb. 15—Joshua Morgan, Hardy, Neb.
Feb. 17—J. H. Harter, Westmoreland, Kan.
Feb. 18—J. L. Griffiths, Riley, Kan.
Feb. 19—A. J. Swingle, Leonardville, Kan.
Feb. 20—Hubert J. Griffith, Clay Center, Kan.
Feb. 24—Alfred Carlson, (Spotted Polands), Cleburne, Kan.
Feb. 25—T. M. Willson, Lebanon, Kan.
Feb. 26—Lambert Bros., Smith Center, Kan.
Feb. 26—W. E. Epley, Diller, Neb.
March 5—Gilbert Johnson, Osceola, Neb.

Spotted Poland Chinas.

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

Duroc-Jersey Hogs.

- Oct. 12—W. R. Hainline, Blandinsville, Ill.
Oct. 22—M. M. Hendricks, Falls City, Neb.
Oct. 27—Moster & Fitzwater, Goffa, Kan.
Oct. 21—John O. Hunt, Marysville, Kan.
Oct. 31—E. N. Farnham, Hope, Kan.
Nov. 6—Sam'l. Drybread, Elk City, Kan.
Nov. 7—Phillip Albrecht & Sons, Smith Center, Kan.
Nov. 10—J. B. Duncan, Flush, Kan.
Nov. 12—B. F. Swank & Sons, Blue Rapids, Kan.
Jan. 25—J. B. Swank & Sons, Blue Rapids, Kan.
Jan. 26—Ward Bros., Republic, Kan.
Jan. 27—Ralph P. Wells, Formoso, Kan.
Jan. 28—Dana D. Shuck, Burr Oak, Kan.
Feb. 6—Phillip Albrecht & Sons, Smith Center, Kan.
Feb. 12—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.

- Feb. 9—Agricultural College, Manhattan, Kan.
Feb. 10—Thompson Bros., Garrison, Kan.
Feb. 11—Samuelson Bros., Cleburne, Kan.
Feb. 12—Howell Bros., Herkimer, Kan.
Feb. 16—J. M. Layton, Irving, Kan.
Feb. 22—W. T. Fitch, Minneapolis, Kan.
Feb. 23—J. R. Jackson, Kanopolis, Kan.
Feb. 25—Martin Kelly, Verdon, Neb.
Feb. 27—A. N. Farnham, Hope, Kan.
March 5—Samuelson Bros., Blaine, Kan.

Hampshires.

- Sept. 23—J. F. Price, Medora, Kan.

O. I. C. Hogs.

- Oct. 1—Alvey Bros., Meriden, Kan.

Shorthorn Cattle.

- Sept. 23—Adam Andrew and Fred Cowley, at Girard, Kan.
Sept. 29—Geo. A. Linn, Neodesha, Kan.
Jan. 15—L. R. Brady, Mgr., Manhattan, Kan.

Jersey Cattle.

- Sept. 22—H. C. Johns, Carthage, Mo.
Oct. 14—Parkdale Farm Co., Kane, Ill.
Nov. 9—A. L. Churchill, Vinita, Okla.

Angus Cattle.

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

Holstein Cattle.

- Sept. 22—W. G. Merritt & Son, Great Bend, Kan.
Oct. 15—A. B. Wilcox, Abilene, Kan.
Oct. 21 and 22—Henry C. Glissman, Omaha, Neb.

Hereford Cattle.

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

Guernsey Cattle.

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

Jack & Jennets.

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

Percherons.

- Feb. 18—W. S. Boles & Sons, Enid, Okla.

Combination Livestock Sales.

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

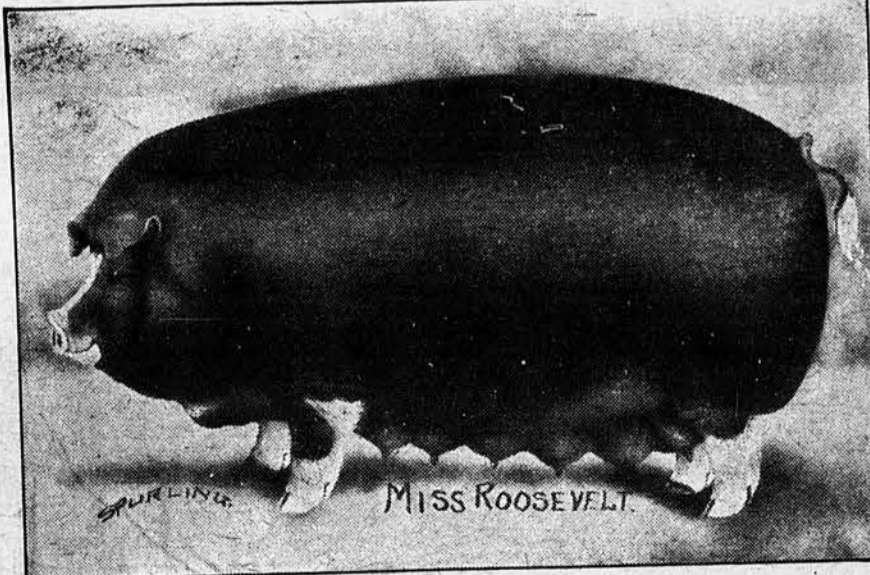
S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Olivier & Sons, Danville, Kan., will be out at the fairs this season with a larger herd of Poland Chinas than usual. Olivier & Sons, it will be remembered, own the three times grand champion Smuggler and have used him with success in their herd. Another great herd hog that they have is Logan Price and with their show herd this year is an outstanding son that for size and quality the writer knows of no equal. Olivier & Sons are breeders of both medium and large type Polands and will be at the fairs with perhaps 40 head for both sale and exhibition purposes. They will be glad to meet all their old friends and customers at Hutchinson and Oklahoma City. While at the fairs do not fail to look up their exhibit and if you want Poland China breeding stock they will likely have just what you want.

Buy Red Polled Cattle.

I. W. Poulton, Medora, Kan., has decided to cut down the number of his Red Polled herd and will sell 10 or 12 head of cows and heifers. In order to dispose of them quickly he will put the price where those who want this breed of cattle should take notice at once. They are sired by such sires as Butterfly, Perfection, Major Lee, Eureka and other noted sires. The younger cows and heifers are by Fallstaff, Iowa Davyson, Algona and Linwood Lad, winner at the St. Louis World's Fair. This spring crop of calves show more than usual quality and are by Sylmar 23605 by Gladhand and out of Erma of Sunny Side by Sunny Side's Choice. Mr. Poulton is right now in a frame of mind to sell these cows and heifers and if you want them now is the time to get in touch with him and do business.



Miss Roosevelt is the type of brood sows that has made Liberty Hill Poland Chinas so popular. She is the dam of a part of the offering advertised by Mr. Ben Frank, of Jefferson City, in this issue of Farmers Mail and Breeze. Note the advertisement and write Mr. Frank for prices.

Be Safe! Don't take chances with spavin, splint, curb, ringbone, bony growths, swellings or any form of lameness. Use the old reliable remedy—KENDALL'S Spavin Cure. Its power is testified to by thousands of users. At druggists \$1 a bottle; 6 for \$5. Ask your druggist for book, "Treatise on the Horse." Write Dr. B. J. Kendall Co., Enosburg Falls, Vt.

LIVESTOCK AUCTIONEERS. BOYD NEWCOM, Wichita, Kansas. N.W. COX, Wellington, Kan. Spencer Young, Osborne, Kan. JESSE HOWELL, Herkimer, Kan. J. P. Oliver, Newton, Kan. Jas. T. McCulloch, Clay Center, Kan. FRANK J. ZAUN, Independence, Mo. Ruggels & Son, Beverly, Kansas. W. A. Fisher, White City, Kan. D. F. Perkins, Concordia, Kan.

Be an Auctioneer. Travel over the country and make big money. MISSOURI AUCTION SCHOOL. Largest in the World. W. B. Carpenter, Pres. 818 Walnut St., Kansas City, Mo.

The Big Kansas Fair. Annual Exhibition of Kansas State Fair Ass'n. TOPEKA. September 14-18. Mammoth Livestock and Agricultural Exhibits in New Fire Proof Brick and Concrete Buildings. 24 PERMANENT BUILDINGS. Special Service on All Railroads. T. A. BORMAN, Pres. G. E. CLARK, Sec'y. \$45,000 IN PREMIUMS, PURSES AND PRIZES. HORSE BARN STALLS FOR 300 HEAD OF EXHIBITION HORSES.

ness. Write him when you can call and look them over. Please mention Farmers Mail and Breeze.

**Visit Erhart at the Fairs.**

A. J. Erhart & Sons, the big type Poland China breeders of Ness City, Kan., will have an exceptionally strong show herd at the Kansas State Fair at Hutchinson, and the Oklahoma State Fair at Oklahoma City. Many of our readers will remember seeing these people last year and will doubtless want to renew acquaintanceship this season. To all these and other readers of this paper the Erharts extend a cordial invitation to look them up at these fairs. This is one of the best herds of Poland Chinas in the West and is headed by five great boars: Major B. Hadley, grand champion at American Royal, 1911, weighing 1025 pounds; Robideau, weighing 1200 pounds; Jumbo Hadley, weighing 1100 pounds; Orphan Big Gun, a 700-pound yearling, and Big Hadley Jr., and one of the richest line bred Hadleys in use today. A part of these herd boars will be on exhibition. Be sure to look this herd up at the fairs and if interested in good Poland Chinas write Messrs. Erhart & Sons, Ness City, Kan., mentioning this paper.

**Dispersion Hampshire Hog Sale.**

J. F. Price Medora, Reno county, Kansas, will sell at auction, Wednesday, September 23, 55 head of Hampshire hogs. This will be his first public auction of Hampshires, although he has been a breeder of this breed for years and has shipped breeding stock to many breeders over a wide range of territory. This will be a dispersion sale as Mr. Price intends to rest from the hog business for a while. His herd has been built on the best blood the breed affords and from this herd came the first Hampshire ever exhibited at the Hutchinson State Fair and the herd has continued to win honors at the same show each succeeding year. You will find in this sale bred sows, sows with litters at side, growthy spring gilts and boars and the two good sires that head the herd. The offering carries the blood of such sires as Pat Maloy, Gen. Allen, Gen. Price, Missouri Boy, and others of equal note. Write today for catalog, mentioning Farmers Mail and Breeze.

**Kansas State Fair.**

The business men of Kansas are always interested in practical things. They are interested in things which make for progress and prosperity right now. They contribute their taxes to the public welfare with as little protest as any class of men, but they are particularly interested in things that promote business progress and prosperity. Such is the purpose of a state fair. It is an educational fair. Whether it be hogs, cattle, sheep, horses, farm implements, textile fabrics, or any other thing pertaining to the industries of the people of the state, it is an exhibition of the real thing. From these real things, comparisons are made. People learn more by seeing than in any other way. There is probably no institution in the affairs of men where the people can learn so much in so short a time for so little money. It is the approved method now for more than a century and a half. It was established in England and is practiced today more strenuously and more generally than ever before. It is an institution that gives more dignity to the occupation of agriculture than anything else that is done. It is a great thing for young people. They never forget the types of animals or the classy and beautiful things they see at the state fair. From start to finish it is a live, active influence in the promotion of the good and growth of the state. On the theory that "All work and no play makes Jack a dull boy" there are numerous great attractions, all clean and wholesome, provided for the entertainment of the visitors to the state fair. The state fair at Hutchinson this year, Sept. 12-19, will have something going on all the time both day and evening. It is entirely proper for the people to take a few days off for the pleasures and profits incident to a state fair. Everybody is invited. It is a fair promoted by the people for the people. The hospitality of Hutchinson is well established and for the fourteenth time they invite the citizens of the great Southwest to meet and enjoy the week and offer every assistance to make their sojourn in the city pleasant and profitable.

**N. Kansas and S. Nebraska**

BY JOHN W. JOHNSON.

B. F. Swank & Sons, Blue Rapids, Kan., are breeders of Duroc-Jerseys and Poland Chinas. The writer visited their herd last week and found both herds in a very thriving condition. Both herds represent the best of popular blood lines and certainly reflect credit upon the men that have cared for them. The March and April pigs in both herds are as good as we have seen in this season. The Swanks have decided to hold a fall sale of boars and gilts November 12 and the sale will be advertised in due time in Farmers Mail and Breeze.

**Coleman's Big Poland Chinas.**

John Coleman, Denison, Kan., breeds big type Poland Chinas and his herd is one of the very best herds in northeastern Kansas. His crop of 95 February, March and April pigs are all for sale privately. He will cull closely and sell the real tops of this splendid crop of spring pigs at private sale. He will offer nothing but the very best and they will be at reasonable prices. Mr. Coleman is esteemed very highly in that section of the country and gets credit for being one of the best Poland China breeders in the country. If you can use a big, well grown boar at a fair price you better write John Coleman at once. You will be pleased with him. Look up his advertisement in this issue of the Farmers Mail and Breeze.

**Breeds Purebred Stock.**

J. M. Layton, Irving, Kan., is a purebred stock advocate visited last week. He breeds Red Polled cattle, Duroc-Jersey and O. I. C. hogs. His fine farm joins town and he has a nice modern home in Irving. He is up-to-date in his farming methods and is a Marshall county product, having been born in that county where he has resided ever since. Blue Valley Col. by Seaden's Col. heads his herd of Duroc-Jerseys, while White Waddle heads the herd of O. I. C. hogs. He was bred by the L. B. Silver Co. of Cleveland, Ohio, of whom Mr. Layton bought him. His crop of spring pigs are by these two boars. Mr. Layton has claimed February 16 as the date of his bred sow sale which will be held in Irving. It is his idea to hold annual sales and this will be the initial sale. He is starting his card in this

**RED POLLED CATTLE.**

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

**RED POLLED CATTLE**

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

**RED POLLED CATTLE**

12 head of cows and heifers ranging from yearlings to mature cows. Priced from \$100 to \$150 and cheap at the figures. Come and see them soon. Address I. W. Poulton, Medora, Kan.

**POLLED DURHAMS.**

**Sleepy Hollow Polled Durham Cattle**

12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good Jacks. C. M. HOWARD, Hammond, Kansas.

**SHORTHORNS.**

**SHORTHORN BULLS**

Fashionably bred young bulls, by Roan King and Refiner, two Wisconsin bred sires and out of milking strain dams. They are the kind that make good for both dairy and beef. Levi Eckhardt, Winfield, Kan.

**Shorthorn Bulls**

6 bulls from 10 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable. L. M. Noffsinger, Osborne, Kan.

**Abbotsford Stock Farm**

30 years the home of

**Scotch and Scotch Topped Shorthorn Cattle**

For Sale: 20 bulls, six to 13 months old. Roans and Reds. Also a nice lot of yearling and two year old heifers. The two year olds are safe with calf. 130 head in the herd. Inspection invited. Address D. Ballantyne & Son, Herington, Kan.

**DAIRY CATTLE.**

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

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

Putrid flesh or decaying matter of any kind, left lying about at this season of the year, may prove costly negligence. The cause of limberneck can usually be traced to them.

**DAIRY CATTLE.**

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

**HIGH GRADE HOLSTEINS**

Over 200 head in herd. Special prices on 40 yearling and 2-year-old heifers, sired by Sicut Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of Kansas City. N. EAGER, R. R. No. 8, Lawrence, Kansas

**Rock Brook Holsteins**

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

**SOMMER--BLADS GUERNSEYS!**

TUBERCULIN TESTED.

Headed by Goodwills, Raymond of the Freel, son of Imp. Raymond of the Freel. Grade and registered females for sale. Also registered bulls. ERNEST KENYON, Nortonville, Kansas

**Guernseys**

Two Choice Guernsey Bulls of Serviceable Age

Sired by the celebrated "MAY ROSE" bull, IMPORTED MAY ROYAL; out of A. R. cows; also choice young cows. Write, or better yet, visit the farm.

**Overland Guernsey Farm**

Overland Park, Kansas

8 miles from Kansas City on the Strang Electric Line.



**Johnson's Shetland Pony Farm**

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

To get a really valuable sire it is a big saving for you to buy at this time of the year a growthy young stud from my big bunch registered Percherons 1, 2, 3, and 4 years old. They have uncommonly large bone and in pasture condition are developing to immense weights like their imported sires and dams. Farm raised and farm priced. Just above Kansas City, Fred Chandler, Route 7, Chariton, Iowa



**HIGH GRADE and REGISTERED HOLSTEINS**

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

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

Clyde Girod, Towanda, Kansas

**High Class Jerseys at Auction**

Mr. H. C. Johns Will Hold His First Dispersal Sale of 125 Head of Imported and Home-Bred Jerseys at Overlook Farm

**Carthage, Jasper Co., Mo., Sept. 22, 1914**

Herd is headed by the celebrated bull Tulip's Mon Plaisir 61923, one of the greatest bulls of the breed, and a "tried" sire. A bull of exceptional merit, and whose daughters are entering the Register of Merit, and are sought after by the best breeders. He is the sire of PANSY'S LETTIE 200146, who has a year's Register of Merit test, 347.6 lbs. butter, 5960 lbs. milk; MON PLAISIR'S GOLDIE 266160, who has a 359 days' test of 511.69 lbs. butter from 7,769 lbs. milk. Her year's record will exceed 600 lbs. butter. TULIP'S MON PLAISIR is also the sire of KEEPSAKE'S GOLDEN LAD, the sire of 6 Register of Merit Daughters, among them the sensational 3-year-old, MISS NARCISSA, that made 536 lbs. 11 ozs. butter in one year. WE ARE SELLING DAUGHTERS OF TULIP'S MON PLAISIR, IN THE SALE, THAT ARE CAPABLE OF MAKING CREDITABLE RECORDS; and we feel sure that we can show you sale day, a class of cows and heifers, that will appeal to the most discriminating buyer.

Sale is represented with daughters of TULIP'S MON PLAISIR, EMINENT ROSETTE, GOLDEN JOLLY OF ST. PETER'S, DERRY LAD'S PRINCE, WARDER'S CHINA LAD, NOBLE OF TRINITY, NOBLE REMINDER, AMNA 2D'S TORMENTOR, CRUSOE'S NOBLE, COMBINATION, STOCKWELL, BRIGHTON LAD, BONNIE'S CZAR, OUR GOLDEN CZAR, SOPHIE'S CHAMPION, RAMGATE'S CHAMPION, BOMBAY'S BOSNIAN, OXFORD LAD'S SUCCESSOR, CARNATION'S FERN LAD, SILVERINE'S LAD and other noted sires.

AN ABSOLUTE DISPERSAL OF EVERY ANIMAL ON THE FARM. NO RESERVE. THEY ALL GO TO THE HIGHEST BIDDER. TUBERCULIN TESTED AND IN PERFECT HEALTH.

ARRANGÉ TO ATTEND THE BIG SOUTHWEST DAIRYMAN'S CONVENTION which meets at CARTHAGE—the day before sale September 21st. Dr. Rawles, Chief of the Dairy Division, U. S. Department of Agriculture, and Prof. Hugh G. Van Pelt, will give his famous Lecture and Cow Demonstration. This will be a great event and an opportunity to meet the dairymen and breeders of the Southwest. A cordial invitation is extended to all. If interested in the sale, and desire CATALOGUE, don't fail to write at once for the supply is limited, and will be mailed only on request to

PERRY AND BAILY, Auctioneers B. C. SETTLES, Sales Mgr., Palmyra, Mo.

Remember, this is one of the big events of the year and we sell the best lot of heavy producing Jerseys of superlative breeding ever offered to the breeders of the great Southwest. Remember the date and come to the sale.



**ABERDEEN-ANGUS.**

**ANGUS CATTLE**  
A select lot of females, bred, for sale. Best breeding and right individually. W.G. Denton, Denton, Ks.



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

**Aberdeen Angus Cattle**

Sutton Farm is now offering 20 yearling heifers with a Blackbird bull. 25 bulls, all registered. These have quality and are priced for quick sale.  
**SUTTON FARMS, Route 6, LAWRENCE, KANSAS**

**O. I. C. HOGS.**

**O. I. C. PIGS** LARGE TYPE. Harry W. Haynes, Meriden, Kansas.

**O. I. C. FALL BOARS REGISTERED FREE.** HENRY KAMPING, ELSMERE, KANSAS.

**Western Herd O. I. C. Hogs** March pigs, both sexes, \$10 to \$15. Pairs and trios not related at less. Also 25 fall gilts bred for September farrow. F. C. GOOKIN, RUSSELL, KANSAS

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

**Chester White Swine** If you want the best in this popular breed write **QUINTON M. BRADSHAW, LaHarpe, Ill.**

**O. I. C. SWINE**  
**Pigs and Bred Gilts.**

If you want pigs of Quality write me. My prices are low.  
**J. P. CANADAY, CARROLLTON, MO.**

**Immune Chester White Boars**

The first check for \$20 gets choice of 25 boars we offer for sale, fine pigs, F. O. B. (terms). Write at once to **EDW. ROSS & SON, WHITE HALL, ILL.**

**Improved Chester White Hogs**

Jumbo's Models and Dixie strains. One hundred early spring pigs. Pigs by seven sires for sale. **B. M. GILMORE, JOY, ILLINOIS**

**O. I. C. Bred Sows and Gilts**

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

**MAPLE GROVE O. I. C's**

L. B. SILVER CO.'S STRAIN.

2 to 3 months old.....	\$10.00
3 to 4 months old.....	\$12.50
4 to 5 months old.....	\$15.00
5 to 6 months old.....	\$17.50
6 to 7 months old.....	\$20.00
Service boars.....	\$22.50
Bred gilts.....	\$25.00

**F. J. GREINER, BILLINGS, MISSOURI**

**BERKSHIRES.**

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

**Hazlewood's Berkshires!** A few good bred sows and gilts. Write today. **W. O. Hazlewood, Route 8, Wichita, Kan.**

**Ralph Creighton, Creighton, Mo.**  
**Breeder of High Class Berkshires**

Bred sows and gilts, and also Spring pigs of both sexes, now for sale, at reasonable prices.

**Walnut Breeding Farm**

**BERKSHIRE** boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. **Leon Waite, Winfield, Ks.**

**Private Berkshire Sale**

10 Aug. and Sept. boars at \$25 to \$50. 70 March and April pigs by three noted show boars. Dutchess and Imp. Baron Compton dams. Address **H. E. CONROY, NORTONVILLE, KAN.**



**Special Offering**

**Sutton Farm**  
**Berkshires**

125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today.

**SUTTON FARM LAWRENCE KANSAS**

**Keisler Farm BERKSHIRES**

90 high class registered spring pigs for sale sired by our three great boars, Rivaleer, Grand Leader, and Starlight Premier 6th.

Also squab breeding pigeons for sale. Call or write **A. J. McCauley, PERRYVILLE, MO.**

Issue of Farmers Mail and Breeze and is offering choice boars of spring farrow, sired by his herd boars, at attractive prices. Write him for price on these boars, either breed.

**All Big Type Breeding.**

J. J. Hartman, Elmo, Kan., starts his advertisement in this issue of the Farmers Mail and Breeze. He is offering his entire crop of March and April pigs at private sale. They are sired by Blue Valley Jr., Orange Valley, Hartman's Hadley, Blue Valley Orange and Walker's Columbus Wonder. They are out of sows by Blue Valley, Blue Valley Jr., Knox All Hadley and A Wonder's Equal. July 1 Mr. Hartman had his herd immuned and will sell his pigs with a guarantee to give satisfaction or no sale. John Hartman is one of the real good hog men in central Kansas and has a host of satisfied customers to his credit. Write him for prices and descriptions. Look up his advertisement in this issue.

**Tops From Two Herds.**

Samuelson Brothers, Cleburne, Kan., hold two bred sow sales each year, one at Cleburne and one at their farm at Blaine. This season they raised 240 spring pigs on the farm at Cleburne and 125 on the farm at Blaine. They will not hold a fall sale at either place but have culled closely and are offering 35 boars from the Cleburne herd and 25 from the Blaine herd. This means that they have taken the very tops for their fall trade on spring boars. The breeding is up-to-date and they have been carefully fed and handled. Samuelson Brothers are well known to Farmers Mail and Breeze readers because they always advertise their bred sow sales in it. If you want a big, well grown boar, at a reasonable price write Samuelson Brothers, Cleburne, Kan.

**Tops From Spring Crop.**

George M. Klusmire, Holton, Kan., offers 15 Duroc-Jersey spring boars at private sale. They are the tops of the spring crop of pigs. He is also offering one fall boar, sired by K's Golden. The dams of all of the pigs he is offering are up to date breeding and have been grown along carefully and have not been crowded or neglected. They are the kind that are sure to go out and make good. Mr. Klusmire is very much interested in the Jackson county fine stock show to be held in Jackson county the last week in September. Everybody is invited. If you are looking for a good boar at a reasonable price write Mr. Klusmire at once and mention his advertisement in the Farmers Mail and Breeze. Look up his ad in this issue.

**See Thompson's Show Herd.**

Thompson Brothers, Garrison, Kan., are going to Hutchinson and Oklahoma City with their show herd. They are well known Duroc-Jersey breeders and showmen and may decide to make other fairs with their herd. They are showing two junior yearling boars 15 months old and one of them is for sale. Both are extra good and there is very little difference in them. They will weigh around 600 pounds each. They are by Col. Harris, their old show boar and out of Mary's Daughter, one of their valuable show sows. Their crop of March and April pigs are unusually good and they raised 150 of them. The top boars are for sale and the top gilts are reserved for their bred sow sale in February. Look them up at Hutchinson and Oklahoma City.

**Alvey Brothers' October Sale.**

On Thursday, October 1, Alvey Brothers, Meriden, Kan., will disperse their well known herd of O. I. C. hogs. The sale will be at the farm which is three miles north of Grantville, nine miles northeast of Topeka and five miles south of Meriden. Conveyances will be at Grantville and Meriden the morning of the sale but the morning train from Topeka to Grantville is the train to take. Watch Farmers Mail and Breeze for further announcements. Fifty head will be sold consisting of bred sows that will farrow in October and November, extra choice fall boars and boars of spring farrow; also choice tried sows and fall yearling gilts. The offering is one of the best that will be made this season and is a rare opportunity to get the best at reasonable prices as the sale is a little early to command the best prices. Bids sent to Col. Zaun, or J. W. Johnson should be sent in care of Alvey Brothers, Meriden, Kan.

**Trace to Grand Champion.**

A. L. Wylie & Son, Clay Center, Kan., are proprietors of one of the best little herds of Duroc-Jerseys in the West. They do not aim to breed many but they are good as far as they go. A. L. Wylie has been in the purebred hog business in Clay county longer than anyone else and will be remembered as the founder of the Western Breeders Journal, published at Clay Center for a number of years. He owns a nice, little, well improved farm just west of Clay Center and breeds Duroc-Jerseys and Jersey cattle. He has 25 choice last spring pigs and is offering 17 boars from this lot and keeping the gilts for his own use. They were sired by Wylie's Good Enough, by Good Enough Again King, owned by Otey & Son and the grand champion boar at Hutchinson last season. These 17 boars are unusually good and have wonderful size and are sure to please you. Write the Wylies for prices and descriptions.

**Topsy Shorthorn Cattle.**

D. Ballantyne & Son, Herington, Kan., are proprietors of Abbottsford Stock Farm herd of Shorthorn cattle. The farm consists of 800 acres. In 1870 the senior member of the firm came to Kansas from Scotland and settled on what is now a part of this magnificent farm and has resided there ever since. Among the Shorthorn fraternity there are few men better known or better liked than this kindly old Scotchman who is a Kansas pioneer in the Shorthorn business. The present herd was founded over 30 years ago and that the foundation was solid would be readily conceded by experienced Shorthorn breeders after an inspection of the herd which now numbers 130 head. Our visit to the big half section pasture which is the summer home of this splendid herd was a very enjoyable one. The herd is headed by Woodale Chieftain 309763, a big, massive bull, weighing around 2350 pounds in ordinary flesh. He is assisted by Abbottsford's Choice 380690. Messrs Ballantyne are starting their advertisement in this issue of the Farmers Mail and Breeze and are offering for immediate sale 20 splendid young bulls ranging in ages from six months to yearlings. They are both roans and reds and are indeed a showy lot of young bulls. They are also offering some choice 2-year-

**Double Attraction**  
**Shorthorn Sale!**  
**September 23, 1914**  
**Valley View Shorthorn Farm**  
**Girard, Crawford Co., Kan.**

Conducted by Adam Andrew, of Girard, and Fred Cowley, of Hallowell. The forty head are the best of two breeders' herds and mostly bred by Andrew and Cowley.

One will be able to get stock by Orange Major 264704 (a show bull by Lavender Viceroy 223936 and out of Orange Maid by Master of the Rolls 99463), and Ingle Lad Jr., by Ingle Lad, by Imp. Collynie and out of Sweet Mistletoe by Collynie.

Attractions—Ten yearling bulls by Orange Major and Ingle Lad Jr. (See these bulls if in the market for good ones). One-half of the females are bred to these two bulls, Ingle Lad Jr. and Orange Major. One-half are yearlings and two-year-olds, sold open. Write for catalog; it is ready. Address

**ADAM H. ANDREW, Girard, Kan.**  
**FRED COWLEY, Hallowell, Kan.**

**LOOKABAUGH'S SHORTHORNS**

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



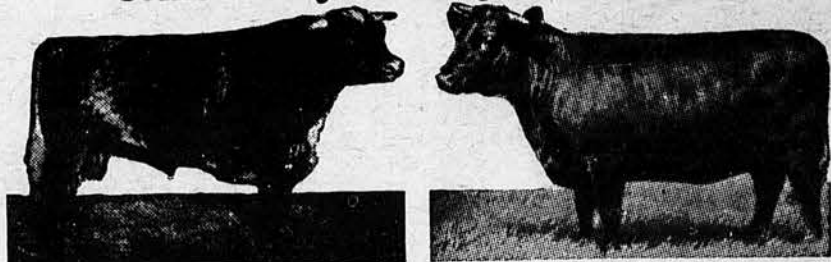
I want to sell during the next six weeks \$10,000 worth of Shorthorns. Six or nine months' time if desired. What we want is your trial order. Young heifers and bulls at \$75, \$100 and up.

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

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

—CALL OR WRITE—  
**H. C. LOOKABAUGH, Watonga, Okla.**

**Reduction Sale of Shorthorns**  
**Come to Doyle Valley Stock Farm**



**175 Head of Shorthorns**

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

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

**M. S. CONVERSE, Peabody, Kansas**

O. I. C. HOGS.

O. I. C. HERD BOAR

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

SHEEP.

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

Registered Hampshire Rams

30 choice rams sired by Imported Baron Hampshire. They are large, rugged fellows with strong, thick backs. SHERWOOD BROS., SHELBYVILLE, MO.

Hampshire Down Sheep

Fifteen ewes and fifteen rams; best of breeding. Large and rugged; the kind that go out and make good. Priced right. H. W. GARNETT, LEONARD, MISSOURI

POLAND CHINAS.

50 Big Type Poland Chinas

Spring farrow. Both sex, pairs not related. Big breeding. G. W. FRANCISCO, INLAND, NEB.

Fall and Spring Boars For Sale

23 November boars; big, stretchy fellows. Smooth and all right at \$25 and \$30 each. 25 spring boars sired by Sterling by Brooks by Major Hadley and out of sows good enough for anybody's herd. Write your wants. A. L. Albright, Waterville, Kan.

BECKER'S Poland Chinas

65 early spring pigs from large even litters, descendants of A Wonder, Big Hadley and Progression. Price and pigs will both please you. Pairs and trios at reduced prices. Satisfaction guaranteed. J. H. BECKER, NEWTON, KANSAS.

Big Orange Again and Gritters Surprise

Early spring boars. Herd header material at reasonable prices. Write for descriptions, breeding and prices. A. J. SWINGLE, LEONARDVILLE, KAN.

EVERGREEN HERD HAS 80 HEAD

We are offering 80 head extra fine Big Type Poland Chinas pigs and a few sows to farrow in Sept. Pigs are by Mo.'s Mastodon Wonder 61477, Looks Hadley 69199, Great Look 47859 and Capital 53854. Write for prices. E. E. Carver & Sons, Guilford, Wv.

HEALTH CERTIFICATE, PEDIGREE

and a guarantee accompanies each sale of Poland Chinas from the Hatfield Poland China herd. Get our prices. J. L. SLATER & SONS, WEST POINT, ILL.

Top Poland China Boars

Shipped on approval. Sired by Orange Valley and Hartman's Hadley. Santa Fe, U. P. and Mo. P. shipping points. J. J. Hartman, Elms, (Dickinson Co.) Kan.

THE KIND YOU WANT PLEASES

Our big bone Poland Chinas will do the work. 100 spring pigs to select from. Get our prices. CHARLIE S. GERMAN, Box H, HENRY, ILLS.

KLEIN'S BIG POLANDS

Boars and Gilts, spring farrow at attractive prices. Can furnish them not related. I guarantee satisfaction. L. E. KLEIN, Zeandale, Kan.

King of Kansas

March boars. Out of my best mature sows. Write for prices and descriptions. Satisfaction guaranteed. J. L. Griffiths, Riley, Kan.

LARGE TYPE POLANDS

A few big strictly fall boars by Orphan Chief and out of Knox All Hadley and A Wonder's Equal dams. Also a few extra good gilts bred for September farrow. Must go soon. Write today. A. E. ENOS, RAMONA, KANSAS

70 MARCH AND APRIL BOARS AND GILTS

No public sales. Everything at private sale. Write for descriptions and prices. Satisfaction guaranteed. JOE SCHNEIDER, NORTONVILLE, KAN.

PRIVATE SALE

95 Feb., March and April pigs at private sale. Satisfaction guaranteed. No public sales. Big type with quality. Write for descriptions and prices. JOHN COLEMAN, Denison, Kan.

Erhart's Big Type POLANDS

See the largest hog on exhibition this year. Robidoux 59527, weight 1300 pounds, at Hutchinson, Oklahoma City and Muskogee Fairs. Young stock for sale at all times. A. J. ERHART & SONS, Ness City, Kansas

30 Extra Choice March Boars (PRIVATE SALE)

I bought top sows in three states last winter and these boars are from popular sires and dams. They are extra choice individuals. Prices reasonable. E. E. MERTEN, CLAY CENTER, KAN.

old helpers that are safe in calf and some choice yearling heifers. This firm prefers to sell their surplus at private sale rather than in public auctions. They make very reasonable prices and have the best reputation in the world for pleasing customers and they have had hundreds of them in the past. You are always welcome at their farm which is two miles south of Herington. If you are going to be in Herington or going to pass through there and would like to look at their cattle drop them a line and they will meet you at the depot and take you to the farm in their auto. If you can use a few good Shorthorns, the kind you will be proud to get in touch with D. Ballantyne & Son, Herington, Kan.

Poland China March Boars. E. E. Merion, Clay Center, Kan., has decided to sell his Poland China boars at private sale. He has 30 March boars for sale and a variety of breeding that will enable you to select the breeding you want. He bought top sows from W. H. Charters, Butler, Mo., R. J. Peckham, Pawnee, Neb., C. S. Nevins, Chiles, Kan., and A. J. Swingle, Leonardville, Kan. His herd already contained some of the best Poland China sows of his type breeding in the country. He has always been a buyer of high class sows and is one of the best caretakers in the country. His 70 last spring pigs are as attractive a lot as the writer has seen this season. The 30 boars he is offering are big, well grown fellows, that have not been stuffed, but are in the best possible condition to thrive and develop into splendid individuals. He will not hold a fall sale as was first intended but will hold a bred sow sale February 3, instead. Everything in the herd is immune and in the best possible condition. He bought from Herman Grossinger & Sons of Bonders, Kan., a last September yearling boar that has a well pleased with. He will weigh over 400 pounds now in just good breeding condition.

Illinois and Indiana

BY ED. R. DORSEY.

B. M. Gilmore, of Joy, Ill., breeder of Chester White hogs, has a richly bred herd as can be found anywhere and a beautiful lot of early spring pigs that he is shipping out. The trade with him has been good so far and he is shipping the kind that brings back business. Mr. Gilmore stands very high with the Improved Chester White breeders and one ordering direct will get them exactly what has been described to them because in the first place this breeder is a judge and next he has an unusual selection of high class hogs to select from.

Nesbett's October Sale.

J. M. Nesbett & Son of Aledo, Ill., will sell sixty high class Poland Chinas, October 20, at their farm adjoining Aledo. The senior member of this firm has been a breeder of Poland China hogs for thirty years. For a number of years he has been one of the leading fieldmen with the papers of Illinois which gives him every opportunity to see and own the very best that is going. He has always been an admirer of big type Poland Chinas and his herd shows as much of the real Poland China blood as is known to the breed. We desire our readers to remember the sale date, October 20.

Big, Growthy, Duroc-Jerseys.

William Schlosser of Henry, Ill., has been breeding Duroc-Jersey hogs for 10 years. His herd represents such breeding as Chief Select, The Professor, Top Notcher, Col. and Crimson Wonder. In the present herd he has three sows by Eclipse; four by Col. William; one a full sister to Eclipse; several sired by Chief Selection, Prof. King and other good hogs. He is offering 50 select pigs sired by Chief Selection and Professor King and 10 head of fall gilts by Chief Selection. Mr. Schlosser is a very careful breeder and is making a specialty of growthy sows and pigs that grow large. When in the market for a Duroc-Jersey pig or a young sow do not pass this breeder up before you get his prices.

The Right Kind.

Edward Ross & Son of White Hall, Ill., owners of the Maple Lawn Stock Farm, with now 800 Chester White hogs of the richest and best breeding, will hold their annual sale October 23, and they want you to have a catalog of this sale. It tells all about how they raise so many Chester White hogs, all about the breeding, who sells them, and how to get to White Hall. Write them a postal card with your address plainly written and tell them you have seen their ad in this paper. This firm does business on a big scale. They raise 400 head annually and ship them everywhere. Their rating is high class and any bank in Scott county will testify to their good name and more than that the Capper Publications recommend them to you.

Great Poland China Offering.

While there are many good herds of Poland Chinas in Illinois we believe one of the oldest breeders is W. H. Cooper of Pittsfield. We regret very much to announce that on September 29 Mr. Cooper will hold his dispersal sale. Mr. Cooper has made a financial success of the business and he and his wife will spend two years sight seeing. He has leased his farm for a term of years. This is one of the good herds of America, bred by one who has made a thorough study of mating. He has used judgment in selecting his breeding stock. He will sell his own private herd and this is the first time any one has had an opportunity of buying Mr. Cooper's best. We have been personally acquainted with him and his stock for 28 years. A great many valuable herd hogs have come from this herd. A number of state fair and international winners have been developed by Mr. Cooper. He is located just across the river from Hannibal and Louisiana, Mo. We will expect to see one of the best lots of hogs sold in this sale that will be sold anywhere this season. Please write Mr. Cooper for his catalog. You will by no means be disappointed in his offering.

Great Variety of Breeding.

J. Lee Slater & Sons of West Point, Ill., have been identified with the breeding of high class Poland Chinas for a good many years, having sold them in half the states in the Union and their books show at different times they have sold to parties several times and one customer has purchased now close to 160 head. At the head of the herd is Slater's A Wonder, a son of the original A Wonder and out of Mr. Pfander's favorite brood sow, Lady Giant 4th. This

POLAND CHINAS.

ATTRACTIVE PRICES ON BOARS. Poland China fall boars— Iowa breeding. Good individuals, priced low to make room. Rock Island and Burlington shipping points. J. F. Foley, Oranogus, Kan.

12 Spring Boars A Wonder, Corcoran, Hadley, taken soon Can give pedigree. J. A. LOVETTE, MULLINVILLE, KANSAS.

Sunny Side Poland Chinas Boars, gilts, and weanlings for sale. Satisfaction guaranteed. J. G. BURT, SOLOMON, KANSAS

Poland Chinas with size and quality herd Giant and Long Look. Stock for sale at all times. LAMBERT BROS., SMITH CENTER, KAN.

POLAND CHINA BOARS of March farrow for sale. Premium breeding. Prices will suit. Address Sam Herren, Penook, Graham Co., Kan.

WE ARE BOOKING ORDERS for pigs by the head. King, King, King, the reserve champion King John and Grand Champion W. Z. BAKER, RICH HILL, MISSOURI

Poland China Bred Gilts 12 September gilts bred for September farrow for sale. Also a few choice boars of same age. Popular big type breeding. Gilts \$25 to \$35. Boars \$20 to \$25. JAS. ARKELL, Route 4, JUNCTION CITY, KANSAS

MT. TABOR HERD POLANDS I am offering the tops of my 120 spring pigs by four different boars at attractive prices. Write for prices on one or as many as you want. J. D. WILLIAMS, ZEANDALE, KANSAS.

SHEEHY'S BIG POLAND CHINAS 15 good big fall boars. Some good sows and gilts. 100 head of spring sows. ED SHEEHY, HUME, MO.

45 Poland Boars Blue Valley 2nd, Taxpayer and A Wonder blood. Early farrow. No culls. G. A. Wiebe, Beatrice, Neb.

Model Wonder Sept. Boars 12 September boars, sired by Model Wonder, out of big mature dams. Great values at \$20 to \$25, with two or three at \$35. Write now for further information. O. R. STRAUSS, MILFORD, KANSAS.

MIGGINS' BIG SMOOTH POLANDS We have bred and developed more noted boars than any other Nebraska breeder. 50 pigs either sex, March farrow, by Shattucks Sampson and out of sows by Sensation and Arrow, with Blue Valley Exception crosses. J. R. MIGGINS & SON, DE WITT, NEBR.

Alfred Carlson's Spotted Poland Original Big Bred Spotted Poland. 100 spring pigs. I am ready to book orders. Bred sow sale February 24. ALFRED CARLSON, Cleburne, Kan.

LARGE WITH PLENTY OF QUALITY Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock. Olivier & Sons, Danville, Ill.

Poland Chinas that Please Fall and spring boars, fit to head herds, also sows of all ages. Prices right. Write us your wants. F. L. WARE & SON, PAOLA, KANSAS.

Big Type Poland Chinas Long, smooth and heavy boned spring boars and gilts of March and April farrow. Prices very reasonable. Write your wants. JAS. E. TARR, R. R. No. 3, Augusta, Ill.

Liberty Hill Poland Chinas Herd headed by Improvement and Gunfire Meddler. Herd sows large, broody, prolific. Choice spring pigs, herd header and brood sow material for sale. Also Scotch Collies. I guarantee satisfaction. BEN FRANK, JEFFERSON CITY, MISSOURI.

Roy Johnston's Poland Chinas Tried sows, bred or open; fall yearling gilts, bred or open. Early spring gilts. Pigs of March and April farrow. Boars of serviceable age. The quality herd of strictly big type breeding. ROY JOHNSTON, South Mound, Kansas

ROBINSON'S Mammoth POLAND CHINAS We offer 100 February, March and April pigs of both sexes for delivery when weaned. Some now ready. Pairs and trios not akin. They have heavy bone, great length, depth and thickness and show ring quality. You don't send us a cent until you have received pig, and if not satisfied return pig at our expense and you are not out a cent. F. P. ROBINSON & CO., MARYVILLE, MO.

DOOLEY'S SPOTTED POLANDS Etterville Breeding Farm, home of the old original spotted Poland Chinas. Booking orders now for spring pigs at weaning time sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from. EDGAR DOOLEY, EUGENE, MISSOURI

Royal Scion Farm Durocs The great Graduate Col. and Col. Selon head this herd; extra choice fall boars by Graduate Col.; also fall gilts bred for September litters by or bred to him. G. C. NOLMAN, Route 10, WINFIELD, KAN.

Durocs' 12 Early spring boars \$12.00. Gilts \$20.00. Immune. Sired by "Kansas Ohio Chief," our new herd boar imported last spring from Ohio. Call and see our hog and poultry farm. Half section fenced hog field, with modern equipment. ROSE COMB RHODE ISLAND REDS. 26 incubators, winners at American Royal and Kan. and Ohio State Fairs. R. W. Baldwin, Conway, Kan.

BIG TYPE UNPAMPERED BERKSHIRES 150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Trusty King's Trusty and the best show boar King's 10th Masterpiece. All best, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty bred sows and gilts to farrow in June. Open gilts and boars ready for sale. Not a poor back or foot. Every man his money's worth. E. D. KING, BURLINGTON, KANSAS.

HAMPSHIRE.

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

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

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

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

MULE FOOT HOGS. Choice young boars ready for service. Spring pigs, either sex; prices reasonable. FREELAND & HILDRETH, MARION, KAN.

"Mule Footed Hogs" The coming hog of America. Herd, good rustlers. Pigs 10 to 14 weeks old \$20 per pair. Superior free. J. B. DICK, LABETTE, KANSAS

DUROC-JERSEYS. Richly bred Duroc-Jerseys, selected from the tops of two of the best herds in Illinois, may be bought at very reasonable prices from IRA DODSON & SON, ALEDO, ILLINOIS

ASH GROVE DUROCS Bred gilts for September and October farrow. Spring boar pigs; the big, thrifty kind and good enough for any herd. Priced right and guaranteed. Paul Sweeney, Backlin, Kan.

SIZE and QUALITY DUROCS A choice lot of spring pigs. Pairs, trios, and young herds unrelated, also fall gilts. B. & C's Col. Superba, Defender, Perfect Col. and Ohio Chief blood lines. Description guaranteed. John A. Reed, Lyons, Ka.

Axtell's Durocs Herd headed by Tattarr, Jr., by the champion Tattarr, assisted by Graduate Jr., by Graduate Col. Spring pigs, pairs, trios, and young herds at very reasonable prices. Can ship from either Medicine Lodge or Sawyer. D. H. AXTELL, SAWYER, KAN.

17 MARCH BOARS Sired by Wylie's Good Enough, by Good Enough Again King, the grand champion boar last season. Extra values in this offering. Satisfaction guaranteed. A. L. WYLIE & SON, CLAY CENTER, KANSAS.

1000 Pound DUROCS We have the frames for this weight. For years I have bred for size. One hundred spring pigs for sale. Do you want one or more? J. COLLINGWOOD, Kewanee, Ill.

GEO. WREATH, Manhattan, Kan. Offers 25 Duroc-Jersey spring pigs of choice breeding and individual merit at private sale. For prices and descriptions address as above.

PLEASANT HOME FARM DUROCS 15 Spring boars sired by the good boar K's Golden Rule 151535 and out of sows by great Duroc boars. One fall boar by K's Wonder. Prices right; come or write GEO. M. KLUSMIRE, HOLTON, KANSAS.

**DUROC-JERSEYS.**

**DUROC-JERSEY—O. L. C.**

boars, both breeds of March farrow at \$12.50 to \$20 Satisfaction guaranteed. J. M. Layton, Irving, Kan.

**Special Prices** for 30 days on Duroc Jersey Spring pigs. Pairs and trios. Satisfaction guaranteed. R.C. Watson, Altoona, Kan.

**Smith's Durocs**

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

**DUROC FALL GILTS BRED**

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

**Tyson Bros., McAllaster, Kansas**

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

**BARGAINS IN DUROCS**

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

**GOOD E. NUFF AGAIN KING 35203**

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

**IMMUNED DUROC - JERSEYS**

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

**November Boar Bargains**

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

**Maplewood Durocs**

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

**Quivera Herd Durocs**

Spring pigs all sold, am now taking orders for fall pigs which will arrive August 15th to October 1st. E. G. MUNSSELL, Route 4, Herington, Kan.

**CAMPBELL'S DUROCS**

Fall gilts bred for September litters. Spring pigs—the handsome, stretchy kind. Ohio Chief, Col. and Model Top blood lines. Can ship via Rock Island or Santa Fe. Satisfaction guaranteed. A. T. CAMPBELL, MARION, KANSAS

**BRED SOWS and GILTS**

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

**Bonnie View Stock Farm**

For Sale: March and April boars and gilts by Tat-A-Walla and Jayhawk (Crimson Wonder). Also 10 or 12 choice last October gilts, either bred or open. SEARLE & COTTLE, BERRYTON, KANSAS

**60 Pigs, Private Sale**

Sired by Freddy M (1,000 pounds) and Harley, by Regulator, by Regulator. Good herd boar material. Address F. M. CLOWE, CIRCLEVILLE, KANSAS

**Select Chief — Col. Harris**

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

**Bancroft's Pedigreed Durocs**

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

**TATARRAX HERD DUROCS**

No bred sows or gilts to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. Everything immunized by double treatment. Write today. BUSKIRK & NEWTON, Newton, Kan.

**BRED GILTS**

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

**Immune Fall Boars**

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

**HILLCREST FARM DUROCS**

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

**E. N. FARNHAM, Hope, Kans.**

**Private Boar Sale**

Top boars from our 115 March and April Duroc-Jersey pigs. Nothing but choice ones priced. Extra size, best of breeding. Prices reasonable and satisfaction guaranteed.

**HOWELL BROS.**

Herkimer, Marshall Co., Kansas.

hog is assisted by King, bred by John B. Lawson of Clarinda, Ia., and sired by Long King's Equal out of Lady Tecumseh and Long Tom by Brooker by Hadley, by Major Hadley, by Big Hadley, out of Mollie M., by Big Price. These are a very good lot of herd hogs with the preference to Sater's A Wonder. The herd sows represent more variety of breeding than we usually find in one herd. They are by Jumbo, Giant Leader, Missouri Lad, Pawnee Lad, Osborn's Perfection, Superior Look, Long King's Equal, Long King Jr., Surprise Tecumseh, Big Lad, Expansion Jr., Longfellow, Big Price, P.'s Chief Price, Rood's Giant, Mastodon and Big Lad. With this variety of breeding the Hatlelea herd is able to fill most any kind of an order.

**Big Duroc-Jersey Hogs.**

Last spring when we were driving out to see Eliga Story's Poland China herd we came to a herd of what we thought the largest Duroc sows we ever saw. We learned that the owner was J. Collingwood, but he was not at home. Recently we made a special trip to see the owner and this herd as we felt that they should be represented in the Capper Publications as hundreds of our readers are looking for more size in their breeding stock. We are certainly pleased to have Mr. Collingwood place an advertisement with us. He says he is using only such herd hogs as are backed up with state fair champions but he is trying to make big hogs for the farmers and feeders. At the head of the herd is a massive hog, Orion Chief 3rd 98431, by Orion Chief 2nd, by Old Orion Chief and out of Ruby Wonder 250566, by the great Pilot Lad and second dam is Lady Hero perhaps one of the largest sows of the breed. The other herd hog, Chief, is not so large but extra in quality. He is sired by Chief's Col. 22875 and out of Crimson Helen, by Crimson Wonder 3rd. This breeder has about one hundred big, growthy pigs that will make massive hogs, the sort breeders are looking after. In looking over the breeding of the herd sows we see they were bred by such breeders as H. E. Browning, W. R. Hainline, S. E. Morion, L. H. Bryan, Geo. Sackman, E. S. Ray, Ira Dodson & Sons, and other breeders of this class.

**Nebraska**

BY JESSE R. JOHNSON.

**Francisco Offers Boars and Gilts.**

C. W. Francisco, our Poland China advertiser at inland, Neb., reports good inquiry for spring pigs and says the pigs are coming along fine, says further that he has some good ones to choose from and can furnish pairs not related. The male pigs are especially well grown and the bunch is very uniform. Mr. Francisco has one of the best big type herds in Nebraska and can supply breeding stock that is sure to please. When writing him please mention this paper.

**S. E. Kansas and S. Missouri**

BY C. H. HAY.

Last year Frank H. Parks, the big Hampshire breeder of Olathe, Kan., offered a Hampshire pig to the boy who won first prize in the Capper Boys' Pig Feeding Contest, at Hutchinson. This pig was won by Phillip Crow of Hutchinson, Kan. This sow is being shown through the circuit this year by Mr. Crow. He won first on her at Concordia last week. The Duroc-Jersey pig with which Phillip won his first prize last year has grown out nicely. She is also being shown this year. She won first in class and was grand champion sow at the St. Joe show this year. Both these pigs will be on exhibition at Hutchinson next week.

**Herd Boar Opportunity.**

A good many of the readers of this paper no doubt are looking for an outstanding herd boar. In this connection we recommend P. L. Ware & Son of Paola, Kan. The firm is and has been for years breeding a type of Poland Chinas that fill the requirements of breeder, farmer and feeder. Their hogs are of the big type breeding and carry an unusual amount of quality. At this time they have a fall boar by Miami Chief and out of a sow sired by one of old Expansion's best sons. This young boar is outstanding in his individual excellence. Messrs. Ware think he gives promise to develop into the best hog they have ever produced and they would like to have him go to head some good herd. This expression as to the individual excellence of this boar coming as it does direct from Mr. Ware, will carry very much weight with the breeders who know him. He is a modest man and is not given to overrating his stock. He has developed as good Poland Chinas as have been produced. In addition to the young herd boar they have some mighty good spring boars. If interested at all write P. L. Ware & Son, and mention this paper.

**Andrew & Cowley's Shorthorn Sale.**

In this issue you will find the announcement of the Shorthorn sale to be held by these men, at Girard, Kan., September 23. Each of these breeders have been breeding and developing their herds for 25 years. These men are not dealers or speculators, you have no middleman's profit to pay on this offering, every one of these cattle has been bred and raised by the consignor. More than that, what you buy in this sale will not be highly pampered stock that will depreciate in quality and value as soon as you get them home, but will go right on and do for you just what they have been doing for Mr. Cowley and Mr. Andrew. The cattle will be offered to you right off the pasture, in their working clothes, and in the best of breeding condition. Mr. Cowley will consign a fine red cow, by Secret Archer; a splendid big cow by Capt. Archer, due to calve next month; and one roan cow by Imported Cowslip; two open heifers by Ingle Lad Jr., by Ingle Lad, and out of Sweet Mistletoe by Imp. Collynie. One of these is a fine white animal, the other a roan. Is a show prospect; also three good young bulls of serviceable age. Mr. Andrew consigns 10 fine young bulls of serviceable age, both reds and roans; eight choice red and roan heifers, open. The balance consists of large, richly bred, red and roan cows, soon to freshen, or with calves by side and rebred. Mr. Andrew has at the head of his herd Orange Major, by Lavender Viceroy, twice an American Royal winner. The catalogs are ready and will be sent to all who write. Address either Mr. Adam Andrew at Girard, or Mr. Fred Cowley at Hallowell, Kan. Remember the sale is at Girard. Please mention the Mail and Breeze when you write.



W. H. Cooper.

**W. H. Cooper's Closing Out Sale of**

**Poland Chinas Tuesday, Sept. 29, 1914**

at my farm between

**Pittsfield and Pleasant Hill, Ill.**

Come to my sale on the Wabash R. R. or The Chicago and Alton R. R.

**I am selling twenty-eight years experience with as good a herd as can be found.**

ORANGE LAD 201977, bred by J. O. James, sired by Big Orange 145509, out of Lady Longfellow 13th, by Big Ex. 166731, sells in this sale. If you want a hog that's right as a breeder and an individual buy Orange Lad.

LONG EXPANSION, bred by Henry Door, sired by Door's Ex. 152095, out of Door's Choice 371766, by Hadley's Model, by Big Hadley. This is a very valuable animal as his breeding crosses nicely with many popular families.

SOWS THAT WILL SELL IN THIS CLOSING OUT SALE ARE BY Mable's Wonder 168019, Chief Again Price 170069, Big Bone 2d 161497, Big Bone 3d 190699, Big Bone Again 61351, Long Ex. 178701, Big King 201221, Long Expansion 192099, Long Scamp 161269 and Rood's Giant 47826.

My pigs are sired by my two herd hogs, A Wonder Again 195681, Pritchard's A Wonder 143921, Fair Longfellow Jr. 68493 and Great Orphan 68692.

I started in the Poland China breeding business twenty-eight years ago by buying my herd out of the greatest breeding and show herd that ever went down the pike. I have never gone back, my herd has never deteriorated. I am positively closing out my herd. My wife and I will spend two years traveling and sight seeing and my farm is leased for that length of time.

Dro. me a line for a catalog. It will give lots of information you want. Pittsfield is 35 miles east of Hannibal, Mo. Pleasant Hill, Ill., is 12 east of Louisiana, Mo.

**W.H.COOPER, Pittsfield, Pike Co., Ill.**

Ed. R. Dorsey of the Farmer's Mail and Breeze, by my solicitation, will handle my mail order bids.

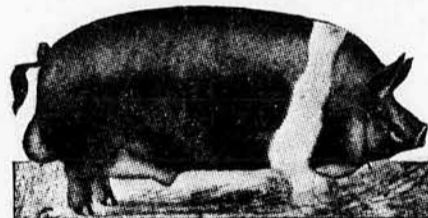
Auctioneers—Col. W. H. Cooper, Hedrick, Ia., and Col. Sidney McFadden, Pittsfield, Ill.

**Hampshire Hog Sale at Medora, Kansas**

**Wednesday, September 23rd**

12 mi. east of Hutchinson, Ks., on Frisco and Rock Island

**55 Head**



**55 Head**

25 Spring Gilts. 15 Spring Boars.

11 Sows with Litters at Side. 2 Bred Sows.

1 Yearling Herd Boar. 1 Aged Herd Boar.

This sale will offer the greatest opportunity to buy Hampshires ever offered in West Central Kansas.

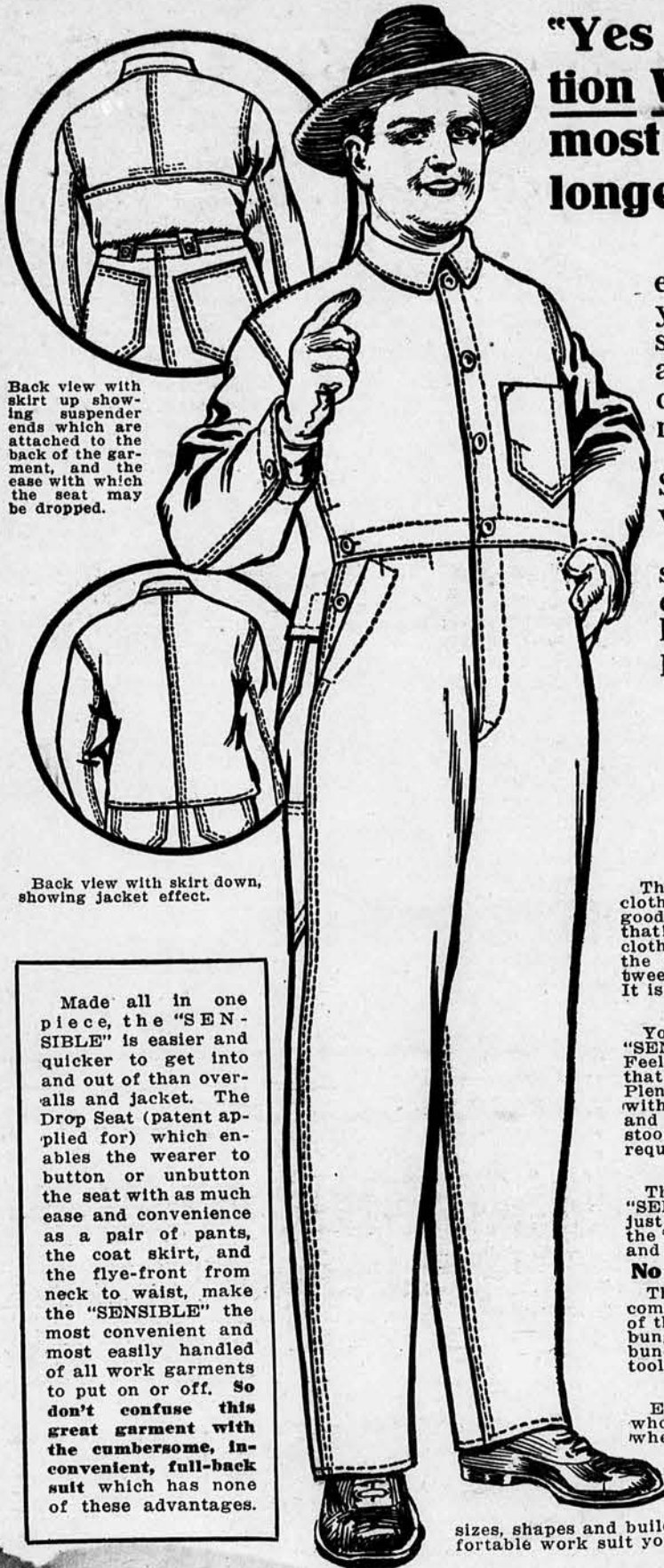
This herd furnished the first Hampshires ever shown at the Hutchinson State Fair and each year since has taken honors at this Fair.

Those who want to add to their herds or start the foundation of a herd of Hampshire hogs will find in this offering, breeding stock suited to their wants. These hogs are noted for large litters, easy feeding, quick maturing and rustling qualities and are growing more popular each year. You will miss a Hampshire opportunity if you are not present sale day. Send your name today for catalogue. Address

**J. F. Price, Medora, Kan.**

Auctioneers—John D. Snyder, Jess Langford, R. E. Calbert, Fieldman—A. B. Hunter.

# "Yes Sir!! The One Piece Sensible Combination Work Suit is the best, most economical, most comfortable, most serviceable, and the longest lived work suit made."



Back view with skirt up showing suspender ends which are attached to the back of the garment, and the case with which the seat may be dropped.

Back view with skirt down, showing jacket effect.

Made all in one piece, the "SENSIBLE" is easier and quicker to get into and out of than overalls and jacket. The Drop Seat (patent applied for) which enables the wearer to button or unbutton the seat with as much ease and convenience as a pair of pants, the coat skirt, and the fly-front from neck to waist, make the "SENSIBLE" the most convenient and most easily handled of all work garments to put on or off. So don't confuse this great garment with the cumbersome, inconvenient, full-back suit which has none of these advantages.

That's what every man who slips into one of these wonderful, easy, roomy "SENSIBLE" WORK SUITS says. That's just what you'll say the minute you do likewise. For here is a one-piece work suit that meets every requirement for comfort, appearance and durability—and does it easier, and quicker than overalls ever did or could. Here is THE new idea in work clothes—the latest, easiest, most convenient and best.

Wherever or whenever there is a man's work to do, the "SENSIBLE" is the right uniform for the job, because it actually makes working easier and more comfortable.

Here is a garment that does away with all of the binding, scratching and chafing discomforts of the old-style jacket or "jumper" and overalls. For farmers, machinists, builders, engine men, laborers, automobilists, or any men who do manual labor, there is positively no better work garment than the



PATENT APPLIED FOR

The most important improvement in work clothes in 50 years. Nothing else like it or as good on the market anywhere today. Remember that! Don't think of buying any more work-clothes of any kind until you have investigated the "SENSIBLE." There is no comparison between it and any other work garment made. It is the unquestioned best.

### All the Room You Want

You will feel perfect comfort working in a "SENSIBLE" because it is "plenty big for you." Feels easy, roomy, full size. In fact, it is made that way on purpose. No skimping anywhere. Plenty of room in it for a man to get around without its binding. Plenty of cloth in the thigh and seat to insure the utmost ease in sitting, stooping, or turning to any position your work requires.

### No Straps to Bind You

The wide elastic suspenders at the back of the "SENSIBLE" are fastened to a supporting strap just below the shoulder blades in the middle of the back where they can't slip off your shoulders and bind or chafe you in any way.

### No Double Thickness Around the Waist

There is no chance of anything like an uncomfortable double thickness around the waist of the "SENSIBLE" work suit—no chance for the bunglesome coat tails of a jacket or jumper to bunch up, get in your way, or get caught in the tools or machinery you are working with.

### Made for the Man Who Wears It

Every "SENSIBLE" is made to fit the man who wears it. Your "SENSIBLE" will fit you when you put it on. The minute you get into it, you will experience that comfortable feeling of the "fit that fits," feels right, sets right, and IS right—just for you. This is true because we have been experimenting with thousands of men, fitting all sizes, shapes and builds. Once you have worn a "SENSIBLE" comfortable work suit you will never wear overalls and jackets again.

### Looks Better, Works Better, Made Better

The materials used for making the "SENSIBLE" work suit are absolutely the best obtainable—closely woven and thoroughly shrunken—the strongest quality of Duck, Denim, Tick, Pin Stripe and Khaki.

Every "SENSIBLE" Work Suit is made stout and serviceable. Will stand the hardest sort of work—on the farm, in the shop, around the engine, on the road, or anywhere.

All the seams in the "SENSIBLE" are double stitched—guaranteed not to rip. Every garment has a neat, snug-fitting military collar, dust-proof cuffs, safety watch-pocket, and plenty of other pockets.

It is made in a good clean, well lighted, airy, sanitary factory by experts who know what they are doing and like to do it.

You will find your "SENSIBLE" not only lighter in weight than overalls and jacket, but stronger, more durable, and ready to give you longer and more satisfactory service. It is a neat-fitting, good-looking, solidly-built garment, compact from top to bottom. The wind, dust and dirt can't get into it.

Don't forget the name. Be sure that the label illustrated above is attached to the suit you buy. Just say "SENSIBLE" and your dealer will give you the best work suit on earth.



## Now Then—Will You Accept This Proposition?

The next time you are in town, from a purely selfish point of economy and for the sake of your own personal comfort, ask your dealer to show you a "SENSIBLE" Combination Work Suit. Take this suit and lay it alongside any make of overall or work garment he may have in stock—and then compare them point for point. Take your time about it. Examine each garment thoroughly. Look into the quality of materials used, compare the sizes, the pockets, the seams, the stitching, the reinforcements, and above all else, the practicability of the "SENSIBLE." Then, if you are thoroughly convinced that the One Piece "SENSIBLE" Combination Work Suit has the best of the argument, buy a suit on your merchant's word that the suit is all we claim for it—for his word is backed up by our personal guarantee that you will find in the "SENSIBLE" just what you have long wanted in a work suit—that it will wear better and longer, and be more comfortable than any work garment you have ever had, or your merchant will refund the purchase price. Surely this is a fair proposition and one not every manufacturer of work garments would suggest; but we know positively that the moment you make this comparison, you will decide in favor of the "SENSIBLE"—and we know, too, your work suit troubles—the pinching crotch, and bunched waist and seat—will be over, and instead, you will acquaint yourself with real, honest bodily comfort, and at the same time reduce your work clothes expenses to the very minimum.

If your dealer has not as yet stocked the One Piece "SENSIBLE" Combination Work Suit, we will supply your suit direct from the factory, all charges prepaid. We have ready a very interesting little circular telling all about the "SENSIBLE" Combination Work Suit, which, together with swatches of the five different patterns of materials from which it is made, we will send free for the asking. Simply fill in the attached coupon and mail it today.



Dealers in nearly all Kansas towns sell the "SENSIBLE" One-Piece Combination Work Suit, but if your regular dealer has not as yet stocked it, he can get a suit for you. Blue Denim, \$2.00. Measure yourself according to the following directions, present it to him, and your suit will be ready for you within a few days.

### Instructions For Self Measurement

- A to B around Chest.....In.
- C to D around Waist.....In.
- G to I Inseam.....In.
- G to H Crotch Seam to top of shoulder.....

Name .....

Town .....

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

The general merchant with whom I usually trade is:

Town ..... State .....

**JOHNSTON & LARIMER MFG. CO.,**  
Dept. C, Wichita, Kan.

Gentlemen: Without obligation on my part, please send me FREE further information regarding your "SENSIBLE" Combination Work Suit and the five FREE Swatches of the materials used in its manufacture.

**JOHNSTON & LARIMER MFG. CO.**  
Dept. C, Wichita, Kansas