

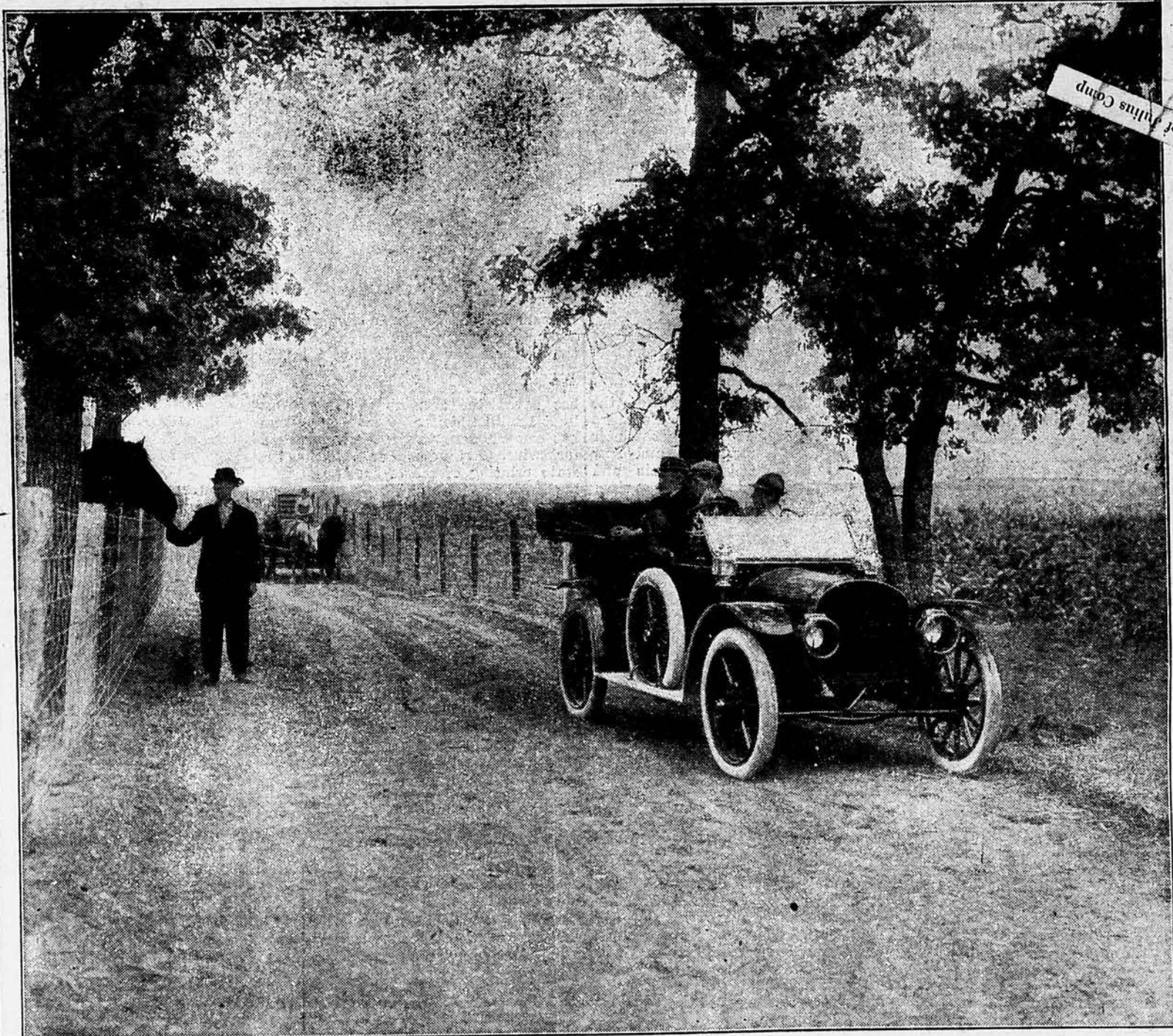
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# THE FARMERS MAIL AND BREEZE

Volume 42

October 5, 1912

Number 30




*Our old Friend, the Horse, Continues to Serve us, to Attract our Attention and Win our Affection*

IN a recent speech President Horace Fletcher of the Indianapolis Livestock Exchange brought the cattle shortage sharply to the attention of his hearers by an apt comparison. "Traveling from Indiana to Oregon," he said, "I counted a greater number of Bull Durham tobacco signs than steer cattle." Next week's Mail and Breeze will print some vitally interesting facts for corn belt folks in regard to the actual cattle shortage.

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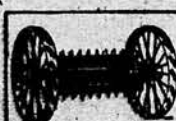


Easy to Load

## John Deere Spreader

The Spreader with the  
Beater on the Axle

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Easy to Load

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and 25 View Cards

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## What Farmers Are Thinking

You are cordially invited to air your opinions in this column, but the Mail and Breeze reserves the right to condense such statements as far as possible to give other contributors a chance to say something. Short, crisp expressions of opinion on matters of interest or consequence to farm folks are welcome. All contributors must take their turn.

### Would Be Sad for Office Holders.

Mr. Editor—Why cannot we get a reasonable law to this effect? Reasonable prices, reasonable taxes, reasonable salaries, reasonable interest rates, and reasonable salaries to office holders. The office holder with a salary of from \$1,200 to \$100,000 per year is too much of a load for the taxpayer of the laboring classes. There are other men who are just as well qualified to look after these duties at lower salaries, and if men won't, women will. Some such law should be voted on election day.

Courtland, Kan.

P. E. E.

### Wasps Are Not All Bad.

Mr. Editor—As a boy I waged a relentless war on the wasps and wasp nests but an incident occurred the other day that caused me to alter the opinion of my quick tempered, hot-tailed friend. I was in the cabbage patch, laboriously and with murderous intent, searching out the little green worms that were eating up my chances of paying the grocer this fall, when down popped one of "slim-waisted warriors and made off with one of these worms. Since then I have concluded there is nothing the matter with Mr. Wasp except his extreme "techniness", and he should be let alone.

Benton, Ark.

David Townsend.

### State School Books in Nebraska.

Mr. Editor—I came here from Nebraska a year ago. There the district stands the expense of the child going to high school after he has passed the eighth grade. The state of Nebraska also furnishes the books. Last winter I paid out \$6.50 for books and now they have changed books again and there is nothing to do but get another set of new ones and lay the old ones aside.

I would like to ask you and the readers of Farmers Mail and Breeze why country children should not be entitled to as much schooling as the children in town? Why not have nine months of school in country as well as in town? The place of the children who are too small to work is in the schools. The children of the country need a better education than they are getting. They must later deal with well educated men and women in other callings and should be just as well prepared as they.

G. F. Winters.

R. 2, Herington, Kan.

### Tax Narrow-Tired Wagons Also.

Mr. Editor—I notice your comment in regard to Tom Brown's idea for taxing the autos, motorcycles and bicycles for good roads. Why stop there? Why not also tax the narrow-tired wagon, which does more damage to the roads than anything else? This would tend to increase the number of wider tires which would be less injurious to the roads. The tax Tom Brown proposes would hardly be fair anyway as autos, motorcycles and bicycles have as much right on the roads as other vehicles. It looks as if the vehicle that does the most damage ought to be taxed the most. The damage caused by bicycles and motorcycles is very slight while that by autos is much less than a heavily-loaded wagon with narrow tires which cuts deep ruts in the roads. I am a farmer and own both an auto and wagons.

Cowley county, Kansas. G. A. C.

### A Republican to Republicans.

Mr. Editor—I feel certain that Arthur Capper can be elected governor of the state of Kansas with a handsome majority, no matter what the situation may be. In my mind he is the strongest candidate for the position of governor

we have had in years. He has been an adviser and friend of the farmers of the state of Kansas through the Mail and Breeze and other farm journals for years, and the farmers regardless of party, will vote for him.

But as for me I would like to see the whole Republican ticket successful within the state, not only in the state offices, but in the county offices. If the Republican ticket is to be successful this year within the state of Kansas, we standpatters and Progressives must "give and take."

I specially plead with the Republicans of both factions not to make laughing stocks of ourselves for the Democrats. "Give and Take" should be our motto for our campaign of 1912.

T. D. Smith, a Republican.  
Hiawatha, Kan.

### The High Cost of Farming.

Mr. Editor—The total production of the farms annually amounts to about 6 billion dollars, and the crop gamblers usually raise from 12 billion to 15 billion dollars worth of products. Still as producers we are told to make two blades of grass grow where one now stands. The average farmer does not get a remunerative price for what he now produces. Why should he double the production and still get no more for it? According to B. F. Yoakum, president of the Frisco railway, "a total of farm mortgage loans in the United States is \$6,046,000,000. This would mean an annual interest bill of 510 million dollars to be paid by farmers, nearly as much as the total wheat crop amounts to. Yet farmers are told they are getting rich and some actually believe it. The facts are the average farm in Kansas pays about 3 per cent on the investment.

One way to help the farmer would be for the state to build and operate a state flour mill and a state packing house and sell the products to the people at cost. All the farmers buy flour and mill products and nine-tenths of the farmers half of the time buy back the meat they produced at a big profit to the packer. The same is true with the wheat. The twine plant at Lansing made a profit of \$36,000 last year and has saved the farmers of Kansas at least 1 million dollars because they were not compelled to pay 18 cents a pound for twine. Arthur Capper advocates the state printing of school books and selling them at cost and I hope he and the legislature this coming winter will consider the packing house and flour mill propositions in the same light.

It is the duty of every farmer to write the various candidates for congress where he stands on the issue of government money to pay for all work rendered against the government each year and no candidate for congress should be sent to Washington unless he favors and will work for it. This government issue of money will help the farmers pay off the \$6,046,000,000 of farm mortgage loans as our indirect national tax is the one that hurts the producer. The majority of producers don't seem to notice it. Hon. Fred S. Jackson in a speech at Washington, said, "This indirect tax was paid without the farmers knowing it."

J. Wesley Taylor.

Maple Hill, Kan.

### Four Big Papers For \$1.10

The Mail and Breeze is enabled to make the biggest clubbing offer it has ever had, and for only \$1.10 will send all four of the following papers for one year each:

The Mail and Breeze, of which nothing need be told our own subscribers or those reading this copy of the paper. It speaks for itself.


The Household, a large family magazine, containing the choicest stories and departments of particular interest to lady readers.

The Kansas Weekly Capital, the oldest and best weekly newspaper in the entire Southwest.

The Missouri Valley Farmer, a big monthly farm and agricultural paper which should be read by every farmer. No liquor advertising is printed in any of these papers.

Remember, all four of these big papers will be sent to one address or to four different addresses if so desired for only \$1.10. If you are a subscriber to any one of these papers your time will be advanced another year. You will be supplied with the best class of reading matter for a full year. Don't fail to mention the names of these papers in sending in your order. Send your order to the Mail and Breeze, Topeka, Kan.

More disease outbreaks in the flock can be traced to unclean conditions than poultrymen generally think.



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# THE FARMERS MAIL AND BREEZE

AN AGRICULTURAL AND FAMILY JOURNAL FOR THE PEOPLE OF THE GREAT WEST



Volume 42  
Number 30

TOPEKA, KANSAS, OCTOBER 5, 1912.

Subscription  
\$1.00 a Year

## HOGS WILL FINISH CHEAPEST ON ALFALFA HAY AND CORN

**O**F THE many rations tried for fattening hogs, none has been found the equal of corn and a small percentage of alfalfa. A bushel of corn is worth as much as a bushel and a half of cane seed when fed with alfalfa for fattening hogs. Four seasons' records show that old sows fattened on corn and alfalfa pasture gain 2 pounds per head daily, eat 355 pounds of corn for 100 pounds of gain, and give a net profit of more than 5 cents daily. Where alfalfa is fed in the rack or where chopped alfalfa or alfalfa meal are fed in the proportion of 1 pound of alfalfa to 9 pounds of corn, a pound of alfalfa is worth more than a pound of corn.



W. P. Snyder.

And where fall pigs are wintered and turned on alfalfa pasture in the spring, there is more profit per pig from those grown out largely on pasture and then fattened than from those fed out more quickly. One of the chief problems before the pork producer is that of the most profitable use of alfalfa in fattening. For several years the Nebraska substation has been conducting experiments to throw light on this problem. Tests made by the various experiment stations as well as the experience of the most successful hog growers have shown conclusively that corn alone is not as profitable a ration for fattening hogs as corn fed with a smaller portion of some food containing less starch and more protein. Experiments conducted at this station indicate that, when alfalfa is available, corn and alfalfa form the most profitable ration. The high value of alfalfa hay with corn for fattening hogs has been recognized for several years, but there have been few experiments until recently to determine the most profitable way to feed the alfalfa.

### BETTER THAN SHORTS OR BRAN.

The first test at this station began on January 2, 1904, and continued for 12 weeks. At the beginning of the experiment the pigs weighed about 80 pounds each and at the close of the experiment about 175 pounds each. There were 8 lots of 7 pigs each in the test. The rations were as follows:

#### Corn meal.

- 3 parts corn meal and 1 part shorts.
- 3 parts corn meal and 1 part chopped alfalfa hay.
- 3 parts corn meal and 1 part bran.
- 1 part corn meal and 1 part shorts.
- 1 part corn meal and 1 part chopped alfalfa.
- 1 part corn meal and 1 part alfalfa meal.

In this test a ration of 3 parts corn and 1 part alfalfa or shorts gave better results than a ration of one-half corn and one-half alfalfa or shorts. The ra-

### A Nebraska Test Which Has Proved Mill Feed Unnecessary in Fattening

BY W. P. SNYDER

Superintendent Nebraska Substation

Report Abridged For Farmers Mail and Breeze

tion consisting of 3 parts corn and 1 part chopped alfalfa gave the cheapest gains and the most profit per hog, though not quite so rapid gains as the ration of 3 parts corn and 1 part shorts. Alfalfa meal and corn also gave more satisfactory results than shorts and corn or bran and corn. This experiment indicates that alfalfa is a more profitable supplementary feed with corn for fattening hogs than shorts or bran.

### HAY IS BEST FED FROM A RACK.

The second experiment was carried on during the winter of 1906-1907. There were 6 lots of 10 pigs each in this test. They were fed for three months. Corn was compared with corn and alfalfa hay fed in a rack and with 3 parts corn and 1 part chopped alfalfa. These lots were duplicated, using barley in place of corn. All grain was ground. The pigs weighed about 130 pounds each at the beginning of the test and 240 pounds each at the close. The hogs getting alfalfa hay in the rack made the fastest and cheapest gains and the most profit per pig. Those receiving 3 parts corn and 1 part chopped alfalfa ranked second and corn alone third. This experiment confirmed the results of the former experiment in showing that alfalfa and corn make a more profitable fattening ration for hogs than corn alone.

During three winters, 1908 to 1911, extensive tests were made to determine the most profitable way of feeding alfalfa with corn. The following rations were compared:

#### Corn and alfalfa hay in a rack.

- 9 parts corn and 1 part chopped alfalfa.
- 9 parts corn and 1 part alfalfa meal.
- 3 parts corn and 1 part chopped alfalfa.
- 3 parts corn and 1 part alfalfa meal.
- 1 part corn and 1 part chopped alfalfa.
- 1 part corn and 1 part alfalfa meal.

The corn was ground and mixed with the alfalfa meal and chopped alfalfa. The feed was moistened in the trough. In these tests there were 10 pigs in each lot. The weight of the pigs at the beginning of the test was about 115 pounds and at the close about 225 pounds. The experiments continued for about three months, or from November 1 to February 1.

### HALF-AND-HALF RATION EXPENSIVE.

The gains made by the rations containing one-half alfalfa were much slower and more expensive than obtained from any of the other rations. The hogs fed half alfalfa and half corn were not in a marketable condition when the hogs on the other rations were ready for the market. It seemed evident that a ration of half alfalfa and half corn would not fatten these hogs. They were therefore given more grain and less alfalfa until fat. The profit on them from the time they were taken from the pastures in the fall until they were ready for the market was less than on the hogs fed no alfalfa or fed less than half alfalfa. The tests during the two winters showed that a fattening ration should contain less than half alfalfa. However, a ration of one-half alfalfa and one-half corn has been found quite satisfactory for wintering old brood sows.

By comparing chopped alfalfa with alfalfa meal where one-half the ration was alfalfa, we find that the alfalfa meal gave faster gains with less grain than chopped alfalfa, but that the profit from alfalfa meal was less than from chopped alfalfa because of the higher price of the meal.

In four tests, in each of which there were 10 pigs on each ration we found that rations containing one-fourth alfalfa produced slower gains than a ration of corn alone or of 9 parts of corn and 1 part of alfalfa.

### FOUND MORE CORN WAS NEEDED.

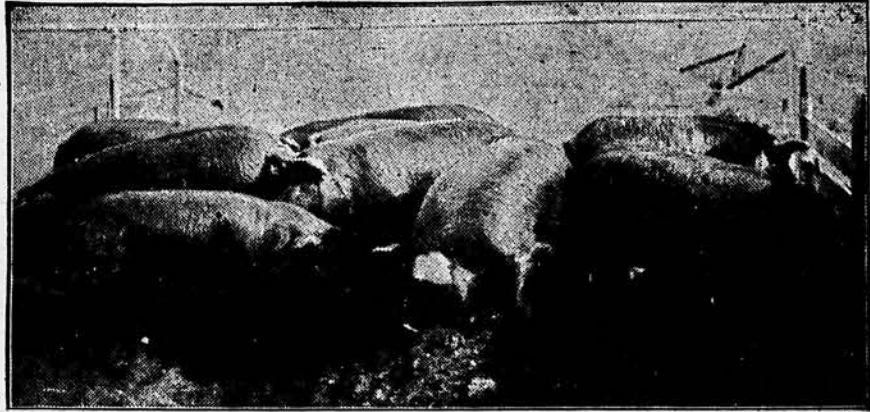
The hogs fed 1 part chopped alfalfa and 3 parts corn ate 66 pounds less corn to produce 100 pounds of gain than hogs fed entirely on corn, and the hogs fed 1 part alfalfa meal and 3 parts corn ate 92 pounds less corn to produce 100 pounds gain than those fed entirely on corn. But there were required 142 pounds of chopped alfalfa to replace the 66 pounds of corn, and 133 pounds of alfalfa meal to replace the 92 pounds of corn. The alfalfa used to take the place of the corn cost more than the corn it replaced, without making as fast gains. The cost of 100 pounds of gain from a ration of 1 part alfalfa and 3 parts corn was greater than from a ration of corn alone. The daily gain and the profit per pig during fattening were less when the ration was 1 part alfalfa and 3 parts corn than when corn alone. It would seem that a ration containing 1 part alfalfa and 3 parts corn is not as profitable as a ration containing a larger proportion of corn and a smaller proportion of alfalfa.

A study of the effects of chopped alfalfa and alfalfa meal where the ration is 1 part alfalfa and 3 parts corn shows that the alfalfa meal produced faster gains than chopped alfalfa and more profit per hog during the fattening period, though the cost of gain was increased slightly. This places alfalfa

(Continued on Page 25.)



Fed on corn and alfalfa hay in rack. A long series of tests indicates this is the best way to feed alfalfa in fattening hogs. The gains are faster and cheaper than when the alfalfa is chopped or ground. Feed 1 pound of alfalfa to 9 pounds of corn. By feeding alfalfa hay with the corn the cost of the increase in weight has been decreased 50 cents per 100 pounds.



Fed on 3 parts corn, 1 part chopped alfalfa. This ration gave cheaper gains than 3 parts of corn and 1 part shorts. Alfalfa meal and corn also gave better results than shorts and corn, or bran and corn. This indicates alfalfa is a more profitable supplementary feed with corn for fattening hogs than shorts or bran. However, the best proportion in which to feed it is 1 pound of alfalfa to 9 pounds of corn, as noted above.



## The Farmers Mail and Breeze

PUBLISHED WEEKLY AT  
Eighth and Jackson Streets, Topeka, Kansas.

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



## PASSING COMMENT

by T. A. McNeal.

**A CONFESSION OF FAITH.** Several readers of this paper have written me asking for my opinion on questions political and financial. I take it that the questions are asked in good faith and I feel complimented by the fact that my fellow citizens care enough about my opinions to ask for them.

It is customary for churches to issue what they call confessions of faith. I believe that every citizen of this republic ought to have a confession of faith of his own, adopted after the most earnest and careful consideration, and that if he discovers at any time that some article of his confession is a mistake he ought to abandon it or modify it in accordance with the new light he has received.

Here is mine:

I believe with all my heart in the basic principles of government by the people. I believe in the Declaration of Independence where it declares that governments derive their just powers from the consent of the governed.

I do not know whether the story of the Garden of Eden was a relation of fact or a mere allegory, but I believe firmly in the righteousness of the doctrine that was supposed to have been laid down when Adam was fired from that delectable location, to wit: That he and his descendants should earn their living by work.

I do not believe that the world owes any man a living or that any man has a right to eat bread without rendering an equivalent for the same in the way of some useful service. I do not mean by that that all shall earn their living by manual toil, for I recognize the fact that there are other kinds of service as useful and necessary as physical toil.

I believe that every man born into this world has a right to the opportunity to earn an honest living, and if conditions prevent him from doing that, those conditions are faulty and must be remedied before we have a just condition of society.

I do not believe that any man unless incapacitated mentally or bodily so that he cannot earn his living, has the right to sponge his livelihood off the labor of others, and I therefore class the hobo who begs hand-outs from door to door, because he is unwilling to earn his living by honest work, and the millionaire who lives in luxurious idleness on money he never earned, in the same class, and the fact that they exist shows that there are uncorrected faults in our system of society.

I believe that there should not be distinctive producing and consuming classes, or distinctive laboring and capitalistic classes but that all men should be both producers and consumers and laborers and capitalists.

I believe that it is the most important function of government to protect the weak from the aggressions of the strong and instead of piling the heaviest burdens on the shoulders of those least able to bear them, that the heavier burdens should be placed on the shoulders of the powerful and lifted

as much as possible from the backs of the weak.

I believe that waste of the things necessary to the wellbeing, comfort and happiness of mankind is folly if not an actual crime and that there is a grave fault in a system that permits food, fuel and other products of the earth, necessary to the comfort of man to be destroyed or wasted in some parts of the country while people in other parts of the country are suffering for the need of those very products.

I believe that war is a crime, a relic of barbarism and that the utmost efforts of all good men and women should be directed toward the disbanding of standing armies and the dismantling of the warships of the world.

I believe that a system that would permit the monopolization of what is necessary to the wellbeing and very existence of all should not be permitted. As land is as necessary to human life as air I am opposed to its monopolization by the few. Such monopolization is not only wrong in principle, but wasteful in practice. It forces a system of tenantry that means eventually an impoverished land and an impoverished people.

I am therefore in favor of a system of graduated land tax that would make it unprofitable to hold large areas of land by individuals and would tend to the division of the land into small tracts cultivated by the land owners instead of by tenants.

I am in favor of a graduated income tax, the rate being gradually increased until swollen fortunes will be impossible and the unnecessary surplus that tends now to build up an idle, extravagant and arrogant aristocracy will be collected into the common coffers of the states and the nation and re-distributed among the people.

As the currency of the country is the life blood of commerce I am opposed to putting the control of that currency in the hands of a few private individuals or corporations and so giving them the power to control the life of the people for their own selfish purposes and to their own financial advantage.

As under modern civilization every man, woman and child in this republic is directly or indirectly affected for good or ill by our systems of transportation, I believe that the great railroads of the country should be owned by the people of the country under direct supervision of the government and that all discrimination between individuals or localities should be abolished.

I believe that our whole educational system is more or less antiquated and inadequate and that it should be revised along practical lines so that every child in the republic may have, not only in theory but in fact, the opportunity to obtain a thorough and practical education and that all public institutions of higher learning supported by public funds should be run on the theory that every student, whether the child of the rich or the poor should earn his livelihood during the time that he is acquiring his education.

There should be no aristocracy in any public institution of learning but a thorough democracy both in the opportunities afforded and the style of living of the students. I believe that education should be universal, thorough and practical.

I would inculcate in the mind of every child if I could that idleness is not only a disgrace but a crime. I would teach every child to believe that he is one of the sovereigns of this republic and that he should look upon himself as a true king who is not only filled with patriotic love of country, but who will not knowingly do a wrong.

For after all is said and done the future of this republic depends on the individual character of its citizens.

Believing as I do that good government is fully as much the concern of women as of men, I am in favor of granting the right of suffrage to both sexes. If it should prove true that women will fail to exercise the right as fully as the men that would be their fault but would not alter the justice of the principle that they should have the same rights as their brothers in the control of their government.

Finally, I have faith to believe that there is more of good than bad among the children of men and that in the end, justice, kindness and intelligence will prevail over injustice, selfishness and ignorance.

### SLAUGHTERING CALVES.

A reader of the Mail and Breeze writes me protesting against the practice of slaughtering young calves for market. He seems to believe that there is a moral question involved in the slaughter of these infant bovines.

While I cannot see that there is any moral question involved in the slaughter of a calf more than in the slaughter of a 4 year old steer or a cow that has passed into the sere and yellow leaf period of her earthly existence before she is marked for slaughter, I do believe that it is wrong both from the standpoint of economy and health to slaughter such immature calves as are often brought to the market.

While I sometimes, in fact often, eat veal I do not think that the meat of a calf not more than 2 or 3 weeks old is really fit to take into the human stomach and if I could have my way about it, no beef animal would be slaughtered before it was at least 10 months old and I would rather the minimum age was 1 year.

On the other hand, I would be disposed to draw the line on extreme age. I have a respect for age

and hardly think it is right to devour a cow that has for perhaps 15 or 20 years pursued her peaceful and quiet life uncomplainingly furnishing the busy milk vendor with real milk which he has cheerfully mingled with water and sold to his customers at 8 cents a quart. That cow has in my opinion earned the right to die a natural death instead of being served up to exasperated boarding house patrons.

The killing of young calves for meat is poor economy in my judgment. I do not know whether it can be shown that the meat of these little calves is detrimental to health or not. I have always been of the opinion that it is but that is simply an opinion unsupported by any scientific knowledge.

I cannot say that people who indulge in very young immature calf meat are less healthy than those who do not eat that kind of meat but I have an impression that they would be better off if they did not eat that kind of meat.

The state would only have a right to forbid the killing of immature calves under its police powers which permit it to forbid what is detrimental to the public health or public morals. I presume that it would hardly be claimed that it was any more immoral to kill a calf than an old cow, but if it could be determined that eating immature calf meat was detrimental to the public health there might be ground for a law to prevent the slaughter of such animals.

### INHERITANCE TAX.

I am receiving a good many letters concerning the Kansas inheritance tax, some complaining about it and some asking for information.

I am of the opinion that the principle on which the inheritance tax is founded is just. The application of the law in Kansas works a hardship however, and therefore the law should be amended.

To begin with, the exemption is too low and the law if strictly administered would work a greater hardship than it does under the liberal interpretation that is given it. For example, an estate of exactly \$5,000 would not be taxed under the inheritance tax law but an estate of \$5,025 would be taxed on the entire amount. The law should be amended so that there should be in all cases a fixed exemption.

If for example, it is decided that only estates of over \$25,000 shall be subject to the tax then in all cases there should be a fixed exemption of that amount and the tax levied on what is over that amount.

The present law is further unjust in that it does not recognize the aid the wife has given in building up the estate that had been held by her husband in his own name up to the time of his death. While this was known as his property, in most cases the wife was as much responsible for the accumulation of the property as her husband and in such case the law should recognize her as the joint owner of the property. It does that in a way, for she is entitled to share the estate evenly with her children, but the inheritance tax law does not so recognize her.

If she dies before her husband, no inheritance tax is levied on him, but if he dies the widow has to pay it, notwithstanding the evident fact that she is less able to pay than her husband would have been had he survived her.

Either the widow should be exempted entirely from the operation of the law in the case where she has helped her husband to accumulate the estate or else in case of her death before that of her husband he should be subjected to the inheritance tax law the same as the widow is now subjected to it.

There is not the same reason in my opinion, for exempting the children from a tax on estates left them that there is in the case of the widow. While there are of course numerous exceptions the rule is that the child has cost more when it arrives at majority than it ever earned.

The average young man or young woman of 21 has not added to the property value of the ancestral estate. The money spent in caring for the child during the period of its infancy, and in clothing and schooling it amounts to more than it has earned. This is not a criticism of the child. The parent is under the deepest obligation to give his child the best opportunities he can afford to give it but the fact remains as I have stated. No serious objection however, would be made to a reasonable exemption for the children.

Indirect heirs who never did anything toward accumulating an estate have no reason to complain about an inheritance tax even if there is no exemption so far as they are concerned.

As I have said, the principle underlying the inheritance tax law is just. It aims to shift the burdens of government to the shoulders of those best able to bear them.

### THE MONEY QUESTION.

Tom McNeal every little while tries to make himself ridiculous, and succeeds remarkably by reaching some absurd conclusion about the government's financial and business plans.

The latest is to advocate the issue of county bonds, the government to buy them, and in that way furnish the farmers cheap money. To him this is identical with the national banking system, while as a matter of fact it is almost exactly the opposite.

The government is a borrower, not a lender. The bond feature of the national banking system is unprofitable to the banks, most of the larger banks handling the minimum instead of the maximum amount. A bank must go into the market, buy government bonds from private owners—not the government—paying invariably a premium of 2, 3



or more per cent. These bonds draw about 2 per cent interest.

The bank may then deposit the bonds against this investment. The banks are allowed to issue notes to take the place of the money originally invested in the bonds.

The expense of printing and keeping this note issue going is considerable, and any one with experience will say it is unprofitable. It is a war scheme of the government to borrow money continued because there are so many financial doctors they have been unable as yet to agree upon a new plan.

The above is clipped from the last issue of the Burlingame Chronicle, edited by Thomas Ellis. I do not wish to retort in an unkindly manner by belittling the ability of the editor of the Chronicle.

While no one would suspect from reading the above editorial that he is possessed of any considerable ability, I know from personal acquaintance and from other reliable private information that he has a line of rather fine native ability that unfortunately for his readers, he does not use.

To begin with, Mr. Ellis in the above article shows a carelessness in regard to facts that is deeply to be regretted. Two per cent government bonds do not sell at a premium of "2, 3 and more per cent."

If Mr. Ellis had taken the trouble to have looked up the bond quotations, which he might have found in almost any metropolitan exchange, he would have discovered that 2 per cent bonds are quoted at a premium of 1 per cent bid and 1½ per cent asked instead of 2, 3 and more per cent premium as he says.

It is true that formerly when the only United States bonds the banker could buy were 4 per cents and they brought a premium of 25 per cent and even more, and in addition the bank was only permitted to issue currency to the amount of 90 per cent of the face of the bonds, many banks took out the minimum of circulation. That is not true now when the banks are permitted to take out currency to the full amount of the bonds deposited. Neither is it true that banks make no profit out of this currency privilege.

Suppose that a national bank deposits \$100,000 in 2 per cent bonds. These bonds cost the banker \$101,000 or at the outside not more than \$101,500. They mature in 1930. If the bank bought them when first issued the interest from date of issue to date of maturity would be \$60,000. The cost to the bank for premium, government tax for redemption fund, etc., would amount to not more than \$16,500, leaving a net profit to the bank of \$43,500 for which it renders no equivalent, for as soon as the bonds are deposited the government issues currency to the full amount of the bonds deposited.

In other words, the government makes the bank a present of more than \$40,000. Of course on bonds bought at this date the profit would not be so great for the reason that the bonds have not so long to run before maturity, but even now the bank would realize a net profit on the bonds purchased of about \$25,000 by the time the bonds mature.

However, what the banks make on the bond transaction on account of the special privilege granted them, is not the important or material question. The serious difficulty is that under our present system the banks are enabled to control the credit of the country; either to crush or to promote enterprise—in short, to control the finances of this whole country at will and to their own selfish advantage.

I am not criticizing the smaller banks scattered about over the country. They are almost as much the victims of the system as the people who are compelled to borrow money to finance their various enterprises. A few great banks, connected as they are with the vast corporations, such as the Standard Oil and steel trust, dominate the finances of the whole country. In the words of Holy Writ, "Whom they will they raise up and whom they will they cast down." In other words, they have come to the point where they seem to be more powerful than the government itself.

They arrogantly assume to dictate to the people and without their approval no great enterprise can be financed. If there was ever a doubt that they have and that they ruthlessly exercise such power, that doubt must be driven out of the mind of every well informed man at this time.

Mr. Ellis says that I want the government to buy the bonds issued by the various counties and municipalities. I do not want the government to do anything of the kind. What I do want is that a law should be passed permitting these municipalities to deposit their bonds in the treasury of the United States, the amount of bonds that could be issued by any municipality to be carefully safe-guarded and restricted, and upon those securities that the government should issue to the municipalities currency just as currency is now issued to the banks.

The government would stand as trustee of the bonds so deposited and as guarantor of the currency issued just as it now stands sponsor for the national bank currency.

What makes the national bank currency good? Not the solvency of the bank in whose favor it is issued but the faith of the United States. You say that the bond of the United States is back of the currency. Yes. And what is back of the bond? Is the bond better than its backer?

Under the law as it now is, if you will examine a national bank bill you will find that it is not necessary to deposit national bonds as security for currency. The bill plainly says that there is deposited in the treasury United States bonds or "other approved securities." It is quite probable that so far other securities than United States bonds have not

been deposited but the privilege is there and will be used by the powers that control the finances of this country whenever they consider it to their advantage to do so.

The assessed valuation of property in Osage county is in round numbers 32 million dollars. A bond on that county for 3 million dollars would be less than 10 per cent of the present assessed wealth of the county and would be considered a perfectly good security. Under the present national banking law there is no reason why the bonds of the county might not be deposited by national banks and on the strength of that deposit 3 million dollars in currency issued to the banks to be lent by them to the very people who furnish the security, the taxpayers of Osage county.

Suppose the people of Osage county deposit their own bonds in the United States treasury, would those bonds be of any less value than if they passed through the hands of national bankers before being deposited? It is the solvency and honesty of the people of Osage county that gives value to the bonds, not the touch of the national bankers.

It is the recognized function of the government to issue money. No money is lawful unless authorized by the government. I have suggested that the government charge the municipalities 2 per cent per annum interest on this money. I do not mean by this that the government has the power to create values. The government simply becomes the instrumentality through which the people may turn so much of the property values as they already possess into currency as may be necessary to supply their needs for a circulating medium.

It is probable that the word "interest" has created some confusion. When we talk about the government collecting interest we are apt to get the idea that this means that the government owns the money that it lends just as we think of an individual owning the money he lends, or the bank owning the money it lends, although as a matter of fact the bank does not own more than a small per cent of the money it lends to its customers.

I use the word interest because that seems to be the most convenient term. The 1 or 2 per cent that I would have the municipalities pay to the government would however, not be interest as it is generally understood but it would be a tax paid to the government by the municipalities for revenue purposes and to pay the cost of printing and issuing the currency.

At present when a municipality needs money for any public improvement it issues its bonds. These bonds are then sold to the banks, generally finding their way eventually into the coffers of the money lords of one of the great financial centers. These financiers then give back to the municipalities for their bonds, money that has been issued by authority of the government and the tax payers of the municipalities proceed to pay tribute for 20 or 30 or maybe 50 years to these financiers.

I would simply cut out the tribute paid now to the money powers. I would permit the people to use their own credit directly instead of turning it over to the coupon clippers and allowing them to lend it back to the people who authorized it in the first place.

## Truthful James

"My opinion is," said Truthful, "that no man kin tell what he kin do or what he kin stand till he has to go to the limit."

"Now for instance, there was Jud Parkinson. He came out from the East and settled in the edge of Colorado. He had had an easy time of it all his life till he struck that western country; had a college education and plenty of money to spend. Never knew what it was to get right down and dig for a livin' and be short on provender to the extent that when he got through with one meal he wa'n't entirely sure where he was goin' to get the next one."

"Well, Jud come out there partly because the doctor back East made him believe that it was either to the West or the bone yard. And it seemed that the doc. was correct. Jud had probably gone the pace back East and was sufferin' the consequences. One lung wasn't sparkin' at all—out of commission entirely. The other lung was missin' fire over half the time. In other words, while Jud had been originally built for a four cylindered man he was down to one cylinder when he hit Colorado and that one wa'n't workin' right."

"He looked like a ghost walkin' round where it didn't belong but there was this to say for Jud. He was game. He took up his claim and went to work as fur as he was able. As I said, he had some money when he come out, but he was a leetle extravagant in his expenditures."

"He built him a bungalow house that took about 3,000 plunks to pay for and a barn that cost 2,000 more and then he went in for fine furniture and fine stock and traction engines and a carriage and drivin' team till the first thing he knowed he had blowed in upwards of \$10,000. He had about \$15,000 cash to start with."

"The first year he blowed in \$3,000 of the \$5,000 he had left after gettin' his house and barn and carriage, etc., paid for. The second year he spent all the rest of his cash, but his health had certainly improved."

"When he came there he was the slimmest and thinnest mortal I ever see, 6 feet 2 inches high and

only weighed 100 pounds with his overcoat and hat on. In two years he got one lung to operatin' regular and the other more than half the time and weighed 200 net."

"I will say fur Jud that he was a stayer and the most cheerful man under adverse circumstances I ever met up with. It kept gittin' drier and drier but Jud was entirely cheerful. When it got to the point where he had no more money and no feed he took his carriage horses to the nearest town and sold them. He lived on that money for quite a spell and then he sold his carriages and such other things as he had and lived on that. When that was gone he sold his furniture, all but his cook stove, and lived on the proceeds of that durin' the third year."

"The fourth year he subsisted mostly on jack rabbits with occasionally a sage hen. He told me that he had et so many jackrabbits that fur was growin' all over his person. This did away with the necessity fur wearin' any more clothes than was necessary to keep him from bein' arrested fur indecent exposure. Everybody else in the neighborhood, that is what few hadn't pulled out of the country, was grumblin' and cussin' about dry weather and hot winds, but Jud was as cheerful as a meadow lark."

"Then a cyclone come along, blew his barn away, blew his house away, blew Jud himself away. Blew him six miles, blew all his clothes off barrin' his overalls and left him senseless in a gully. After three hours he come to, crawled out of the gully and started back for home. The next day I went over to see how he was comin' on. He had found a hammer and a piece of tin spoutin' and was hammerin' away and whistlin' to beat the band."

"I says, 'What the tarnation are you doin' now?' 'Why,' he says cheerful and chipper as you please, 'I'm fixin' up a tin bill like the bill of a rooster. I'm goin' to fasten that on my face and go out and pick up a meal of grasshoppers.'

"So I say that you can't tell what a man kin stand or how he kin manage to live till he has to go to the limit."

## WASTING ROAD MONEY

No other western state has spent so much money for rock roads as Missouri. Missouri has expended millions of dollars for such roads in the last 10 years and is still actively engaged in it.

Last week our Missouri neighbors were informed by W. H. Campbell of the American Automobile association, a noted good road's specialist, that this money had been worse than misspent.

In my opinion when it comes to building rock roads we have still a great deal to learn in this country, particularly in the West, and should not attempt as yet to build an elaborate or expensive system of rock roads in Kansas.

For one thing, we should first work out a better method of conducting our road work. Few of us I believe appreciate the wastefulness of our present system. We are just beginning to find it out. It is probable that more money is wasted in the building of roads in Kansas than in all the other forms of public work. It is wasted almost entirely through misdirected and unskilled effort, through work in the wrong places, or at the wrong time, through the improper use of both good and bad tools, and our universal lack of system in both construction and maintenance. Undoubtedly we have too many inexperienced, incompetent, inefficient subordinate road officials, and some grafters.

The blame is not to be laid at the door of any one or a hundred persons. It is the system that is wrong and needs reforming. I am confident our present road fund, under an efficient system, would give us well dragged roads properly drained, graded, and maintained, as well as good natural roads in the sandy sections of Kansas.

I am absolutely convinced that continuous and intelligent road dragging is the cheapest, simplest most effective method we have as yet of improving Kansas roads and the best means we have for enlisting public sentiment in behalf of road improvement.

It may be in those thickly settled districts near the larger cities, where land is more valuable, where an abundance of rock can be had nearby, and where the county or township will not be overburdened by an outlay of \$3,000 a mile, the stone or rock road may be desirable, or may be experimented with, but I think much so-called permanent road building in Kansas would be a mistake at the present time.

The man on the farm wants good local roads. He wants a good road to his town and shipping point and to the school house and church of his neighborhood. He is not interested as yet in cross-state highways and automobile routes. His first consideration demands the improvement of the road or roads he must travel and travel often.

In my opinion this means that the well-drained, persistently-dragged earth road offers the most practical solution of the good roads problem in Kansas for some years to come.

The kind of road improvement I should prefer to foster as governor of Kansas would be first, a perfection of the system under the road drag. We should learn to handle our present road fund well and efficiently before greatly increasing it. Once we have done this more money will be forthcoming when needed and always will be when we can be reasonably sure it will be well and advantageously expended.

*Arthur Capper*



## JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

We like to get the experiences, views and opinions of "our folks" on any farm or livestock subject particularly if reasonable and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to Farmers Mail and Breeze or other good publications for best letters received. Address Editor Farmers Mail and Breeze, Topeka, Kan.

Since the cool weather came on Kafir corn is making slower progress. Many fields now show quite a white color but some are still green and will need all the time there is until frost.

One of our neighbors, who is going to fill a silo with Kafir says he prefers to silo it before it gets too ripe. He thinks the silage better if it is put away when the heads have just nicely turned white.

We have seen but one or two fields of red Kafir this fall. The white has taken its place for the white yields more grain although many think the fodder is not quite so good. The red has the advantage of ripening two weeks earlier but it is much more likely to blight and smut.

Many are looking for cheaper grain soon. It does not seem that corn can long hold its present price and most grain dealers think that Kafir will be rather cheap this winter. We notice that only 90 cents per hundred is now bid in the Kansas City market for Kafir for December delivery. There is no question but that Kafir will be much cheaper this fall and winter than it will be next spring and summer.

For the first time in many years our rape hog pasture has lived through the summer. The recent rains have given it a new start and it now looks as though it would make good pasture until freezing weather comes. Usually rape pasture is gone some time in July. Before this year we have never had enough to last the hogs; they would eat it down to the root. This year we had 3 acres for about 50 head, big and little, and it has made lots of pasture.

There are many different ideas as to the value of pasture for hogs. Some try to run their hogs on pasture alone but we never could make that work. We always had to feed some grain to keep them going and we think it always pays to do so. With good pasture we think that grain will make about 30 per cent more gain. Perhaps alfalfa will do better than this but clover, rape and such plants will not.

Shoats are certainly an attractive proposition at public sales. The chance of cheaper corn and the certainty of high-priced hogs make them seem the best of property. In contrast to one year ago all feed crops are low and show signs of going lower while everything in the livestock line is high, so high that it seems it can go no higher. There is money in feeding hogs in four years out of five.

In the Mail and Breeze for September 14, D. W. Hull, of McPherson, says that we did not give the condition of the ground at planting time in comparing listed with top-planted corn. In his section much of the top-planted corn was put in on ground where wheat had failed and this ground seemed to dry out very badly. With us part of our top-planted corn was put in on fall-plowed ground while right beside it was some on spring plowing. That on the fall plowing stood the dry weather better and it will make nearly 10 bushels more per acre than the spring plowing. The fodder growth also was much greater.

The field of 22 acres was composed of three strips all side by side. First came the corn on the fall plowing, about 8 acres, then the strip of spring plowing, about 3 acres and then the listed strip of 11 acres. The quality of the soil is the same all over the field and all of it was worked the same number of times. The listed corn did not start out so well and it did not make so large a fodder growth, but it eared far the better. It is only fair to say, however, that had we had a good rain about July 25, the top-planted corn would have been the better corn. But it did not

stand that 35 days without rain as the listed corn did.

However we are not an advocate of listed corn on much of our soil in every season. Should the season prove a wet one top-planted corn would be better here, but if it should be dry like the last three, listed corn will be better. If we could only know what the season is to be, how much better we could all farm! As it is we have to do the best we can. If the much advertised farm adviser could only put us wise to the weather of the future we could find no word to say against him.

Advice is cheap and easy to give and usually it goes in at one ear and out at the other. The stock advice of the town man to the farmer is to put his machinery under cover and we are not

saying that it is bad advice at all. It just becomes wearisome by constant repetition and it seems to do very little good. There is one piece of advice however, that we should like to pass along and we believe it to be good. It is to lay in a supply of coal now for the winter. It is just possible that coal will be hard to get at times next winter and the roads are almost certain to be bad at times. We have followed our own advice and have laid in our winter's fuel supply so you may see that we sometimes practice what we preach.

There is more or less discussion in regard to what coal is best to buy. For instance, we can get Kansas coal off the car here now for 16 cents a bushel or \$4 per ton. McAlester coal costs from \$6.25 to \$6.50 per ton, while Colorado coal costs \$7.50. Some say that the higher-priced kinds go enough farther to make up the extra cost, but having given all kinds a trial extending over a number of years we do not think so. Two tons of Kansas coal will certainly go much farther than 1 ton of Colorado but it is not so agreeable to burn. It is just a question of being willing to pay for quality. If you like the best quality regardless of price, the high-priced coal is the kind to get but for real heat more can be bought for the same money by getting the Kansas coal at 16 cents a bushel.

The Mail and Breeze has so many new readers that there is always a constant demand for information that has been printed many times. This week we have an inquiry from a reader who asks about the sowing of English bluegrass. This grass also goes under another name which is the correct one, meadow fescue, and it should be sown here in the fall with a press drill at the rate of 10 pounds per acre when a seed crop is wanted. If the grass is wanted for pasture about 15 pounds per acre is the right amount to sow. It can be sown broadcast in the spring but in the fall it should always be sown with a drill. On the ordinary drill if it is set to sow almost 3 pecks of flax it will put on 10 pounds of clean seed per acre. The seed should be clean or it will not feed out of the drill evenly.

### Incomplete Description.

Sir William S. Gilbert was once standing outside his club when a stranger approached him and said:

"I beg your pardon, sir, but do you happen to know a gentleman, a member of this club, with one eye called Matthews?"

Sir William paused for a moment. "I can't say I do," he replied. "What is his other eye called?"—St. Paul Dispatch.

## A Stock Farm that Became a Grave-Yard

A YOUNG Wisconsin man in 1902 had a herd of pure-bred Guernseys worth \$3500 (at today's value that would represent \$7000). It was his only capital. The herd became infected with tuberculosis. He had to slaughter 30 head of cows and two or three valuable bulls. "My farm," he says, "became a great cemetery." Such a blow would have driven most men out of business. But he saved a few cows and kept on, in the face of debt and failure. Today that man, now only forty years old, has a big pure-bred herd, is one of the leading men of his county, and is making 15 per cent on his investment nearly every year. This is one of many stories of personal experience of successful farmers that

## THE COUNTRY GENTLEMAN

(The Oldest Agricultural Journal in the World)

every week from now until February 1st, 1913, for 25 cents—half price

is printing regularly. They are the plainly-told, detailed articles that have ideas worth while for other men. We want you to try THE COUNTRY GENTLEMAN and see whether it isn't the kind of farm paper that you need. It covers the whole broad field of agriculture, your local and personal problems, as well as those of national importance. Here, for instance, are some of the features that we shall print during the next four months:

### Wiped Out By Fire

In New York State alone there were 5800 farm fires last year. They caused a loss of \$1,500,000. Most of them could have been prevented. We shall print a series of articles on fire prevention and protection, covering (1) What farm fire losses represent and how they threaten the average farmer; (2) How to guard against fire; (3) How to put it out if it starts—up-to-date home fire-fighting apparatus; (4) The best kinds of insurance on buildings, crops and livestock impartially compared; (5) Actual facts about farmers' mutual insurance companies that have worked. These articles will show you in a practical way how to strengthen your fire protection.

### Farming By Factory Methods

There are machines now in the market which will perform almost every farm operation. They reduce the cost of production just as modern machines do in factories. How to buy and manage machinery is a vital subject. Most farm machines are sent to the scrap-heap in five years, when they should last ten. We have a series of articles on the right machine and how to use it, contributed by men expert with the various tools and their uses. The modern machinery of plowing, planting, cultivating, harvesting, road-building, spraying, irrigating, dry-farming, will be explained.

### The "200-Egg Hen" and Her Sister

The 200-egg hen is an actuality—not a dream. She exists. But more important to the average poultry-keeper is the average hen. The whole flock can't produce 200 eggs per hen, but its production almost always can be greatly increased. On many a small place the poultry can be made the big asset, instead of a side issue. We have many articles by men and women who get results. They tell the details of breeding, housing, feeding, killing and getting to market.

### \$1106.85 From a One-Acre Garden

A net income of \$1106.85 in twelve months from a little one-acre home garden was the achievement of one man, who tells us how he did it. There is always definite and helpful information on gardening in our *Home-Acre Department*. THE COUNTRY GENTLEMAN will aid the man who is trying to get his living from a little land—or the city man who has not yet given his whole time to farming, as well as for the big commercial gardener. Poultry-raising, bee-keeping, flower-growing and related subjects will be treated regularly by writers who have intimate practical knowledge of the subjects they discuss.

### Homes and Gardens for Women

How to add \$500 to the value of a place by spending \$75 for shrubs and trees; how to plant a garden so as to have blossoms all the season; plans for comfortable country homes at different costs; ideas for building a piazza, a sleeping porch, a dormer; how to make an old house cosier, more convenient and more attractive—how to select the right paper, paints, curtains and furniture—such subjects as these are regularly treated in THE COUNTRY GENTLEMAN by men and women who have actually had the experience and know how to tell about it.

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# Ways-Means-Results

## Worked Out by Mail and Breeze Readers

### Cattle for the Average Farmer.

**I**N building up a herd of cattle the first thing to consider is, whether you are going to raise cattle for beef or for dairy purposes. There are several distinct breeds of each. Experience teaches us there are no dual purpose cattle, and that it is a waste of time and money to keep cattle that we think will fill the bill for both beef and butter.

Let the man who is supplied with large pastures and much land raise the beef cattle. The average farmer with a small tract of land and a small pasture can handle dairy cattle profitably. I say dairy cattle for there is money in a few good butter cows on the small farm where you cannot keep a large herd.

### Difference Breeding Makes.

We should by all means have purebred cattle of whatever breed we prefer. For feed and our time are too valuable to waste on scrubs. It costs a little more to start with purebreds, but the purebred will return more interest on the money invested than the scrub. A purebred steer will weigh just as much at 2 years old as a scrub will weigh at 3 years and will sell at from 1 to 2½ cents more per pound when marketed.

Likewise a purebred dairy cow will produce 10,000 pounds of milk in the same length of time a scrub will produce 4,000 pounds. The purebred will average 5 per cent fat in the milk or better, which would mean 500 pounds of butter fat or 585 pounds of churned butter. The scrub will average about 3 per cent fat which would mean 120 pounds of butter fat or 140 pounds of churned butter. If you sell the butterfat at 23 cents per pound, which was my last year's average, the purebred will produce \$115 worth while the scrub produces only \$27.60 worth.

The calf from the purebred will sell at \$45 at the age of 10 months and the scrub calf at the same age is worth about \$15. I find that it costs \$30 per year to feed a cow and her calf. The purebred would then net you \$130 and the scrub \$12.60 after their feed bill is paid.

### As An Investment.

According to the way cows are selling in this neighborhood you can buy a scrub at from \$35 to \$45 and a purebred at from \$100 to \$150. Supposing you buy one of each. You will find the \$150 you pay for a purebred will yield an interest of 86 2-3 per cent per annum and the money invested in the \$40 cow will net you only 31½ per cent. You can see that if you had had only \$40 to invest, it would have paid you to borrow the additional \$110, even if you had to pay a high rate of interest, for it would be a safer investment and the return on your money would be so much greater.

Put your cows to the test with a scale and a Babcock tester and you can soon find out the quantity and quality of milk that each cow produces. After close investigation you will learn that many of the cows which you are keeping for dual purpose qualities do not pay their feed bills.

### Right Sort of Beginning.

I have been in the same boat. I was raised right here in central Kansas and have lived here all my life. I studied this cow problem for many years until finally I had my eyes opened. As I am situated like the average farmer, with too small a pasture to handle beef cattle, I decided to buy some registered Jersey cows and a bull with pedigrees that showed their ancestors to be great butter cows. While there are several breeds of dairy cattle I selected the Jerseys as they produce richer milk than the average cows of other breeds. I wanted to sell butter fat and I found that the Jerseys came up to my requirements. They are very persistent milkers, giving milk from 330 to 365 days in a year, and producing from 3 to 6 gallons of milk when fresh. For an example, one of my cows gave 51 pounds and 8 ounces of milk in 24 hours, and

averaged 49 pounds per day for nearly two months or nearly 10,000 pounds of milk in one year.

When you buy cattle to build up a herd be sure that you study their pedigrees thoroughly. For like produces like. The pedigree is to show that the animal is purebred and also the production of the ancestors. When I buy a bull I want to be sure that his dam is a good one and when I buy a cow I look for all the good points in her sire. For it is almost certain that they will cross. Now



The Jersey bull Urvaine of Rosalpa, 86551 A. J. C. C., owned by V. E. Swenson of Rice county. In his article on this page, Mr. Swenson recommends to the man who cannot buy purebreds altogether that he get a purebred sire whose dam had a good butter record and cross his best milkers with him.

don't think that I neglect the rest of the pedigree but as these are important points I call your attention to them.

### If You Can't Buy All Purebreds.

I did not start with purebred stock altogether. I had picked up a half-breed heifer now and then before I bought the registered stock. I find these to be very good milkers, but for lack of pedigree their calves will not sell for half as much as the purebred.

I built my first silo, 80-ton capacity, last year. It took 18 acres of corn to fill it, last year being one of the driest years that we have experienced in this part of the state. This year it took only 13 acres of corn to fill the same silo. I think the silo is one of the best things to boom the livestock industry in Kansas. I find that 80 tons of ensilage and a little alfalfa will maintain 20 head of cattle 6 months. Consequently, 40 head of cattle could be fed the year around on a quarter section of land with two 160-ton silos, and still give us a chance to rotate our crops. It does not pay to keep good land, that can be tilled, for pasture when it takes 3 or 4 acres to feed a cow decently. Where land is valued at from \$50 to \$100 per acre it

acre, I plowed the ground about 5 inches deep, harrowed the ground twice and drilled the oats in. The drill was set to sow a little more than 3 bushels per acre. The seed was sown the second week in April. The oats are the White Cushman. The number of bushels I got off of the field was 816 bushels, weighed on my own new McDonald scales. As to the number of acres, I took the number from the drill register which has been very accurate. I expect to have the field measured just as soon as John Sullivan, the real estate agent, can get time to do so. Everyone says it is the heaviest yield of oats they ever saw. Will send you more particulars later.

F. M. Hawk.

Effingham, Kan.

### Deep-Tilling Machine's Work

A. H. Leatherman, a Mail and Breeze reader at Moundridge, writes as follows concerning one of the new deep-tilling machines which he is using on his farm:

"I have raised no crops as yet on the deep-tilled ground except a small patch of potatoes. The potatoes came up very thin but many of the vines are still green. It is the only patch I know of where the vines are still green and thriving. The potatoes are fine too. I believe the moisture question is correct and I also believe the machine will do the work that it is designed for, but the draft is heavy and the work very slow. I plowed about 9 acres for wheat this fall. I also believe many of the weeds will be destroyed by such deep tilling. I only plowed 3 to 14 inches deep and a slice 6 to 10 inches wide. The draft was very heavy for four horses.

"I believe the mixing and pulverizing of the soil as done by the machine, is very near thorough. I am a little doubtful whether such a deep-tilling will pay the first or second years. I should like to know more about the results myself."

Undoubtedly a brief experience with the deep-tilling machine can indicate only in a very general way what the benefits are likely to be. It seems bound to become a valuable machine. The only present drawback to its use is the matter of draft. Sooner or later we shall have to come to the kind of plowing the deep-tilling machine was made for.

### Effective Treatment For Rats

Mr. Editor—When I came to Topeka 28 years ago, the neighborhood where I built my house was overrun with rats. I tried the formula given below and in a week the rats had disappeared from the entire neighborhood. Since that time they have reappeared at intervals of from 8 to 10 years but in each case they disappeared after partaking of a couple of meals of this plaster of paris diet: To ½ pint of dry cornmeal add a heaping teaspoonful of odorless plaster of paris, a teaspoonful of granulated sugar, and ½ teaspoonful of old, pungent cheese crumbs rubbed fine. Thoroughly mix dry, put in a clean saucer and set it in a place frequented by rats. Throw away what is left next morning, wash the saucer and repeat daily. By this means the rats have been kept out of my premises for 28 years at a cost of less than 15 cents for all ingredients. I believe that if every reader of Farmers Mail and Breeze would try this rat remedy, a barrel of plaster of paris, a half barrel of sugar, and a single cheese of proper strength would banish all the rats and mice in the state.

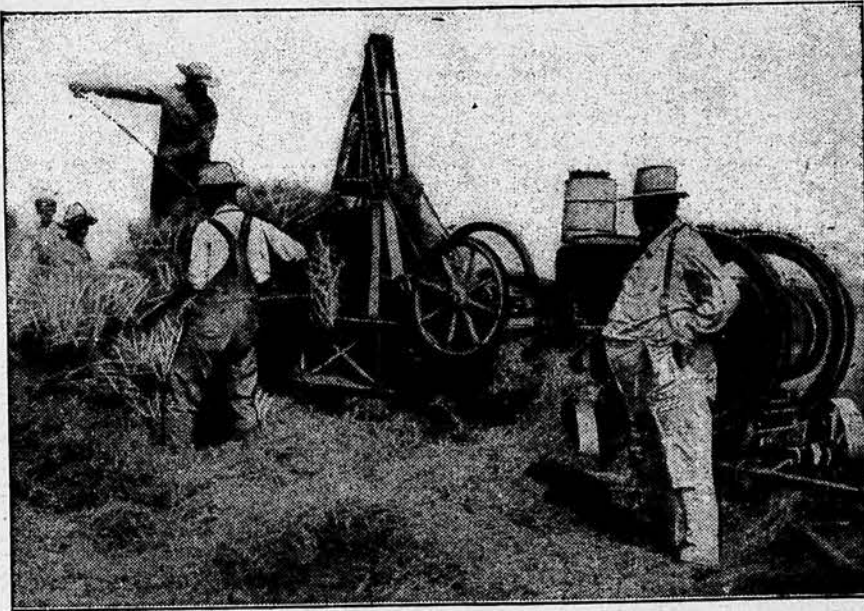
George A. Huron.

Topeka, Kan.

### Kansas Hay For Panama

Osage county, Kansas, makes a specialty of prairie hay. It lies in what is known as the state's prairie hay region, and thousands of cars of "prairie" will be shipped out this year, most of it going to the Panama Canal. In fact the hay business is such an industry in Osage county that commission firms not only engage in shipping the crop but own and operate hay farms. The Carlisle commission company will ship between 700,000 and 800,000 tons of Osage county

(Continued on Page 39.)



Baling prairie hay for the Panama Canal in Osage county. Eight-horse-power gas engine and baler turning out 100 bales an hour on "Tom" Herzog's farm. Mr. Herzog has 1,400 acres of hay land.

My advice to anyone who wants to get better acquainted with the dairy business, and doesn't feel that he can afford to buy purebred stock altogether, is to purchase a purebred sire whose dam has a good butter record and cross his best milkers with him. You will find that a heifer from the first crossing will show a wonderful increase in both quality and quantity of milk. I have known such a heifer to produce twice as much milk as her dam. These are some of the astonishing facts which opened my eyes.

Farmers Mail and Breeze tells how he prepared for and handled this crop:

"These oats were sown on black clay loam which had been run down by corn. Corn had been planted year after year and the ground was level so it did not wash much. I bought the farm and raised three crops of wheat off of it, then sowed it down to grass and pastured it for four years. Next I broke the ground up and raised one crop of corn. I then manured the ground all over with a manure spreader set at 10 loads per





## Ten Eyck's Replies

TO FARM QUESTIONS

Conducted for Farmers Mail and Breeze by  
A. M. Ten Eyck, Superintendent Fort Hays  
Branch Experiment Station, of Kansas  
Agricultural College, Hays, Kansas.

### Storing Moisture Through Winter.

I have a piece of stubble ground in which I wish to store up moisture through fall and winter. Will such moisture stay within the reach of the corn roots for next summer? I thought of listing and then running a three-section harrow with the center section taken out, across it to fill the furrows every 4 or 5 feet, so the water could not run off. Would this be a wise plan? I would then fill the furrows in spring and list the opposite way to corn.—D. H. D., Marion county, Kansas.

Your plan for storing moisture is a good one. In my judgment the listing method of opening the ground in furrows to receive the rainwater for storing it in the subsoil for later use is the best method for conserving soil moisture. The plan of damming the furrows at intervals by harrowing crosswise in order to prevent the water from running off the field is a new idea to me and one which I have not practiced, but if the land is sloping with the furrows, such a plan would prevent to some extent the loss of water by drainage in heavy rains. A better plan perhaps would be to list across the slope, then each of the lister furrows will tend to stop the flow of water toward lower levels and cause it to sink into the soil.

Moisture which is stored in the subsoil in this way is not likely to be lost for the use of the crop. If the soil's capacity for storing water is limited by a hardpan layer a few feet from the surface as sometimes occurs, then the soil might become too full of water and drainage would carry away the surplus, or if the soil is underlaid by gravel or sand it is possible that the rainwater may sink away into the sand and gravel and be drawn off by underdrainage so that it will not be available for growing crops the next season. Ordinarily, however, where the soil is deep and of a loamy or clayey texture the water stored in the subsoil will be retained and will become available when the crop needs it.

I am mailing circular letter and other matter giving some further information.  
A. M. Ten Eyck.

### Is Smutty Cane Dangerous Feed?

Others as well as myself would be thankful for some information through Mail and Breeze on whether it would be dangerous to feed smutted cane to stock, especially breeding stock. My cane last year was full of smut, so got seed elsewhere and double sowed it in an old orchard that had not

### HARD TO SEE

Even When the Facts About Coffee Are Plain.

It is curious how people will refuse to believe what one can clearly see.

Tell the average man or woman that the slow but cumulative poisonous effect of caffeine—the alkaloid in tea and coffee—tends to weaken the heart, upset the nervous system and cause indigestion, and they may laugh at you if they don't know the facts.

Prove it by science or by practical demonstration in the recovery of coffee drinkers from the above conditions, and a large per cent of the human family will shrug their shoulders, take some drugs and—keep on drinking coffee or tea.

"Coffee never agreed with me nor with several members of our household," writes a lady. "It enervates, depresses and creates a feeling of languor and heaviness. It was only by leaving off coffee and using Postum that we discovered the cause and way out of these ills."

"The only reason, I am sure, why Postum is not used altogether to the exclusion of ordinary coffee is, many persons do not know and do not seem willing to learn the facts and how to prepare this nutritious beverage. There's only one way—according to directions—boil it fully 15 minutes. Then it is delicious." Name given by Postum Co., Battle Creek, Mich. Read the little book, "The Road to Wellville," in pkgs. "There's a reason."

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

been plowed for 30 or 40 years. One-fourth to one-third of the crop is smutted.—R. C. M., Neosho county, Kansas.

I have never heard of livestock being injured by feeding smutty cane or Kafir but I would not advise feeding smutty cane to mares in foal. The fodder fed to young cattle or horses, or to work horses, should produce no ill effects.

Smut is a fungus which grows in the cane plant and forms its seed or spores in the seed or head of the cane. There are two types of sorghum smut, the grain smut and the head smut. The sample which you sent is grain smut. The grain smut occurs from the seed being infected with smut spores and may be prevented by treating the seed with some poison such as formaldehyde, in order to destroy the smut spores. I am mailing you circular containing instructions regarding this treatment.

The full history of the head smut, so-called, is not definitely known. Possibly the infection may occur in the field and hence this smut may not be prevented or at least not entirely prevented by treating the seed before planting.

The method which I have used to prevent smut in cane or Kafir is to select the best seed heads from the field early in the fall before the crop is out, taking care to select heads which are not near other smutted heads. If these heads are hung in a dry place and kept from coming in contact with cane smut, the crop from such seed will be practically free from the disease. I practiced this method at the Agricultural college at Manhattan for a number of years and not only eradicated all the smut from seed which originally contained it but the varieties remained free from smut. Such a practice not only eradicates smut but improves the variety. It is just as practicable and just as advantageous to select Kafir and cane heads in the field for seed as it is to select the best ears of corn to provide seed for planting another year.

It is my opinion that the new seed which you bought last spring was also infected with smut or you would not have had a smutty crop.

A. M. Ten Eyck.

### A Way to Destroy Bindweed.

I have a field of wheat that is badly infested with bindweed, morning glory. What shall I do to get rid of it?—N. B. H., Willis, Kan.

We are greatly troubled with bindweed on this Experiment station farm. It is the most difficult weed to eradicate which I have ever experienced. I have not yet discovered a practical method for quickly or fully destroying bindweed on large areas. In small patches, the weeds may readily be destroyed by salting, but this poisons the soil and makes it barren for several years.

The method which I am using at this station is gradually checking the weeds and will, I believe, eventually destroy them. It consists of deep, late fall or winter plowing (the freezing of winter destroys some of the roots, and weakens the plants), followed in the spring by frequent surface cultivation with a blade or sweep cultivator, the plan being to keep the weeds from making any top growth; having the ground perfectly clean, seed to cane late in June, sowing the cane thickly, broadcast or in close drills, with the object of smothering the weeds with a thick growth of cane. Late in the fall plow again 7 to 8 inches deep and repeat this treatment for several years in succession if necessary. The weeds will finally become weak and non-resistant. The last few may be destroyed by digging them out with a spade. I am mailing circular giving some further information regarding bindweed eradication.  
A. M. Ten Eyck.

### August Records for Cattle.

August, 1912, will be remembered by cattlemen as the month in which all price records were broken for native steers. In Kansas City the top was \$10.60. Without a doubt this high mark will be lowered before the end of the year, as there is nothing visible to head off the upward trend of the market for several weeks to come. Records of the Kansas City market since 1880 show that only once during these 32 years has the price reached two figures. That was in December, 1909, when \$10.50 was the top. During the same 32 years the lowest figure at Kansas City was \$4.20, recorded for May, 1896.



\$975 F. O. D.  
Detroit

Long-stroke motor, 3 1/2 x 5 1/2 inches  
Enclosed valves  
Three bearing crank shaft  
Unit power plant  
Multiple disc clutch  
Three speeds forward  
Sliding gears  
Full floating axle  
Central control

Zenith carburetor  
Bosch magneto  
106-inch wheelbase  
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**Send for the book which shows why we believe the Hupmobile is the best car in its class in the world.**

When you have read the book, we believe you will agree with us that 1913 has produced no car more meritorious.

You know, of course, that two cars sold at the same price can be far apart in real value.

And you are aware that the difference in value arises from what is in the car; not what is on it.

In the matter of men, machinery, material, and manufacturing methods we claim kinship for this car with the very best.

In the matter of watchful workmanship; and processes calculated to produce precision we claim first honors in the Hupmobile class.

We believe the Hupmobile to be a car of longer life and less friction; a car of fewer repairs; a car of greater care in small details; a car of greater efficiency and greater value.

We have pictured in booklet form a volume of evidence which we believe establishes our case; and we want you to see and read it.

We also want you to see and ride in the car—samples are now in the hands of Hupmobile dealers.

**Hupp Motor Car Company, 1287 Milwaukee Ave., Detroit, Mich.**

**Gold Medal RUMELY OIL PULL TRACTOR**

**Sweepstakes**

**Winner! Winner!! Winner!!!**

The Rumely Oil Pull Tractor won the GOLD Medal and Sweepstakes at the Winnipeg Tractor Contest.

### We Prove what We Claim

Oil Pull "E"	Rated	Delivered
Drawbar h.p.	30.	42.
Brake h.p.	60.	76.5
<b>Oil Pull "F"</b>		
Drawbar h.p.	15.	22.4
Brake h.p.	30.	37.

It plowed at a FUEL COST of less than 34c. an acre (Canadian prices)—17 per cent. cheaper than the nearest competitor.

It won both the brake tests, also the plowing test—all the tests—**AGAINST ALL COMPETITORS.**

It proved itself to be the MOST ECONOMICAL FARMING ENGINE IN THE WORLD.

*Cheaper Than Steam or Horses.*

**Get an OIL PULL now for your fall plowing and all other fall and winter work. Get ready now for an early start next spring.**

*Better send postal at once for catalog and complete information.*

**RUMELY PRODUCTS CO., Inc.**  
Wichita. Lincoln.  
Kansas City.



An Oil Pull Ploughing in the Snow.



# CAPPER BOYS CORN CLUB

Founded 1907

by Arthur Capper

## OFFICERS.

President—Orville L. Dennis, Leona, Kan.  
First V. P.—Walter Doolittle, Lawrence.  
Second V. P.—Vernon Paine, Admire, Kan.  
Third V. P.—Ray E. Rudy, Soldier, Kan.  
Fourth V. P.—Everett Farrar, Frankfort.  
Secretary—A. L. Nichols, Topeka, Kan.  
Treasurer—Abner Lundquist, Lindaborg.

The Fifth Annual Show of the Capper Boys' Corn club will be held this year on Saturday, December 14, at Topeka. Of course it will be the biggest and best yet. The boys all say so and their reports prove it.

This year there will be special state contests for members of the club in the states of Kansas, Nebraska, Missouri and Oklahoma. The Capper boys will compete in each of these states for \$100 in cash prizes apportioned as follows: In each of these four states a cash prize of \$50 is offered for best yield from an acre; \$25 for best ear of corn grown from seed of a boy's own raising (this is to encourage the Capper boys to breed up their corn); and \$25 is offered for the champion single ear. Making a total of \$100 cash for prizes in each of the four states.

## Then a Champion Cup.

The boys in the contest outside of these states will compete for a \$25 silver cup to be awarded to the one growing the best ear of corn this season in any of the other states. This cup is a special championship trophy and the winner's name will be engraved on it.

The rural schools of Shawnee county will compete at the Capper Boys' Corn Show for a handsome American flag, 5 by 9 feet, to be awarded to the school making the best 10-ear exhibit by 10 exhibitors, all pupils of the school. And all the Shawnee county boys, 20 years old or under, may compete at the show for \$50 in cash prizes, \$25 to be offered for the champion ear grown in Shawnee county this year by the exhibitor, 15 for second-prize ear and \$10 for third-prize ear. All ears submitted in the Shawnee county school contest will also be entered for prizes in the Shawnee county cash prize contest, the cash prizes to be awarded to the boys producing the corn. The flag only goes to the school.

In none of the contests may any boy win more than one of the prizes, it will be the highest to which his corn will entitle him. All contestants will be entitled to take part in corn contests other than the Capper contests. The Capper boys are urged to participate in as many corn shows at home and elsewhere as possible.

## When to Send Corn—Acre Reports.

Reports in the Capper Boys' acre-yield contest are to be made on or before December 1, 1912, to the Secretary of the Capper Boys' Corn Club, Topeka, Kan. A blank form for the acre report will be sent to every boy who writes for it.

The boys who will compete for the single-ear prizes are to ship their corn to the Secretary of the Capper Boys' Corn Club, Topeka, Kan., not later than December 7 and not before December 1. Directions for shipping the corn will be published next month.

All Kansas boys who expect to take part in the Capper Boys' Fifth Annual Corn Show, Saturday, December 14, or who are members of the club, are entitled to have their expenses paid to and from Topeka to attend the show and the club's annual reunion to be held the same date. If you think you can attend please notify L. J. Van Laeys, Capper Building, Topeka, Kan., immediately.

## Best Corn in Their Neighborhoods.

The boys have had to fight dry spells and grasshoppers this year, but as a rule have had the best corn in their respective neighborhoods. Ed Unruh of Greensburg, Kan., out in the shortgrass country reports he got a perfect stand for that section. He writes:

"I planted it the first days in May. I listed it in and used white seed. I harrowed it twice after it was up about

two weeks and when it was about 18 inches high I cultivated it once. That is all the work it has had. The prospects are for a fair yield."

## Boys' Corn Show at State Fair.

One of the two best corn growers from Woodson county who participated in the boys' corn show at the recent Hutchinson State Fair was young T. L. Bayer, son of J. T. Bayer of Yates Center, one of the best stock farmers and swine breeders in Kansas. The young man has written the following account of the show for Farmers Mail and Breeze, writing from Manhattan, where he is now attending the Agricultural college:



"The trip of the boy corn-raisers to the Kansas State Fair at Hutchinson, September 16-21, was a great success. Two of the best corn growers in their respective counties, between the ages of 13 and 21, had all their expenses paid, including railroad fare going and coming, and board and room and free entertainment while at the fair, by the fair association. A. L. Sponsler, the secretary of the fair association, was the man who instituted and pushed the contest. He was greatly aided by President H. S. Thompson and F. E. Fearl, chairman of the Corn Contest committee, and Lieutenant C. A. Bainum, Kansas National Guard. Lieutenant Bainum was in command of the camp set up on the fair grounds, where all the boys ate their meals. These were prepared by Company E's cook, J. M. Beers, who is a good one.

"The boys slept in large Sibley tents and each one had a cot to sleep on. Every morning at 6 o'clock the bugler blew 'reveille' and at 6:30 mess was served. When each boy had eaten breakfast he washed his own plates, cup, knife, fork and spoon and the program of the forenoon was announced by the lieutenant, or any of the boys could read it on the bulletin board which was placed just outside of the lieutenant's tent.

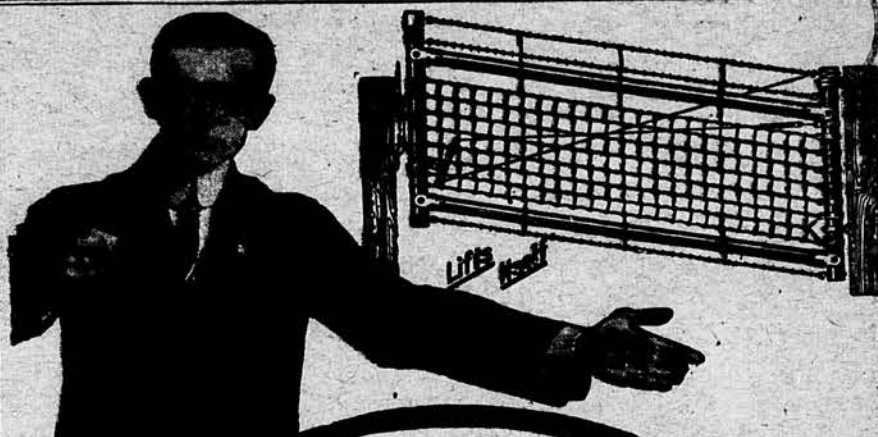
"Each day the boys could attend the fine stock judging, which took place from 9 o'clock till noon and from 1 o'clock till 6, or see the races, balloon ascension or the wild west show, as their tickets admitted them free. On Wednesday morning the boys were all taken for a free car ride to the country club and back to the fair grounds and each day during the fair there were plenty of free attractions for them.

The visit to the fair will long be remembered by all of the boys and they are grateful to the men who did so much to make it worth while and show them so good a time." T. L. Bayer.  
203 North Fourteenth street, Manhattan, Kan.

## Has 40 Acres of Corn.

Mr. Editor—My corn is fine except 15 acres, where I didn't get a good stand. I have 40 acres the drouth hurt some and 15 acres of late corn. My wheat made about 20 bushels per acre and I had 40 acres. In the spring I disked my corn ground well, then listed it and planted my corn with a two-row planter. I harrowed it two times, then I had a pair of little shovels made, about a foot long and 2 inches wide and ran them right alongside the young corn and they were all right, too. My seed was the White Pearl and it tested 98 per cent.

William Ledom.  
Edgerton, Kan.



## I Guarantee My American Self-Lifting Galvanized Steel Gate to Outlive Any Other Farm Gate Ever Made!

I figure to sell you but one American Self-Lifting Galvanized Steel Gate for each opening—you will never need a second gate for the same opening. When you equip an opening with my gate, your gate trouble is ended so far as that opening is concerned. You will never need to replace it—the frame, couplings, hinges and spring will never need repair. This I guarantee.

## The American Self-Lifting Galvanized Steel Gate

has, and is, ending gate trouble for the leading railroads, farmers, ranchmen everywhere—and is used and indorsed by the U. S. Government. It is **hog-tight and bull-strong**. It has won First Prize at every State Fair wherever exhibited. It is the **guaranteed Perfect Farm Gate**—not Automatic, but Self-Lifting. It is made of two-inch high-carbon drawn steel tubing—heavier and stronger than any other gate made and all couplings are made of the same steel. Other gates use cast couplings. They break and you know it. It is galvanized. It is five feet high (most other gates are four and one-half feet high). It is adjustable and will swing over uneven ground or snow. It sits plumb on sagging or knotty posts. It has both Ratchet and Loop lock and is therefore hog-tight and bull-strong. It will not sag or drag. It is made to full size of fence opening. Its hinges are suitable for all standard wood posts (for concrete or stone posts proper hinges are supplied). It can be opened with ease by woman or child. It is securely and strongly made. It is the one perfect farm gate. **USE THE GATE THREE YEARS** and if you do not find it to be exactly as your dealer and my Company represent it, return the gate and get your money back. Write me today personally for dealer's name and my free illustrated descriptive gate booklet.

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1453 Elmwood Ave., Kansas City, Mo.

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Food Chopper  
No. KK11  
Price \$1.50

Kraut Cutter  
No. K115  
Price \$1.50

## Easier Kitchen Work

More attention than ever before is being given to outfitting the kitchen properly. Food and meat choppers, cleavers, cutters—all are as essential in the modern kitchen as pots and pans. They are actual money savers, too. You will find them included in

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They give a housewife genuine pride in her kitchen, besides making the work lighter, more quickly done, less tiresome. Everything you need for your kitchen down to can openers, can be had with the Keen Kutter trademark—a guarantee to you that

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Cleaver  
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Also Disc Harrow and Broadcast Seeder Cultivates the ground and sows the grain at the same time. Just what the Western farmer needs now. One or more can be attached to a traction engine. Write for full information, and price delivered at your railroad station. Hundreds of testimonials from prominent farmers. Send for our free implement catalogue. Address

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We sell direct to the farmer only.

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Something New



## Insure Your Hogs Against Disease

As long as you do raise hogs—see to it that they are always kept in good health. Hogs in good condition are not likely to become diseased—get worms or have cholera.

### Lewis' Lye

Get the  
name with  
the  
Cracker  
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The Standard for Half a Century

is the best and by far the cheapest preventive and hog conditioner known and as such gives the greatest satisfaction. Lewis' Lye is—

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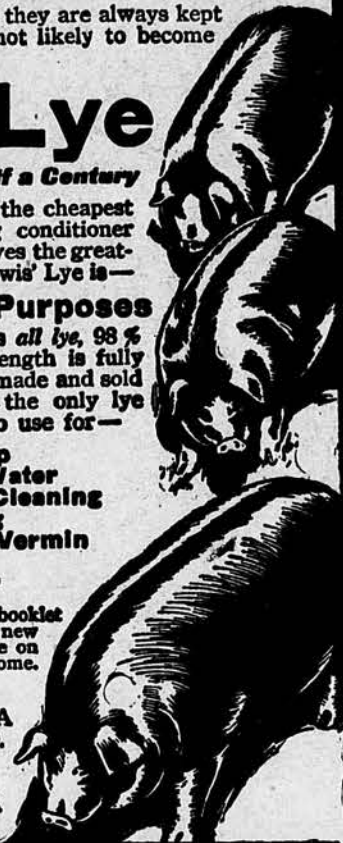
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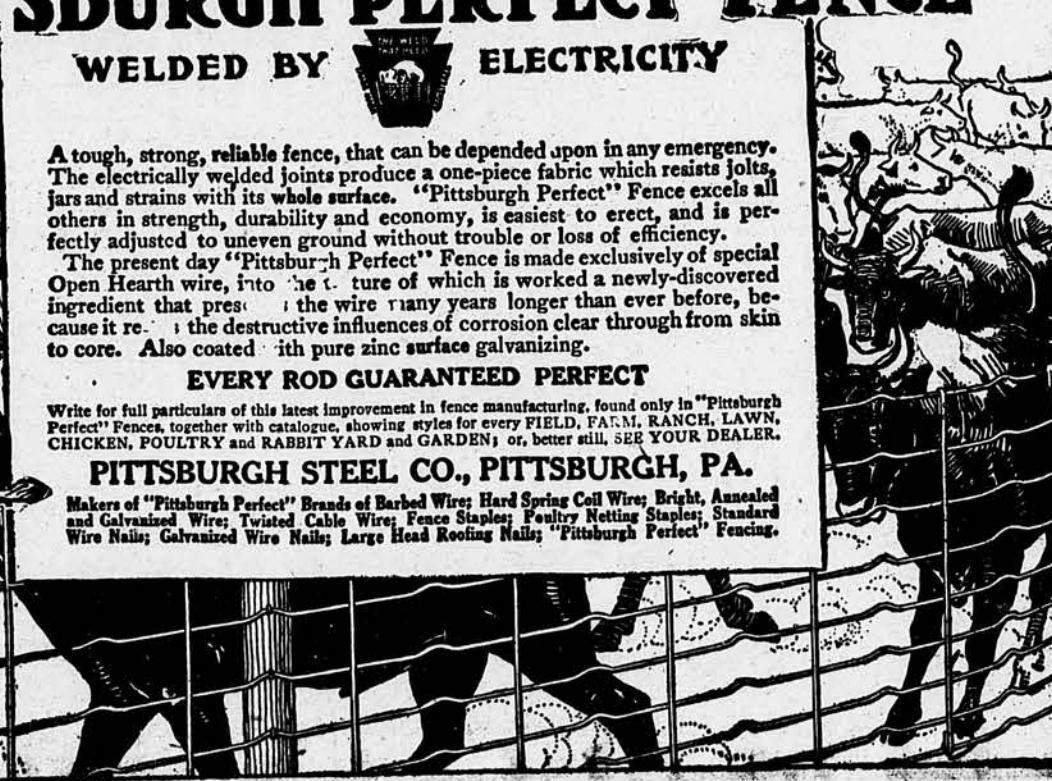
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## Feeds & Feeding

QUESTIONS ANSWERED  
by Prof. G. C. Wheeler  
(Address queries to Farmers Mail and Breeze)

All Matter Contributed to this Column by Prof. Wheeler, Expert in Animal Husbandry, Extension Service, of Kansas Agricultural College, Bears His Signature.

#### Best Feeds for Pushing Hogs.

I should like to know what you think is the best feed to fatten hogs for market in the shortest possible time. Also what is the best feed to make shoats grow and put on weight at the same time? Do you think cottonseed meal is good for that purpose?—Mrs. W. S., Hazelton, Kan.

Cottonseed meal is not a safe feed to use in fattening hogs. For some unknown reason hogs fed upon this meal for any length of time invariably sicken and die. From the results of our experimental feeding here at the station we have found the best ration for fattening hogs in the shortest time to be a mixture of 62 parts corn meal, 30 parts shorts and 8 parts meat meal or tankage, the last mentioned being a packing house by-product containing a high percentage of digestible protein. This same ration will give equally good results when fed to young, growing shoats. In case it is not desirable or convenient to have the corn ground, the shorts and tankage may be mixed together and fed to the hogs in the form of slop at the rate of about 2 to 2½ pounds daily per 100 pounds of hog. They should then be fed practically all the shelled corn or ear corn that they will clean up with a relish.

G. C. Wheeler.

#### Providing Pasture For Swine.

We have 4 acres of good ground that was sown to alfalfa three years ago. We have two brood sows and 11 gilts which will bring spring pigs and I would like to know the best way to handle this 4-acre patch so as to furnish plenty of pasture with Kafir as their grain feed.—A. B. S., Braman, Okla.

In the absence of sufficient alfalfa pasture you will have to depend on annual crops on this 4-acre patch to supply sufficient forage for your hogs. It would be a good plan to have it divided into two or three lots. Rye will make very early spring pasture and if seeded early enough in the fall it might supply some fall and winter pasture. In the spring Dwarf Essex rape can be sown early in the season on a well prepared seedbed at the rate of about 5 or 7 pounds of seed to the acre. The rape will germinate at a low temperature, consequently can be seeded very early in the spring. It should not be pastured until it has reached a height of 8 or 10 inches. It is sometimes desirable to sow oats with the rape. After rape has been pastured down it will spring up and make a second growth if

the hogs are removed for a short time. If different lots are seeded at different periods of time the hogs can be shifted from one to the other of the lots, and thus a greater amount of forage would be secured than where they are confined to a single lot. G. C. Wheeler.

#### Feeding Kafir and Milo to Stock.

Mr. Editor—Cattle and hogs fattened on Kafir and milo alone gain well for 30 days when their hair begins to get rough and they steadily grow unthrifty. It is impossible to finish animals well on these grains alone. The reason is that they are constipating. Feed Kafir or milo with any laxative feed and all kinds of farm animals thrive on it for months. Fattening cattle and hogs will make good gains steadily and can be well finished. To make the best gains and to finish smoothly, fattening cattle should be fed 12 to 20 pounds of good alfalfa hay with each bushel of Kafir or milo. Fattening hogs should have 5 to 8 pounds of leafy alfalfa hay for each bushel of Kafir or milo eaten. Silage will secure the necessary laxative effect when these grains are fed to fattening cattle. H. M. Cottrell, Agricultural Commissioner Rock Island Lines.

#### Pasturing Cattle on Cornstalks.

This is the time of year that cornstalk disease, or poisoning from frosted or second growth cane, is dreaded by the man with cattle. No one can tell whether a stalk field will prove dangerous or not. The safest plan is to turn in two or three head of cattle and watch them for a few days. "Even then," states Dr. L. L. Lewis, Oklahoma's state veterinarian, in discussing this subject, "I should not consider it safe to turn large numbers of cattle into the stalk fields and let them remain there continuously. All fields are not equally dangerous even in the same neighborhood. The majority of losses occur soon after the stock is turned into the field, often within a few hours, and generally without any bloating. Such conditions naturally suggest poisoning. Where impaction instead of poisoning is the cause of loss," says Dr. Lewis, "the animal may linger from two to six days and bloating may not occur. These cases offer opportunity for treatment. "Some advocate feeding well with hay before turning cattle on stalks, and then allowing the stock to remain for only one hour or so, the first few days. If no losses occur the length of time may be gradually increased until the stock is pastured continuously in the fields. Stock should have an abundance of water and salt, especially when pasturing on stalk fields.

#### Horse Vaccine May be Had Free

It looks as if the biologists of Kansas Agricultural college at the field station at Hoxie, Sheridan county, have found an effective vaccine for prevention of the horse disease. Of 2,030 horses treated with it in the plague district, only 19 have died. As nearly half of these horses were from herds in which animals had previously died, Dr. Schoenleber seems well warranted in believing this is sufficient evidence that the vaccine will be a valuable help in stamping out the disease.

The vaccine will be shipped into the infected districts free but a community must select a committee that will be responsible for its proper distribution and administration. This committee must get the services of a competent veterinarian. The committee also must agree to send a full report of the results obtained with the vaccine to the state veterinarian at the college. In communities where there are no graduate veterinarians J. H. Mercer, livestock commissioner at Topeka, will furnish a qualified man. It is very important that the vaccine be applied by men who know their business. When properly applied it cannot injure a horse, but if administered carelessly it may do harm. Orders should be sent either to the agricultural college at Manhattan or to the state live stock sanitary commissioner at Topeka.

#### He Was Employed.

"Sam, have you got a job now?"

"Oh, yes, sah."

"What are you doing, Sam?"

"Why, I's gettin' my wife washin', boss."—Yonkers Statesman.



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Automobile Training School graduates are in demand. The letters reproduced below are from the Studebaker Automobile Company, the Winton Motor Car Co., and others regarding the efficiency of our graduates. We will gladly send you letters from our graduates, many of whom formerly earned only day wages, but who now have responsible and good paying positions. Many are in business for themselves and making big money. It is a fact easily proven that the Automobile Training School of Kansas City has many times more graduates holding responsible positions than all other Automobile Schools in the west combined.

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Automobile Training School,  
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Yours very truly,  
**THE STUDEBAKER CORPORATION,**  
By J. L. Purcell,  
Manager Retail Dept.

**WINTON MOTOR CAR COMPANY**  
Manufacturers of  
WINTON MOTOR CARS  
"Winton Six"  
Kansas City, Mo.

Automobile Training School,  
Kansas City, Mo.

Dear Mr. Rahe: Our master mechanic at the Kansas City Branch, Mr. Huckins, is an auto expert in every sense of the word. He tells me he owes everything to your practical training school. It is a pleasure to see the splendid work you are doing. The business needs more trained automobile men. Yours truly,  
**THE WINTON MOTOR CAR CO.,**  
By Geo. Arbuckle, Mgr.

**W. R. DEMSTER**  
High Grade Auto Repairing.  
Kansas City, Mo.

Mr. H. J. Rahe, Pres.,  
Automobile Training School,  
Kansas City, Mo.

Dear Mr. Rahe: There isn't any question in my mind that your automobile school is the best in the country.

I for one automobile repair man, would not think of having a student who came from any other school.

Yours very truly,  
**W. R. DEMSTER.**

**THE ADMIRAL GARAGE AND REPAIR WORKS**  
Kansas City, Mo.

Mr. H. J. Rahe, President,  
Automobile Training School,  
Kansas City, Mo.

My Dear Mr. Rahe: For the past three years nearly all of our mechanics have been graduates of your school. It is a pleasure to state that they handle delicate repair work on magnetos and coil boxes like factory experts. It has often puzzled the writer that such expert knowledge could be drummed in a man's head in such a short time.

Wishing you continued success, we remain, Yours very truly,  
**ADMIRAL GARAGE, W. A. Slusher, Mgr.**

**SCHERRER AUTO REPAIR CO.**  
Automobile Specialists  
Automobile Training School,  
Kansas City, Mo.

Gentlemen: The other night at a meeting of the Automobile Repairmen's Association, the members in general discussed the plan whereby they could hire competent Auto Repairmen.

It was then that I learned that nearly every garage repair shop and agency in Kansas City are hiring your students exclusively.

Hereafter when we are in need of competent help we will communicate with you. Yours very truly,  
**THE SCHERRER AUTO REPAIR COMPANY, By Chas. J. Scherrer, Mgr.**

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The Automobile Training School has no pretty picture books, and offers no charts or correspondence courses. These things don't teach you the automobile business so that you can go out and get a big salary. All our students received individual practical instruction under practical conditions on real up-to-date automobiles. The progress of each student is carefully watched by our instructors.

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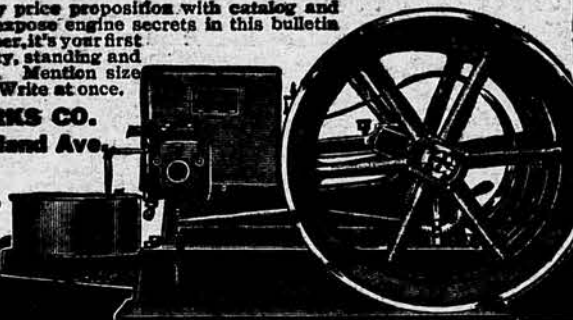
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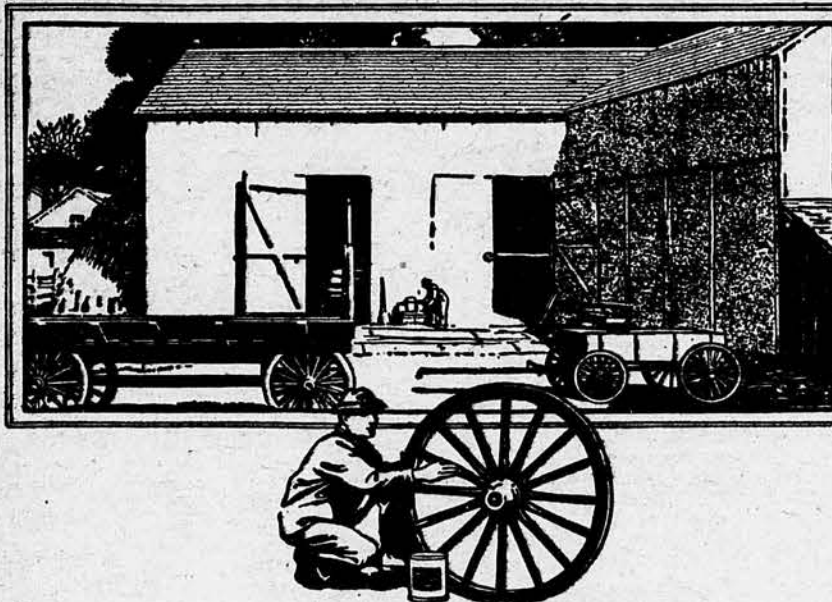
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## VETERINARY ADVICE

Conducted for Farmers' Mail and Breeze  
BY DR. F. S. SCHOENLEBER,  
Professor of Veterinary Science,  
Kansas Agricultural College.

Our readers are invited to consult Dr. Schoenleber in an advisory way in case of trouble with livestock. Be sure to state the history of the case, location of the disease and the conditions under which animal has been kept. If a horse state weight. Also write across the top of your letter to be answered in Farmers' Mail and Breeze and always sign name in full. Unsigned inquiries will not be answered. Answers will be published in turn.

### Symptoms of Hog Cholera.

My sows and pigs seem to have fever and are constipated, also a slight hacking cough. In fact as near like a person with a severe case of "grippe" as anything I can describe. People around here call it the swine plague. Have not lost any as yet and they all eat fairly well. A good many farmers around here are losing their entire herds with this trouble and again others with only lose a few.—E. D. S., Cedarvale, Kan.

The symptoms you describe correspond to the symptoms of hog cholera. I would suggest that you examine some of them that die to see if you can find any lesions in the kidneys, intestines, or lungs. If you wish, we will send you our bulletin on hog cholera.

### Pigs Have Fits.

Pigs 2 months old are fed on separated milk and some corn. They are bound up and every time I feed them they fall over and have fits. I have lost eight.—E. C., Goodland, Kan.

You do not state how soon after separating you give the milk to your hogs. I have heard of cases where the froth on the milk that is fed direct to the pigs from the separator caused trouble. This may be the trouble with your pigs. I would suggest that you let the milk stand for an hour to an hour and a half after separating. Also put some Epsom salts in the milk. Put in a sufficient quantity to cause the hogs to be fairly loose.

### Mare That Slobbers.

I have a 4-year-old mare weighing about 1,100 pounds that slobbers while eating. I am feeding her threshed milo dry, also soaked corn. I work her about half time and she runs on good grass the rest of the time. What can be done for this?—R. E. E., Cess, Kan.

Slobbering is sometimes rather difficult to overcome. Sometimes it is due to faulty teeth. At some other times it is due to the feed. Have the teeth examined by a competent veterinarian and put in shape if it is necessary. Change the feed if possible and give a tablespoonful twice daily, of the following condition powder: Oil meal, 1 pound; charcoal, 2 ounces; gentian, 2 ounces; pulverized ginger, 2 ounces; licorice root, 2 ounces.

### Heifer Ejects Food.

I have a 2-year-old heifer that has been sick for 3 weeks. Where the heifer lies at night she throws up wads of thin grass. She has a cough. Left ear lops over.—F. C., Fort Scott, Kan.

It is difficult to tell the trouble with your cow without making a thorough examination. I suspect there is some obstruction to the food passing from the stomach to the intestines. It may be possible that it is an obstinate case of constipation, or it may be due to a hair ball or some other foreign body obstructing the outlet of the stomach. It is also possible that it may be tuberculosis and I would suggest that you have the tuberculin test applied to determine whether this disease is present or not.

### Cane and Kafir Poisoning.

It has been talked over here quite a bit about the second growth of cane being poison to stock. Will you please give me some information on this subject as I have some cane I am cutting now for feed and if the second growth is poison I want to use the ground for some other crop.—J. M. H., La Harpe, Kan.

The feeding of cane and Kafir is always attended with more or less danger of poisoning. This poisoning usually results from the feeding of the stunted growth or second growth. It seems that when it is stunted, a poison substance develops which causes the death of the animal in a short time. Analysis made of some of the cane that had poisoned animals showed that prussic acid was present in considerable quantities. Sometimes cattle will get into the cane or Kafir and become sick within 10 or 15 minutes, and a few days later cattle may get into the same cane or Kafir and stay for some hours without showing any bad

results. Cases of poisoning have been recorded by feeding cane some months after it had been cut and cured. Probably it was cut when in the stunted condition. If a person is feeding cane or Kafir, he should feed it carefully when it is stunted.

### A Case of Garget.

We have a young cow that came fresh in June. At times the left hind quarters of her udder are very hard and some of the milk is lumpy. At other times the udder and her milk appear all right.—J. W. P., Horton, Kan.

I think your cow is suffering from a catarrhal condition of the membrane lining the milk ducts, producing a form of garget. I would suggest that you apply camphorated oil to the quarter once daily and give a pound of Epsom salts in a little water as a drench following up with a tablespoonful of tincture of poke root once daily in a little water or in the feed.

### Like Lung Worm Disease.

Several hogs in my bunch have had a bad cough since early spring. Lately some of my spring shoats are beginning to cough the same way. They will start a hard wheezing cough and keep it up until seemingly relieved by something breaking up, apparently from the lungs. They cough about a dozen times during the day.—R. A. A., R. 1, Clyde, Kan.

The symptoms you describe point very strongly to lung worm disease. This disease is rather difficult to treat as the medicine given by the mouth is changed to a great extent before it reaches the lungs. I would suggest that you give a teaspoonful of turpentine per 100 pounds of weight and disinfect the pens and sheds thoroughly with the ordinary commercial dip. If any die cut them open to determine whether they have lung worm or not. It would not be amiss if you had a runt that showed the symptoms, to kill it and in this way you would probably find out the cause of the trouble and be enabled to treat it intelligently.

### Swelling in Nostrils.

I have a 2-year-old colt that breathes very hard. The trouble began in March. On examination I find the division plate between the nostrils is thickened back as far as I could feel. There is no wound or discharge.—J. S., Westphalia, Kan.

The symptoms you describe would indicate a chronic inflammation of the mucous membrane of the septum or partition between the nostrils. It is hard to give the exact cause. Possibly the colt had distemper in the early spring which may have been followed by this thickening of the membrane. Give the animal one dram iodide of potash and a tablespoonful of Fowler's solution of arsenic, twice daily in its feed. Continue this for two weeks. Omit treatment two weeks, after which time it may be resumed.

### A Form of Eczema.

I have a fine yearling colt that has some kind of itch on his legs making him scratch most of the time. It seems to get worse when he gets into weeds or wet grass.—P. Z., Phillipsburg, Kan.

It is probable that your colt has a form of eczema due to irritation by weeds or grass. Give him a tablespoonful of the following mixture once daily in his feed: Sulphate of soda, 1 pound; nitrate of potash, 1/4 pound; common salt, 1/4 pound. Also wash its legs thoroughly with soap and water to remove any gummy discharge, after which rinse them thoroughly with clean water to remove the soap suds, and apply a lotion consisting of sugar of lead, 1 ounce; carbolic acid, 2 drams; rain water, 1 quart. Keep the colt out of the pasture as much as possible until the legs are healed up.

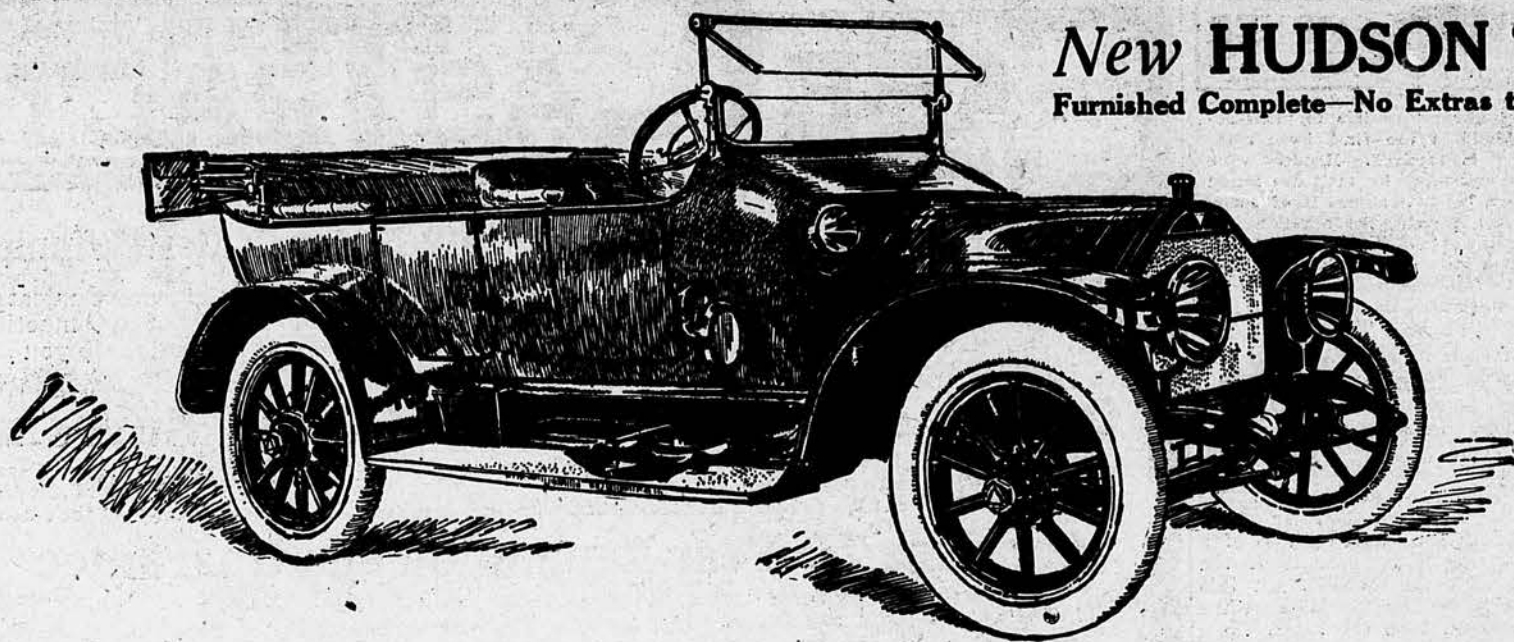
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To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 15 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 7 of these trial orders and the \$1.05 collected we will extend your time 1 year.

## A GOOD LINIMENT—A QUART

Can be made as follows: Take a quart bottle, put in 1 ounce ABSORBINE, 1/2 pint vinegar, teaspoonful salt petre, fill up with water. This makes a good, general liniment for strains, wrenches, pains, swellings, healing cuts, bruises, sores, to strengthen the muscles and toughen abdominal work bones. Also as a leg wash or brace, in fact whenever a liniment would be generally useful. ABSORBINE \$2.00 a bottle at dealers or delivered. (One bottle ABSORBINE makes three quarts liniment as above formula.) Book 3 H free. W. F. YOUNG, P.O. 208 Temple St., Springfield, Mass.





**New HUDSON "37"**  
Furnished Complete—No Extras to Buy

## Not Even Howard E. Coffin Could Build Such A Car As This

*Everyone knows that Howard E. Coffin is the Master Automobile Designer of America. He has built more successful four-cylinder cars than has any other man.*

*But, working alone, he is not capable of building an automobile equal to the New HUDSON "37."*

### A New Idea

For more than two years Mr. Coffin has been organizing this staff of engineers. There are 48 now. They have been gathered from all the automobile building nations—from France, Germany, England, Belgium and Austria. They came from 97 different factories. Combined they have had a hand in building more than 200,000 cars.

It is carrying out the idea of team work which is the foundation upon which all successful concerns are now built.

Experts specially fitted to do certain kinds of work combined their knowledge. Therefore the HUDSON "37" represents more than that which any one man could do. Even Mr. Coffin, with his wide knowledge and recognized ability in creating new ideas, would fall short in an endeavor to build a car equal to the HUDSON "37."

Automobiles have heretofore been designed usually by one man, just as Mr.

Coffin, in all his previous cars has depended principally upon his own ability.

Into the cars of any one man is combined the experience and ability of the individual. There also is incorporated into such cars all the errors and hobbies, some of them impracticable, that any individual is very apt to overlook.

### Are Mistakes Probable Under Such Conditions?

We fortify ourselves against error by focusing upon every detail the combined skill and experience of as many experts as we can obtain.

We do not limit ourselves. Whenever a man is found who can do work better than any one else and we have need for such work, that man is induced to join this organization.

That is why there are 48 engineers in this company—the largest number employed by any automobile manufacturer in the industry, and that is why HUDSON cars go out

without mistakes. That is why there has been no error in judgment. Experience is not bought at the expense of the buyer after the car is in his hands. It is paid for out of the combined experience of the men who build the car. We pay it in salaries and not in replacements. Yet many of these men are substantially interested in the Hudson Motor Car Company.

The Hudson Motor Car Company is not owned by individuals who do not contribute to the success of the business. With the exception of one holder of a small amount of stock, everyone interested in this Company is actively engaged in its operation. Consequently no earnings must be made for brains that are not responsible for those earnings.

There is no large overhead—no water. That accounts, in addition to the value of brains in the engineering—in addition to the elimination of error, for the fact that in the HUDSON "37" is given a quality not obtainable in any other car and never possible under any other conditions.

## Electric Self-Cranking—Electrically Lighted

### Some Will Advise You To Wait

Some may say to you "The HUDSON '37' is a new car. Wait and see what it does during its first year. Get some older car—one that has been developed slowly, that has been improved year after year but which is a radical change from the leading engineering practices."

That was sound advice when no builder had had experience. It is sound advice as applied to any car built by any one man. It does not apply to the HUDSON "37" which is the result of the experience of these 48 men gained in 97 factories in building over 200,000 cars.

### What These 48 Men Have Done

The HUDSON "37" is electrically self-cranking and electrically lighted. It is fully equipped; has 12-inch upholstery, top, rain vision windshield, a motor which develops 37-43 horsepower, speedometer, clock, 36 x 4 inch wheels, 118-inch wheel base, tools and other equipment.

Therefore it has the best quality we know how to produce. Every detail of luxury is developed to the highest degree. The car is entirely operated from the driver's seat. Lights are controlled from the dash. All oiling places are conveniently located.

The price of either the Five-Passenger Touring Car, the Torpedo or Roadster models is \$1875, f.o. b. Detroit.

*See the Triangle on the Radiator*

## HUDSON MOTOR CAR COMPANY

7496 Jefferson Avenue, Detroit, Michigan



## QUESTION CORNER

It is not always possible to print replies to inquiries the first issue after the inquiry is received. Readers who wish a prompt reply by mail are asked to enclose a 2-cent stamp. If of sufficient general interest, the question and answer will be published subsequently. No attention is paid to inquiries not signed in full. Address questions to Editor Farmers Mail and Breeze.

### Sign Your Name, Always.

If "Subscriber," Morrill, Kan., will send in his name we will forward the information he asks for. Usually no attention is paid to unsigned communications but it is possible that some of our new readers are not aware of this unwritten law of publishers. In many cases the information asked for is of a nature that cannot be printed in the paper, such as addresses, etc. In this event a reply will be mailed when stamp is enclosed with the inquiry.

### Will English Walnuts Grow in Kansas?

Can you tell me if English walnuts may be grown in this state?—Reader, Topeka, Kan.

I am not familiar with the soil and climatic requirements of the English walnut and I cannot say definitely that they will or will not succeed in this state. However, I can say very positively that I do not know of a single English walnut tree that is growing successfully within the state and on the strength of this I do not hesitate to say that I believe our climatic conditions are not favorable for their successful growth.  
C. A. Scott,  
Manhattan, Kan. State Forester.

### Specimen Is Knot Weed.

I am sending you a plant specimen which I would like to have identified. Does it contain poison of any kind?—S. R. L., Scott City, Kan.

The plant you ask about is known as knot weed or dooryard weed. It is really a kind of smart weed and is called, technically, "Polygonum aviculare." The plant generally grows flat on the ground and makes a mat 2 or 3 inches thick. The leaves are narrowly oval and dark green or sometimes almost blue. In the summer a disease of the leaves makes them white as if soap suds had been thrown on them. The plant is not poisonous.  
Manhattan, Kan. D. H. Rose.

### Waterproofing Silo Walls.

Please tell me of the best way to treat the inner surface of a concrete silo to make it as nearly water tight as possible.—J. F. J., Bidwell, O.

To render a wall waterproof wash it with a mixture of pure cement and water, applying this mixture with a whitewash brush or a broom. Another waterproof mixture which has given very satisfactory results and is recommended by the government, consists of 1 part concentrated lye to 5 parts of alum mixed with water. Either of these mixtures will make your silo wall absolutely waterproof. Any considerable amount of water will seriously affect silage, and you will find it imperative to treat the silo in such a manner as to make it impervious to outside water.  
G. S. Hine.

### Kansas Agricultural college.

### Bag Worms Causing Trouble.

I have a cedar tree that is almost dead. It is covered with cocoons that contain a dark brown worm about 1½ inches long. These worms seem to come out of the cocoon and attack the trees. I am very anxious to get rid of this pest and I shall be very grateful if you can tell me how to do about it.—J. O. K., Potwin, Kan.

From the description given I should judge the bagworm is injuring your cedar trees. The bagworm has appeared in great numbers in the northeastern part of the state in recent years and they are doing considerable injury to shade and ornamental trees, especially to the cedar trees. The method of combatting them as given by Dr. Headlee is to spray the infested trees with arsenate of lead at the rate of 3 pounds to 50 gallons of water during the time that they are feeding on the foliage, which is during the early summer months.

At this season of the year the worm is pupating and not feeding to any extent and the treatment prescribed is to gather the bags and burn them. The eggs that are laid in the bags this fall

# CASE GAS TRACTOR

## Gold Medal Winner in World's 1912 Motor Contest, Winnipeg

This is the Gas Tractor that triumphed at Winnipeg in the greatest Plowing Contest ever held. It turned furrows faster, better, easier and at less fuel cost than the best of its competitors. Open your fields to the Case Gas Tractor, the tireless giant that will help you plow, plant, cultivate and harvest. It will almost run the farm!

## Overwhelming Evidence of Case Supremacy

The result of the Winnipeg Contest serves to confirm the universal verdict of owners of Case Gas Tractors. It took 20 years of experimenting, in shop and field, to bring the Case Gas Tractor to its present state of perfection. We did all this experimental work at our own expense—not at expense of the customer.

## Case 70-Year Reputation and Guarantee

It is a great thing for the owner of a Gas Tractor to have an institution like the CASE Company behind it.

The Case 70-year reputation is an absolute guarantee of quality, service and satisfaction.

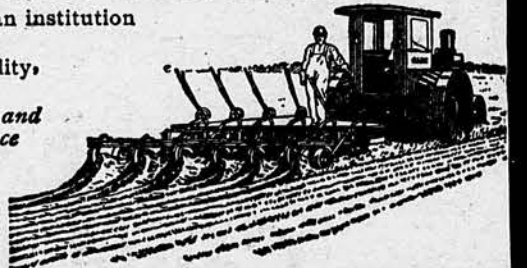
See the Case 40 Gas Tractor, the Gold Medal Winner, and the 60 Oil Tractor at our nearest Branch, or write us at once and we will mail you complete specifications and other information of vital interest.

J. I. CASE THRESHING MACHINE CO., Inc.

Dept. K

RACINE, WISCONSIN

65 Branch Houses and 10,000 Dealers in the United States, Canada, South America and Europe (76)



will hatch early next spring and the young brood of worms begin feeding at once. Each brood builds up a new bag about itself for protection throughout the feeding period and in which to deposit eggs next fall. Spraying with arsenate of lead should be begun as soon as the insects begin feeding and should be continued until all have been destroyed.  
C. A. Scott,  
Manhattan, Kan. State Forester.

### Applying Phosphate to Soil.

Will you tell me how ground rock phosphate should be applied to the soil? Would its use be beneficial in this state?—J. P.

Ground phosphate rock is practically insoluble, but when applied to land gradually goes into solution under the action of the organic acids present in decaying vegetable matter. It is considered a good practice to apply this finely powdered rock in comparatively large quantities, at the rate of 1,000 to 2,000 pounds per acre every three to six years for three or four rotations, after which the amount may be reduced to about 150 pounds per acre for each year. The maximum amount mentioned is suggested for lands which are known to be deficient in phosphorus.

As this mineral is insoluble, it is not expected to give immediate results, like acid phosphate, for example. It has an advantage over acid phosphate in that it keeps the soil neutral or slightly alkaline, while if acid phosphate is used continuously there is danger of the soil becoming acid and unfit for cultivation.

Ground limestone is suggested where there is clearly a deficiency of this element, when the soil is known to be acid, and to stimulate the action of nitrifying bacteria. Particularly is it used for this purpose—for preparing alfalfa land and the legumes in general.

The best agricultural authorities in this country are advocating the use of these materials. Their beneficial results are founded on the results obtained from carefully designed scientific trials.  
Charles K. Francis.

Oklahoma A. and M. college, Stillwater, Okla.

### SPECIAL SUBSCRIPTION BARGAIN.

The Farmers Mail and Breeze Until January 1, 1913, for Only 15 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 15 cents in stamps and get the big farm paper every week from the time your order reaches us until January 1, next. Regular price \$1.00 per year. Tell your friends about this special subscription offer. If you send in a list of four, with a remittance of 60c, we will give you your own subscription for your trouble. Send at once and get the full benefit of this

## A DULL SHARE

OR

## A SHARP ONE

## Which Do You Prefer?

The dull share tears the soil by main force. The sharp share cuts the soil as would a sharp knife. The dull share causes heavy draft. The sharp share makes light draft. Wouldn't you prefer a plow with a share on which you can keep a sharp cutting edge, year in and year out? Then the one Plow for you is the

## "Best Ever"

### With Acme Guaranteed Shares.

The Best Ever is the best built plow in the world.

The Best Ever is the best balanced plow.

The Best Ever is the lightest draft plow.

The Best Ever will plow more acres per day with less effort than any other plow.

The Best Ever saves time, saves labor, saves horses and saves money.

### ACME STEEL SHARES

Used on Best Ever Plows are guaranteed not to break. After sharpening they can be retempered any number of times and made as hard as new with no danger of breaking.

The Farmer can heat an Acme Share in a cook stove, draw it out with a hammer, and temper it in a tub or trough.

Think of it—Hard, Sharp, Keen cutting shares all the time.

Ask any Flying Dutchman Dealer to show you Best Ever Plows or write us for our Free Booklets on Best Ever Plows and Acme Steel Shares.

## Moline Plow Company

Dept. 15.

MOLINE, ILLINOIS



Put a  
**KING**  
AERATOR  
on Your  
Barn

## Pure Air Makes Big Money FOR YOU

The King Aerator draws out the foul, impure, contaminated, moisture-laden air. Fresh, pure, health-giving air takes its place. There's no dangerous draft, no cold air in winter, no moisture to form on the ceiling and walls. The King Aerator saves you big money. Means more fat for steers, hogs, sheep, more milk from cows, more muscle on horses. Let us prove it. Send name on postal now for our

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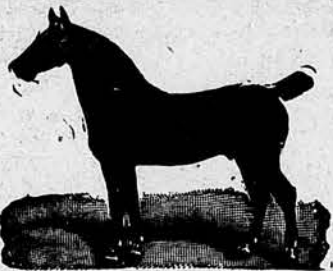
Read how the King Aerator is made, what it's made of and how it works. Learn why it can't be imitated, why it can't blow down or wear out. See actual photo-illustrations of barns equipped with King Aerators, read letters from owners. Don't miss this book. It puts real money in your pocket. Mail postal NOW Address

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Caustic Balsam****Has Imitators But No Competitors.**

A Safe, Speedy and Positive Cure for  
Curb, Splint, Sweeney, Capped Hock,  
Strained Tendons, Founder, Wind  
Puffs, and all lameness from Spavin,  
Ringbone and other bony tumors.  
Cures all skin diseases or Parasites,  
Thrush, Diphtheria. Removes all  
Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism,  
Sprains, Sore Throat, etc., it is invaluable.  
Every bottle of Caustic Balsam sold is  
warranted to give satisfaction. Price \$1.50  
per bottle. Sold by druggists, or sent by ex-  
press, charges paid, with full directions for  
its use. Send for descriptive circulars,  
testimonials, etc. Address  
The Lawrence-Williams Co., Cleveland, O.

**Pull 100 Stumps  
A Day—With The  
Hercules**

YOU can clear an acre or more  
of stumps a day. No stumps  
can resist the Hercules.  
Doubles land value—enables  
you to make \$1200.00 on 40 acres  
the first year after stumps are  
out—and \$750.00 in crops  
every year after. Get the  
proof. Why not?

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Book tells all the  
facts—shows many  
photos and letters  
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about the many Her-  
cules features. We'll  
also quote you a special money-saving price  
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**Better Farm  
Implements**  
—How to Use Them—  
JOHN DEERE PLOW CO.

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Illustrating the most  
important line of farm  
machines made. Tells  
when, where and how  
to use them. It an-  
swers every question  
you might ask about  
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Send postal today  
for package No. X12  
John Deere Plow Co.  
Moline, Illinois

**Get Quality and Service—  
JOHN DEERE Dealers Give Both**

**From Cob to Meal  
Faster and Cheaper**

Wet or dry, cob or grain—all the same to  
the "Bull Dog". Can't clog—it's force feed  
throughout. One set of  
rollers grinds 5,000 bushels  
The Roller  
Grinding **Bull Dog**  
Use it 10 Days Free  
Test this great grinder on  
your farm. It's the fast-  
est, lightest-running mill you  
ever saw—send it back at our  
expense. Write for details,  
stating H. P. of engine.  
Lutz Mfg. Co., 355 East  
Road, Crown Point, Ind.

**AMERICAN PITLESS  
SCALES**  
For 15 years ac-  
knowledge the  
most practical, durable, and  
accurate farm scale. Unlimited  
guarantee. No strings to our  
proposition of  
**30 DAYS FREE TRIAL.**  
Simply send name for illustrated  
Catalog and full particulars of  
our 1913 Special Low Price Offer.  
DEPT. 10. KANSAS CITY, MO.

**Harvesting Kafir in Oklahoma**

BY W. A. LINKLATER,  
Oklahoma Experiment Station, Stillwater.

L. A. Z., Catoosa, Okla., reader of the  
Farmers Mail and Breeze, writes: "I  
have a nice field of Kafir. The major-  
ity of the heads are now past the milk  
stage. How should I harvest the crop in  
order to get the best results out of the  
fodder and grain? Should the grain be  
ground to be fed to horses or hogs or are  
results equally good to feed the grain  
without grinding?"

The way to get the greatest feeding  
value out of your Kafir would be to  
store it in a silo, if you have one.

As soon as your Kafir gets ripe cut  
it with a corn binder and shock it up.  
When the fodder is thoroughly dry hire  
some threshing machine to thresh it  
stalks and all. The average threshing  
machine driven with an engine of suffi-  
cient power will thresh Kafir quite sat-  
isfactorily if the fodder is sufficiently  
dry. We threshed over 800 bushels of  
Kafir in this way last fall and plan to  
thresh 40 acres of Kafir this year. The  
fodder will be thoroughly shredded by  
the threshing machine, can be stored in a  
stack and will be eaten with much less  
waste by livestock than if fed as headed  
fodder. Considerable care will be re-  
quired in the storing of Kafir grain as  
it is inclined to heat more readily than  
most other grains. It should be stored  
in quantities not to exceed 100 bushels in  
a place and examined from time to time  
to find out whether it is heating or not.  
If the grain heats it must be moved  
and cooled out.

Kafir should be ground for feeding  
horses or hogs and is improved for horse  
feeding by the addition of one-fourth to  
one-third of its weight of wheat bran  
or mill run, and for hog feeding by the  
addition of one-eighth of its weight of  
tankage, cottonseed meal, or some other  
supplementary feed that will increase  
the per cent of protein in the ration.

**Important to Western Kansas**

COMING IRRIGATION MEETING.

The coming state irrigation meeting  
to be held at Garden City, October 24-  
25, will offer an excellent opportunity  
for interested farmers to learn more  
concerning successful well irrigation in  
western Kansas. It was quite generally  
believed, a few years ago, that water  
could not be raised by pumping more  
than 25 feet for economical irrigation.  
Kansas has a large number of plants  
today where the pumping heads exceed  
75 feet. The development in pumping  
for irrigation in the last few years has  
been phenomenal. It is the natural out-  
come of individual experimentation by  
western Kansas land owners. H. B.  
Walker, drainage and irrigation engineer  
at the Kansas Agricultural college, says  
the results, generally, have been satis-  
factory, but in some cases they have  
been discouraging and expensive to the  
man working out his own problem.  
These men have never met together to  
discuss their successes and troubles, and  
that is one thing the coming meeting  
is for. Besides pumping for irrigation  
other topics such as "Storage of Storm  
Water," "Growing of Alfalfa," "Sugar  
Beets" and "Potatoes" will be discussed.  
Western Kansas land owners cannot  
afford to miss this meeting.

**Best Fertilizer For Wheat**

F. G. S., Garfield county, Oklahoma,  
writes: "I would like information con-  
cerning the fertilizing of wheat ground  
to increase yield. Could you give me  
data and results of experiments made in  
the college as to fertilizers used and  
methods in detail?"

In our tests with fertilizers at this  
station, we have not secured as valuable  
results from the application of commer-  
cial fertilizers as we have from the use  
of barnyard manure. Most of the soils  
in this state need vegetable matter much  
more than they do an application of  
commercial fertilizer. We find that the  
use of barnyard manure has increased  
our wheat yields 100 per cent which is  
much greater than the increase from any  
of the commercial fertilizers.

O. O. Churchill.

Oklahoma Experiment Station, Still-  
water.Trial trip until January 1, 1913, for  
15 cents, Mail and Breeze, Topeka, Kan.**Your Telephone Horizon**

The horizon of vision, the  
circle which bounds our sight,  
has not changed.

It is best observed at sea.  
Though the ships of today are  
larger than the ships of fifty  
years ago, you cannot see  
them until they come up over  
the edge of the world, fifteen  
or twenty miles away.

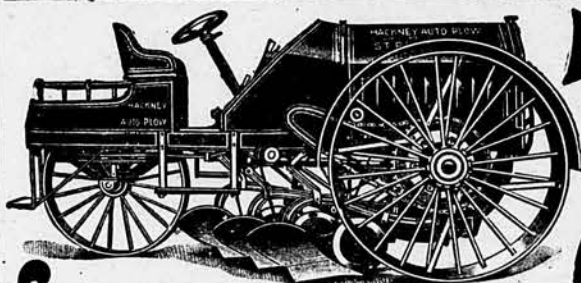
A generation ago the horizon  
of speech was very limited.  
When your grandfather was a  
young man, his voice could  
be heard on a still day for  
perhaps a mile. Even though  
he used a speaking trumpet,  
he could not be heard nearly  
so far as he could be seen.

Today all this has been  
changed. The telephone has  
vastly extended the horizon  
of speech.

Talking two thousand miles  
is an everyday occurrence,  
while in order to see this dis-  
tance, you would need to mount  
your telescope on a platform  
approximately 560 miles high.

As a man is followed by his  
shadow, so is he followed by  
the horizon of telephone com-  
munication. When he travels  
across the continent his tele-  
phone horizon travels with  
him, and wherever he may be  
he is always at the center of a  
great circle of telephone  
neighbors.

What is true of one man is  
true of the whole public. In  
order to provide a telephone  
horizon for each member of  
the nation, the Bell System has  
been established.

**AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
AND ASSOCIATED COMPANIES***Every Bell Telephone is the Center of the System.***NO  
HORSE  
TROUBLE****WITH A  
Hackney Auto-Plow  
The Great "One-Man-Outfit"**

On account of the deadly epidemic among horses in Kansas and Nebraska, in con-  
sequence of which farmers find themselves unable to do their fall plowing and seeding,  
we have made arrangements to make immediate shipment and quick delivery on all  
orders received from these states.

The Hackney Auto-Plow will work night and day, rain or shine and is not  
subject to disease. It is the only "One-Man-Outfit" on the market that can be used  
for plowing, seeding, threshing, as a stationary engine for power purposes, and as a  
tractor for hauling loads, etc.

Write for Illustrated Catalog and Testimonials from users in your territory.

**Hackney Manufacturing Company**

575 Prior Avenue

ST. PAUL, MINN.

**My Chatham Mill****Grain Grader and Cleaner**

Loaned free for 30 days—no money

down—freight prepaid—cash or credit.

It grades, cleans and separates wheat, oats,

corn, barley, flax, clover, timothy, etc. Takes

cockle, wild oats, tame oats, smut, etc., from seed wheat; any mix-

ture from flax. Sorts corn for drop planter. Rids clover of buck-

horn. Takes out all dust, dirt, chaff and noxious weeds from timo-

thy. Removes foul weed seed and all the damaged, shrunk,

cracked or feeble kernels from any grain. Handles up to 50 bushels

per hour. Gas power or hand power. Easiest running mill on earth.

Over 250,000 in use in U. S. and Canada. Postal brings low-price-

buy-on-time proposition and latest Catalog. I will loan 500

machines, "first come, first served." Write today if you want

to be one of the lucky 500. Ask for Booklet 47.

**THE MANSON CAMPBELL COMPANY, Detroit, Kansas City, Minneapolis****Cash  
or On Time****FREE!  
LOAN!**





I want you to try my new  
**Hospe Cabinet  
Grand Upright**  
in your own home **FREE**  
30 days

I Pay  
the  
Freight  
Send  
No  
Money  
Two to  
Three  
Years  
to Pay



**Extraordinary Offer:** Yes, the matchless instrument in your home four weeks at absolutely no cost to you. You can use it in any way, enjoy this sweet-toned instrument to the fullest extent, play on it, test it in every way you want. If at the end of thirty days you decide it is the piano for your home, you can pay for it on the easiest, fairest payment terms ever devised—JUST \$1.50 A WEEK, if you so desire.

**My Direct Plan Saves You \$108**  
**\$275 Piano Only \$167**

And you secure not just an ordinary piano, but the famous sweet-toned Hospe, with an ironclad twenty-five year guarantee. You can have any of my Hospe pianos, player-pianos or organs in your home thirty days free at corresponding savings, \$15.00 Music Bench, \$5.00 worth of sheet music, and my Easy Method Piano Instruction Book, free with every piano.

**Important Piano Information Sent Free**

Fill out and mail the coupon today. It will bring you absolutely free my catalog, special price list and valuable information that every piano purchaser should have. I have been making and selling good pianos in Omaha since 1874.

No matter what price or what style of instrument you want I can save you money.

**MAIL THE COUPON TODAY**  
A. HOSPE  
Pres't A. Hospe Company  
217 Hospe Bldg., Omaha, Neb.

Dear Sir: Please send me, FREE, your new Catalogue, your Money-Saving Plan and Full Details of your Free Trial Offer.

Name \_\_\_\_\_

St. or R. F. D. \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

**Make Creamery  
Butter at Home!**

Don't send your pure cream and butter to a creamery or station. Increase your dairy profits by having a complete butter-making plant at home. Get the 25% "Owatonna" — use the butter, make it for pigs and hogs. Get a higher price for your special butter than creamery gets.



**"Come South"**

The Progressive Farmer of October 26 will be a "Come South" Special—reliable information about the cheapest farm land and the finest farming opportunities in America today. Send us ten cents and get our paper ten weeks including this issue.

**The Progressive Farmer**  
BIRMINGHAM, ALA.

**Make Your Own Repairs**  
Myers' wonderful Sewing Awl sews leather, canvas, shoes—anything, heavy or light. Speedy hand stitching. Saves trips to town. Complete repair shop in itself. Mends harness saddles, wagon covers, blankets, buggy tops, belts, etc. Can't get out of order. Original and only awl with diamond point full grooved needle to protect the thread. Big money for agents.  
D. A. MYERS COMPANY, 630 Lexington Ave., Chicago



**Dairy Farming**

CONDUCTED FOR FARMERS MAIL AND BREEZE BY A. G. KITTELL.

This department aims to be a free-for-all experience exchange for our folks who keep milk cows. We are glad to hear from you often. A Mail and Breeze subscription and other prizes awarded each week for helpful or interesting letters or bits of dairy news.

A caked udder may often be relieved by rubbing with witch hazel.

The first feed a cow should have after calving is a bran mash.

The average cow gives her best returns between her fifth and eighth year.

Streaky butter is due to uneven distribution of salt or the presence of buttermilk.

At the first sign of udder troubles it is a good plan to give the cow a feed of a laxative nature.

For washing a separator nothing beats a brush and scalding water with a little washing powder sifted in.

Save all refuse vegetables for the cows. They will repay you in butter fat this winter.—A. B. L., Toronto, Kan.

Keeping two cows to do the work of one constitutes the biggest leak in the dairy business.

One of our folks writes that he has found cowpea hay better than clover for cows. What has been your experience in feeding cowpea hay?

The few cents spent for paper butter wrappers represents money well invested. Cloths may be cheaper and just as sanitary but they are not as handy or neat.

**Farmers' Creamery Doing Well.**

Mr. Editor—The farmers' creamery station, established here by the farmers of Greeley county has proven a big money-maker for the members of the association. They have operated the station since the first of the year. On June the station shipped out 2,478 pounds of cream for which \$101.15 was received. From that time to August 1 the daily shipment of cream from the station amounted to \$304.07. This cream comes from the farmers around Tribune and the station is proving a mighty fine thing for them. The business of the institution is done in a 16 by 22-foot building and is in charge of A. O. Bankson who recently came to Greeley county from a dairy country in Illinois.

Clement L. Wilson.

Tribune, Kan.

**Why the Fall Fresh Cow?**  
[Prize Letter.]

Mr. Editor—I have lived on a farm and milked cows and fed calves all my life and I prefer to have the cows come fresh in the fall for several reasons. The first of October is about the best time.

The fall fresh cow must be fed a little heavier in winter but that amounts to little when one considers the increased value of butter and cream.

In the winter months men folks have little or no field work to do and have plenty of time to look after milking, feeding calves, separating milk, etc.

When spring work comes on calves can be turned onto grass where they will take care of themselves and cows on grass will give nearly as much milk as if they were fresh.

By the time fly season comes the cows will be slacking up and will produce the least when cream and butter are cheapest.

The spring calf costs more because he must have milk and care through the spring and part of summer when time is valuable.

Lastly there are the pigs that need the separator milk more in winter than they do in summer when they have plenty of pasture. Mrs. E. C. Edmond, Kan.

Trial trip until January 1, 1913, for 15 cents. Mail and Breeze, Topeka, Kan.



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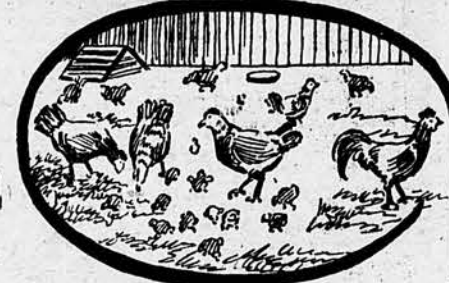
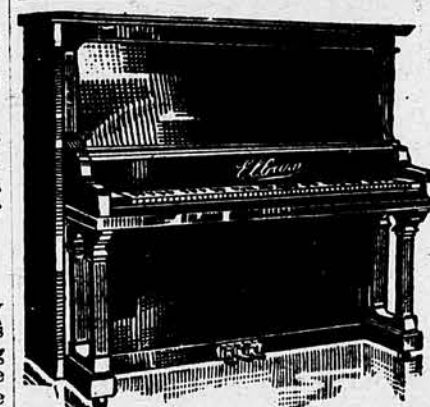
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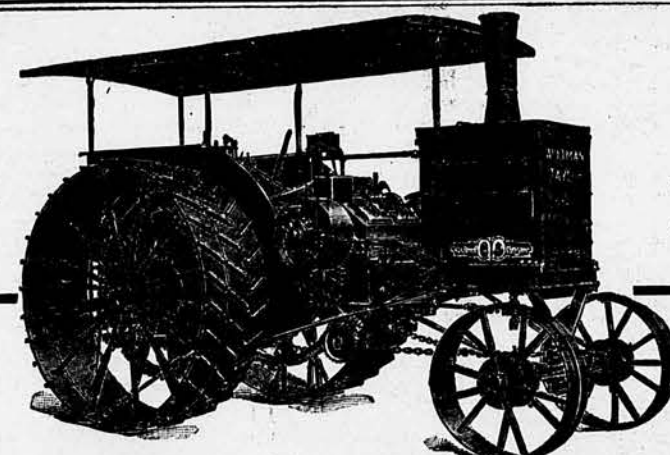
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MRS. GEORGIA LOGAN, R. F. D. No. 2, Wamego, Kan.

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Order now and prevent a little injury from becoming a serious one.

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### Saving Help In Filling a Silo

BY JOHN HOLT.

[Written for Farmers Mail and Breeze.]

Three years ago we had a pit for a silo, dug in the side of a slope. The pit was dug 4 feet deep and 6 feet more were boarded up with earth piled against the boards. The silage kept fairly well and we fed it out from the end. We put up 200 tons of silage in this pit. Last year we built a silo out of flooring and cement plaster as per article in Mail and Breeze about a year ago. I much prefer this type of silo to the stave silo as several of the latter have blown down.

We use an 8-horsepower gasoline engine to run a No. 12 Ohio self-feed cutter with carrier. We can put up 20 to 30 tons of silage in one day with the field a half mile away, using five horses and three men. This includes one man and three horses on the corn binder. Enough corn can be cut by noon to last all day and where corn is heavy a half day's cutting will go farther. One man and team brings the corn in from the field, the load is left at the cutter and a second wagon is used to get the next load. The man at the cutter runs the load through and as the cutting takes less time than the hauling the man at the machine has time to go into the silo and tramp the silage down. In the afternoon both men haul to the silo, each unloading and feeding his own corn while the third man is in the silo and also does the oiling, etc.

In this way we use only our own help and put up from 14 to 16 big loads a day. If we should hire additional help it would be best to get another man and team. We do not consider the hauling any harder work than shocking would be as we use low wheel wagons.

I want to warn farmers who are intending to buy cutters with blowers to be sure and get the right kind. I would not buy a cutter that has the knives bolted fast to the blower wheel with no chance to give, in case a stone or piece of iron should get into the machine. Such a cutter is very dangerous to work with and several operators have been badly hurt. On the best machines there is a safety device that lets the knife stop while the blower or balance wheel runs on.

Bridgeport, Kan.

### Churning Time Suggestions

BY MRS. S. J. WINDER.

[Written for Farmers Mail and Breeze.]

The most essential thing in making good butter is to keep everything clean and sweet by washing and scalding milk pails, strainers, churn, paddles, etc., as soon as used. Never allow sour buttermilk to stand in the churn until the churn is sour too.

We have a separator and I churn three times a week. During cold weather I set the cream on the back of the stove while I wash and scald the separator and milk pails, and dispose of the breakfast dishes. I stir the cream occasionally and when the chill is off it is ready for churning. I can tell when it is warm enough by putting my hands on the outside of the bucket.

I then put warm water in the churn and dash it a few times to get the inside moderately warm. The cream is then put in and with these methods I have often churned in 3 minutes, the butter being nice and solid. After it starts to break I never churn hard but go slowly in order to gather the butter. My butter paddle has already been scalded and laid in cold water and the butter bowl also is filled with cold water after scalding. I take out the butter and put it in the bowl, work it well to take out the buttermilk, then pour it off and work out the water after which it is salted well. If I churn in the morning I let the butter stand until after supper, then work and mould. If the salt shows on the outside of the prints I dip them in cold water before marketing.

In the winter we use our separator only once a day—in the morning—which saves one washing. We strain the night's milk and in the morning skim off the thickest cream. We then warm it about like fresh milk and separate it. We make just as good butter with cream treated this way as with cream separated after each milking.

Faxon, Okla.

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discusses DAIRY COW DISEASES AND THEIR PROPER TREATMENT.

Prof. Hugh G. Van Pelt, the Iowa State Dairy Expert, and one of the Editors of Kimball's Dairy Farmer, has contributed a most interesting discussion on PROPER DAIRY FEEDING AND BALANCED RATIONS.

Dr. Burkett, Editor of the American Agriculturist, tells about the MOST SUITABLE DAIRY CROPS, and other widely known authorities discuss SOIL FERTILITY, DAIRYING FOR PROFIT, FARM BUTTER MAKING, SILOS AND SILAGE, etc., etc.

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## ORCHARD & GARDEN

For the best letter each week, contributed to this page by a reader, we offer a year's subscription or extension of subscription to Farmers Mail and Breeze. We want your views and experiences. They will help others. Address contributions to Horticultural Editor Farmers Mail and Breeze.

Plowing gardens in the fall gets rid of most of the weed seed and makes them easier to tend next spring.

Besides the soil catches and holds the winter moisture, putting it in the best of condition for spring working and planting.

Leaves and other vegetable matter may be raked and piled up where it will rot and be handy to use as fertilizer next spring.

Then manure the ground and plow it, leaving it rough. Then you will have good insurance with a paid up policy on your next year's garden crops.

### Storing Apples For Winter.

Mr. Editor—Where storage cellars are not available pits, similar to potato pits, may be used. Select a sandy, well drained location, dig a shallow pit, cover the sides with straw, pile apples in the center, and cover with a layer of straw, followed by a light layer of earth. As the season advances put on more straw and earth, and where extreme cold occurs use an outer layer of stable manure. Apples can be used from the pit during the winter. Open the pit near the surface of the ground and in refilling the opening use great care to close it effectively against frost.

In choosing apples for storage select sound fruit free from worms and particularly free from bruises. The fruit keeps best if fully matured and well colored, although it should not be allowed to become too ripe as the ripening process continues under storage conditions. Piling the apples under the trees and allowing them to remain there several days makes them ripen faster than they do on the trees.

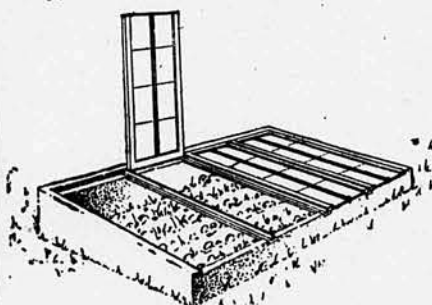
The average cellar without a furnace and well-ventilated provides good storage quarters. The windows can be opened during the cold fall nights and closed during the day. The best storage conditions are a somewhat moist atmosphere but not too moist or the development of molds and fungus growths is favored. The air should be just moist enough to keep the fruit from shriveling. The temperature should be at the freezing point of water or a little below. J. G. Moore.

Wisconsin Experiment Station.

### Put in a Hotbed Frame Now

TO MAKE ONE OF CONCRETE.

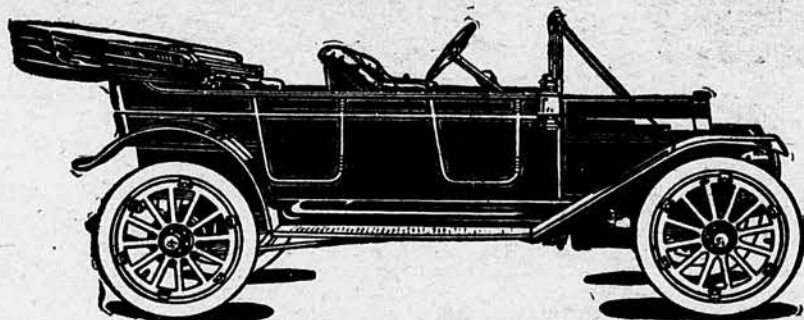
Not many Mail and Breeze folks are worrying about hotbeds and spring gardens just now but the truth is there isn't a better time to put in a good substantial hotbed or cold frame of concrete. A wooden frame is all right while it lasts but with only a little more outlay a permanent frame of concrete can be put in that will be ready for business every spring without a lick of repairs. The best place for the bed is on the sunny, wind-protected side of a build-



A Concrete hotbed will last a lifetime and is always ready, needing no repairs.

ing. Lay out the bed 6 feet 8 inches wide by 12 feet 10 inches long, which makes a good size for the average family and will just take four standard-size sash, with the sash lapping the forms 2 inches on all sides. Foundation trenches should be 2 feet 6 inches deep and inside the foregoing measurements. Walls are 6 inches thick and forms should be set so the north wall is 14 inches above

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Send for four of our beautiful 12x16 Enamel Art Pictures to distribute with Mammoth Pattern Collection at 25c each. Return us the \$1.00 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring. Address: **R. F. MOSER, 382 Household Bldg., Topeka, Kan.**

**The Deaf Can HEAR**

distinctly every sound—even whispers do not escape them when they are properly assisted. Deafness is due to the ear drums from some cause becoming defective. I offer you the same hope of hearing as you have of seeing from the oculist who supplies glasses to help your eyesight—for I apply the same common sense principle in my method of restoring hearing. The weakened or impaired parts must be reinforced by suitable devices to supply what is lacking and necessary to hear. Among the 390,000 people who have been restored to perfect hearing there has been every condition of deafness or defective hearing. No matter what the cause or how long standing the case the testimonials sent me show marvelous results.

**Common-Sense Ear Drums**

have restored to me my own hearing—that's how I happened to discover the secret of their success in my own desperate endeavors to be relieved of my deafness after physicians had repeatedly failed.

Common-Sense Ear Drums are made of a soft, sensitized material, comfortable and safe to wear. They are out of sight when worn, and easily adjusted by the wearer.

It is certainly worth your while to investigate. Before you send any money just drop me a line. I want to send you free of charge my book on deafness and plenty of evidence to prove to you that I am entirely worthy of your confidence. Why not write me today?

**GEORGE H. WILSON, President**  
**WILSON EAR DRUM CO., Incorporated**  
447 Todd Building  
Louisville, Ky.

ground while the south wall is 6 inches high. No forms are needed below the surface.

Fill the forms and trench with mushy wet concrete made in the proportion of 1 bag of cement to 2½ cubic feet of sand to 5 cubic feet of crushed rock or 1 bag cement to 5 cubic feet of bank-run gravel. Tie the walls together at corners with old iron rods bent at right angles. While putting in concrete set ½-inch bolts 2 feet apart to which to fasten the wooden top framing or groove the inner edge of the walls by imbedding wooden strips of the proper size. Also make provision for the center bars.

If the bed is to be a solid frame no earth need be taken out but for a hot-bed dig out 2 feet to be filled in late winter with 18 inches of fresh horse manure and this covered with 4 to 8 inches of rich soil. The materials for such a frame will cost about \$10, requiring 14 bags of cement, 1¼ cubic yards of sand, and 2½ cubic yards of crushed rock, or 14 bags of cement and 2½ cubic yards of gravel.

**Fall Tree Planting a Mistake**

BY C. A. SCOTT,  
State Forester of Kansas

[Written for Farmers Mail and Breeze.]

Fall planting of trees in Kansas is not a safe proposition because we frequently have very dry winters that are injurious to newly-planted trees. Early spring planting is by all odds the most successful. The exact time of planting will vary considerably with the season, but any time within three weeks or a month after the frost goes out of the ground is a very reasonable time. If the soil in which the tree is to be planted is a stiff, impervious clay, or hard and rocky so that it is impossible to dig a large enough hole with a spade, I should advise blasting the hole with dynamite to loosen up the ground immediately around the location of the tree, so that its roots can find room to grow. Whenever the soil requires blasting, it is well to partly fill in the hole, before planting, with good black soil, rather than to set it in the soil thrown out.

**Give the Roots Room.**

If the soil is loose and mellow so that the hole can readily be dug with the spade, blasting is not necessary. Regardless of the character of the soil there is no need of putting pieces of old iron, rocks, dead dogs, or anything of such nature in the hole before planting the tree. The hole should be large enough to receive the tree roots spread in natural position without being twisted or coiled up. The hole should be deep enough so that when the soil is filled in about the roots, the tree will be securely anchored.

The custom of digging the holes some months before the trees are to be set is very objectionable, as an open hole allows the ground to dry out and the exposed soil becomes so hard and dry that it is impossible to secure the desired cohesion with the soil that is again filled in. If the soil is dry, it should be soaked up by artificial watering a few days before the trees are to be set, so that it can be worked without danger of puddling.

**The Tree Must Have Moisture.**

After the tree is set in position, loose mellow soil should be filled in about the roots, and after they are completely covered, this soil should be tramped firmly about them to bring it into immediate contact with the roots. Tramp the soil until the hole is filled to within 3 or 4 inches of the top, leaving the surface soil light and loose. In filling the hole, the soil should not be mounded up around the tree, but left a trifle lower than the surrounding ground, so the tree will receive the benefit of all surface water.

If artificial watering becomes necessary, the most satisfactory manner of applying it is to dig a trench around the tree at a distance of 15 to 18 inches from it. Fill this trench with water as often as necessary to keep the soil about the roots in a good moist condition. The need of artificial watering may be reduced by spading up the ground 3 or 4 feet on either side of the tree immediately after it is set. This area of ground should be kept in cultivation throughout the entire season to prevent the growth of weeds or grass that would take the moisture.

Manhattan, Kan.

**Have You the Right Kind of Clothes?**

**WHEN** a young man gets out into the wide world, and in competition with other men, it is a big advantage to have clothes that set him ahead of the average in appearance.

The clothes that do so most effectively, yet economically, are the "Yangfelo" models in Kirschbaum clothes—the most highly specialized young men's garments made in America.

You can mingle with the well-dressed men of any place and be perfectly at ease, when attired in—

**Kirschbaum Clothes**  
**\$15, \$20 and \$25**

Not only of authoritative cut and exceptional fineness of fabric, but finished with exacting care as to detail. Needled by hand into a shape that gives a sense of sureness and individuality.

Kirschbaum Clothes are strictly hand-tailored "All-Wool." Not a thread of cotton! We test every bolt of fabric. Then, we shrink the fabric between blankets in clean, cold water till there is no shrink left.

That means, when you wear Kirschbaum Clothes, a stylish, neat appearance as long as the garments are worn.

Every Kirschbaum Suit and Overcoat is sold under a strict guarantee. If you should not be entirely satisfied—if you do not find absolute perfec-

tion in fabric, fit and finish, the guarantee assures the return of your money.

Seek out the store with the Kirschbaum Guaranteed "All-Wool" Hand-tailored Clothes. We will send dealer's name, if you drop a postal.

**Art Calendar Free**

Exquisite color reproductions from oil paintings of scenes in Russia, showing men's correct styles. Write for your calendar.

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"The House With the All-Wool Policy"

**LOCAL OFFICES:**

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**No More Scooping Corn or Grain!**

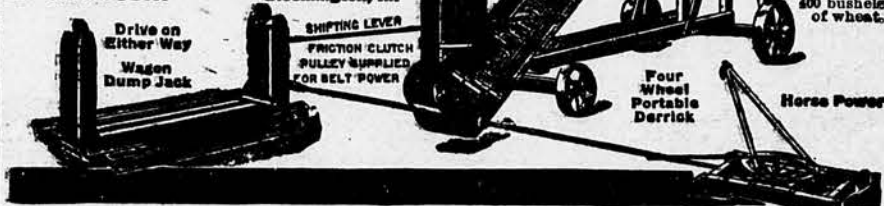
**Biggest Loads Now Cribbed in 5 Minutes!**

Men husk 20% more, when they don't have to scoop. They work for a quarter to a half-cent cheaper, when they don't have to scoop. Good huskers are easy to get and keep when there's no scooping to be done. Everybody hates the terrible work of scooping. Why not do away with it this year and forever! Investigate the famous Little Giant Portable Elevator that makes play out of unloading and cribbing corn and all small grains! Think of it! 60 to 100 bushel loads cribbed in 5 minutes or less! Your boy can do it—with the

**Little Giant "Green Machine" Portable Elevator**

Simply drive on jack, start horse or engine power! Little Giant is made of finest lumber and steel. Portable Derrick with four wide steel wheels. Tight bottom saves all loose corn. Triple geared, strong. Conveyors to suit every condition. Send your name! Catalog tells all about every Little Giant advantage by words and photographs. If you need a new crib or granary ask for Plan Book that saves you enough to pay for a Little Giant. Write us Now!

**Portable Elevator Mfg. Co.**  
120 McClun Street  
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**Read!**

B. F. Morgan Wagner, S. D., Says: "My Little Giant" has done good work; have unloaded three loads of corn, over 30 bushels to the load in less than 15 minutes and wouldn't take \$500 for it if I couldn't get another. Have elevated over 10,000 bushels of corn and 400 bushels of wheat.



Cash  
or Credit—  
30 Days  
FREE

## A New Stove SURE When You See Kalamazoo Prices

Don't let the dealers' high prices keep you from the enjoyment of a new stove this fall. We make the very kind you want among our 400 styles and we'll beat your dealer's price or any middleman's price \$5.00 to \$40.00, according to what you need. You'll be surprised to find that the Kalamazoo—acknowledged the finest stoves made—are sold at prices no one else can approach. The largest factory in the world dealing direct is the reason. Two hundred thousand delighted customers—one or many in nearly every town, is the proof. See testimonials in book or write for names and addresses near you. And prices have been reduced still lower.

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There is no other stove after all like the Kalamazoo. Write us a penny postal to satisfy yourself. If we didn't give what we promise this magazine wouldn't publish this advertisement. And by our plan you select on your own judgment, from big, perfect photographic illustrations, choose the style and price you want. And stove or range is shipped the day we get your order, freight prepaid. If disappointed after a month's trial, return and get your money at once—or any time within a year if flaws develop. Read the legally binding guarantee in free book. Write us now. A better stove and \$10.00 or \$20.00 saved is worth a penny postal. Ask for Catalogue No. 341. When writing mention this paper please.

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## NEW WHEELS For Your Old Wagon

"ELECTRIC" STEELS to fit any wagon—old or new. Make a new wagon of your old gear at small cost. We guarantee fit. Give a low lift—you get more work done in less time, with less labor. Cost less than wood wheels and last longer. Do not rut fields and meadows. Investigate "Electric" Steel Wheels. **ELECTRIC HANDY WAGON**—made of Oak, Hickory and Steel. Just what you want for all kinds of knock-about work. Will last a lifetime. Has unbreakable steel wheels. Easy draft. Let us show you how to save yourself and your team. Write us today for free book. Address: **ELECTRIC WHEEL CO., Box 30, Quincy, Illinois.**

## The Twin City "Forty" Cuts Farming Costs to the Lowest Notch

Because it is designed to use all its power for actual work—the improved four gear transmission eliminating the waste of power caused by the five gear system in other tractors.

Because of its all-steel construction making it the lightest gas tractor for its horse power—requires less power to pull its own weight.

Because the wonderful duplicate oiling system automatically lubricates all working parts without any attention or worry from the operator—using just the proper amount of oil, neither too much nor too little.

Because the simplicity of construction and the use of highest grade materials practically eliminates repair bills.

The Twin City "40" will do more work in one season—whether plowing, hauling, binding or threshing, than any other tractor on the market and do it at a much smaller cost. As proof of this claim, we have scores of letters like this:—

"We believe that we have done about twice as much work with our Twin City '40' this Spring as any other tractor in the country has accomplished and as much as half a dozen tractors working around us have done altogether."

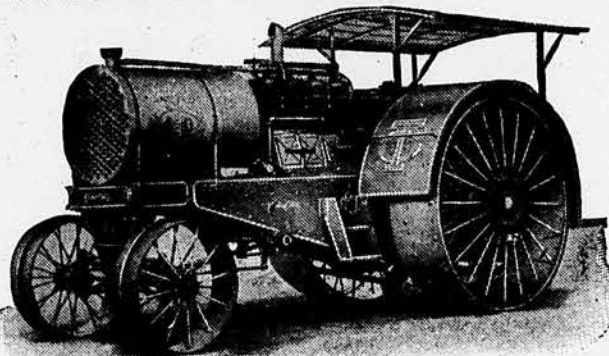
"There is no question that the Twin City '40' is the strongest built, the most powerful, most accessible, and nicest working machine on the market today. It can be made to pay for itself in a short time."—Johnson Bros., Cavalier, N. D.

### Tractor Book "F" is Free

It contains more "meaty" reading on the tractor problem than any book you've read for a long while. Write for your copy today.

"SEEING IS BELIEVING." Our agent, who has a branch salesroom near you, can show you the Twin City "Forty" and all its good points. We'll give you his address.

**Minneapolis Steel & Machinery Company**  
Minneapolis, Minnesota



## CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

Early frosts last week cut off considerable late growing Kafir and other feed, as well as some backward corn. This will mean some immature Kafir grain and chaffy corn, but by far the greater portion of all feed crops were past frost danger at the time and not affected by the premature cold wave. Late gardens were also nipped, but to no great loss as the producing season of nearly all garden crops is over with. Wheat seeding and feed harvesting are the two main farm jobs at present and both are nearly finished. Early sowings of wheat are up and looking fine. In several Oklahoma counties corn husking has begun. All reports state that new corn is starting at 50 cents.

The horse plague is slacking up in all parts of the infected territory and it is believed that within two or three weeks it will have practically disappeared, due to the change in weather. Reporter Traver of Stevens county, Kansas, says that no horses died of the disease in that county, but that some of them were killed by the doping they received. A. O. Brooking, of Logan county, says the loss of horses will mean a smaller acreage of wheat and in all probability reduced acreages of spring crops next year. In Mitchell county it is estimated that 5 per cent or one out of every 20 horses in the county was lost through the plague.

### KANSAS.

**Linn County**—Cool weather and plenty of rain. Heavy frost Sept. 25 did some damage. Large amount of corn being cut. Not much Kafir ripe yet. A few cases of horse disease reported.—C. T. Baker, Sept. 28.

**Finney County**—Some wheat being sown. Everybody busy putting up feed. Had our first frost this week. Horses still dying but not so many as a few weeks ago. Fat cows \$4 to \$5, steers \$6.—F. S. Coen, Sept. 27.

**Osborne County**—Nearly everybody sowing wheat. Ground is dry. Farmers are behind with their work. Elevators are full and cars scarce. Horse plague letting up. Weather cool for the time of year. Light frost Sept. 25.—W. F. Arnold, Sept. 28.

**Wyandotte County**—Corn and Kafir have matured in good shape. Ground in fine condition for wheat seeding. Plenty of feed for all stock. Light frost Sept. 26. Immense crop of apples and many windfalls will go to waste.—G. F. Espenlaub, Sept. 28.

**Scott County**—Harvesting cane seed and putting up feed the order of the day now. No wheat sown yet. Grass curing well for winter pasture. Stock in good shape. Corn yield estimates range from 10 to 30 bushels, cane seed from 8 to 20. Weather cool and dry.—J. M. Helfrick, Sept. 28.

**Logan County**—Feed harvest at its height. Cane and late crops damaged some by freeze and all garden stuff killed. The horse plague seems to be letting up but has caused heavy losses which will mean a light acre-

age of wheat and probably of crops next spring.—A. O. Brookings, Sept. 28.

**Hodgeman County**—Threshing on again after a rest of several days owing to wet weather. Two frosts so far but not heavy enough to affect grasshoppers. The horse epidemic has died down to some extent and everybody is busy putting up feed and preparing ground for wheat.—E. N. Myler, Sept. 28.

**Franklin County**—Rains have made good fall pastures. First frost came Sept. 25 but did little damage. Wheat seeding nearly finished. A few horses have died of plague here. Cattle scarce and high. Few fat hogs. New corn starting at 50 cents. Wheat \$8, butter fat 25.—H. O. Cain, Sept. 27.

**Mitchell County**—First killing frost Sept. 26. Wheat seeding in progress. Ground very dry. The horse disease seems to be dying out. Latest estimates have placed losses at 5 per cent of all horses in county. Everything selling well at sales except horses. Hogs \$8.25, wheat 75 cents, corn 60.—J. H. DePoy, Sept. 28.

**Stevens County**—Farmers busy seeding wheat, gathering broom corn and putting up feed. Crops good this year. Forage crop immense. No frost yet. Wheat ground in fine shape and early sowings are up nice. Help scarce although wages are \$2 to \$2.50 per day. No horses died of disease in this county but some died of medicine given them. Cattle high.—Monroe-Traver, Sept. 27.

**Meade County**—Feed crops are good and will have plenty for stock this winter. Corn harvesters running early and late and not enough on hand. Heavy frost Sept. 25 damaged late feed somewhat. Corn best in years. Wheat threshing about done. Yield will average around 15 bushels. Many horses have died but fewer horses sick since cool weather came.—W. A. Harvey, Sept. 27.

**Marshall County**—Wheat seeding nearly finished and some is up. Corn dried up fast before the last showers. Yields will range from 5 to 40 bushels. Upland alfalfa made only two cuttings this year. Good crop of potatoes. A few horses were lost here. Wheat 78 cents, corn 58 cents, oats 30, potatoes 60, prairie hay \$10, alfalfa \$12, hogs \$7.80, cattle \$3 to \$6.—Frank Stettinisch, Sept. 26.

**Sheridan County**—Feed harvest about over and crop is good. Little wheat seeding done yet on account of horse epidemic. About 2,500 horses have died in the county, entailing a loss of about \$300,000. Fate is giving us a run for our money and farmers are badly discouraged. Markets paralyzed.—R. E. Patterson, Sept. 30.

**Marion County**—A big freeze Sept. 26 killed all green sappy stuff. Most feed will be up by next week. Wheat all sown by Sept. 25 and most of it is up, looking fine. Prairie hay made from half to three-quarters ton per acre but is of good quality. Kafir is good and corn much better than last year. Horse disease has not reached this county.—H. R. Heyland, Sept. 28.

### OKLAHOMA.

**Rogers County**—Had a big frost Sept. 25. Work is very scarce here. Not much of a potato crop. Few hogs in the country. Corn market opening up at 50 cents.—A. Cochran, Sept. 28.

**Kay County**—Weather cool and we had a heavy frost Sept. 26 which damaged the Kafir crop. Corn husking has begun. Stock brings good prices at sales. Hogs \$7.80, new corn 50 cents, eggs 17.—Sherman Jacobs, Sept. 28.

**Pottawatomie County**—Good rains have put ground in fine shape. All late feed out of frost danger. Had light frost last night. Cotton picking being rushed. Fat hogs \$8, fat cattle \$4, potatoes \$1.—L. J. Devore, Sept. 27.

**Grant County**—Good rains have put ground in fine shape for wheat. Nearly everybody is drilling. Kafir grain is poor but fodder is good and is put into silos or cut up for dry feed. Heavy frost Sept. 26 did very little damage.—A. C. Craighead, Sept. 28.

**Lincoln County**—Cool weather and had a frost Sept. 26. All green stuff on lowlands nipped. Much cotton is late as well as some Kafir and milo. Too dry to plow. Cotton picking in progress. Good crop of apples. Cattle high and scarce. Cotton 11½ cents in lint.—J. B. Pomeroy, Sept. 28.

**Garvin County**—Cool, dry weather the last two weeks with a light frost Sept. 26. Corn husking in progress and is making 15 to 20 bushels. Wheat averaged 15 bushels, oats 30. Good crop of cane. Hay made an average crop. Corn 45 cents, oats 35, potatoes \$1.10 to \$1.30, sweets \$1.75.—H. H. Roller, Sept. 30.

**Texas County**—Weather has cleared up and everybody is busy in fields again—threshing, feed cutting, broom corn pulling, etc. Early sown wheat up and looks fine. Large acreage being put out. Frost Sept. 26 did some damage to feed and broom corn. Some horses are sick with the plague. Wheat 73 cents, eggs 17.—F. Free, Sept. 28.

### U. S. Government Jobs Open.

Over 8,000 appointments coming, at from \$60 to \$100 month. Those interested should write immediately to Franklin Institute, Dept. D177, Rochester, N. Y., for free list of positions open.

### Scant Living for Microbes.

A country school teacher was cashing her monthly check at the bank. The teller apologized for the filthy condition of the bills, saying, "I hope you're not afraid of microbes." "Not a bit of it," the schoolmarm replied. "I'm sure no microbes could live on my salary!"—Lippincotts.



# Yes, Sir! I Can Save You a Roll of Greenbacks that Would Choke a Cow —Galloway's Announcement for 1913

**New Models—Fine Improvements—Remarkable Offers of Astonishing Values  
In Engines—Manure Spreaders—Cream Separators—and Other Farm Needs**

**I** WANT to tell you all about it. I want to show you what we have accomplished in the past year for your benefit. I want you to know what one manufacturer and one great plant of direct dealing factories *has done* while others shout—"It can't be done." For years and years Galloway's advance patents, superior quality and low prices have been the envy of other makers. No one has approached our values.

And now—for the greatest year of all our big years—1913. We are ready with machines perfected even beyond our matchless standards of the past—greater values than ever before—leaving our friendly competitors farther in the rear than ever.

It is a great day for me to be able to come before you with this announcement—offering more for your money than ever. And I know you'll reckon it a great day for yourself when you get all the facts in the case—when you see how far ahead of all others the Galloway machines are—when you compare my rock-bottom direct factory prices with those of the dealer—padded enormously with middlemen's profits.

And as for terms—free trial, guarantee, money back, cash or credit, and so on, my policy has always been so liberal, broad and open-handed that I can't find a way of improving for 1913. The best way to prove my terms is to ask some one else to meet them, with his engine, spreader or separator side by side with mine. Or ask one of your neighbor farmers who have tried out the Galloway Implements and the Galloway policy and know. Write for their names and addresses.

**QUALITY** Is the First Issue—Then the  
**PRICE**—Galloway Meets Them Both

And no one else does or can meet these issues as I do because no one else has our patented improvements, our great buying power, our vast quantity of production, our scientific factory systems, our direct methods of dealing—all building up the quality and keeping down the price for your benefit.

Galloway comes in on the volume of sales. I've got over a hundred thousand customers right now. That's proof of the values I give. Every one a booster for Galloway. I want to add another hundred thousand to my list this year. And I'm going to give the values that will get them.

**Is It An Engine You Want?** Well, it's a Galloway you'll get when I show you my latest wonder-worker and quote you my 1913 price. I don't care what size you need—it's in the Galloway line and we'll make a deal—while you save a roll of greenbacks that would choke a cow. Write me about it now.

**Same Way If You Need a Manure Spreader**

—and you do need one badly if you haven't got a Galloway. My 1913 model is bigger, stronger, simpler, quicker-working and lighter in draft than ever before. And that means that it is worth twice as much as any other make. But I'm going to save you \$25.00 to \$50.00 as a bonus over the extra quality. Just send me the coupon or a postal to say you are interested. When you get my book and special personal proposition right back, you are going to be more interested.

**How About a Cream Separator?**

There is only one answer, really if you have two or more cows. The answer is a Galloway Bath-In-Oil Separator—1913 model. It makes every other separator seem about 10 years old. Because it is 10 years ahead of the times in all points of superior work, ease of operation, sanitary features, ease of cleaning, quality of cream skimmed, and permanent durability. No matter what separator you have examined or used before, regardless of price, the new Galloway proves it crude, clumsy and expensive. Yet I'll save you \$20.00 to \$40.00 on price, according to size needed. If you think it sounds too good to be true just remember the free trial at my risk, side by side with any other separator you want to test. But I can make everything clear even before the trial. Just send your name and address. Leave the rest to me.

**1913 Books FREE  
And My New Bulletin of "Extra Specials"**

I've got the most remarkable "Business Library" for the farmer ever compiled. It consists of books on Farm Power and Engines—Farm Manure and Spreaders—The Farm Dairy and Separators—Farm and Home needs of all kinds and how to supply them best for least money. The fact is that a farmer can save hundreds of dollars and make hundreds of dollars more out of the information he gets from these books. I know it—and thousands of farmers who have read my earlier editions know it to their big profit now. Tell me which you want most—Power and Engine book—Manure and Spreader books—Dairy and Separator book, or General Supply book. Or you can have all of them free, postpaid, for the asking. Just state which thing you are likely to buy first so I can write you my proposition and quote prices that will put you on the inside at the start. There is a coupon at the side for your convenience. But a postal or letter will do as well. Yours for 1913 Quality—Savings and Prosperity.

**WM. GALLOWAY, PRESIDENT  
THE WM. GALLOWAY CO.,  
208BS Galloway Station, Waterloo, Ia.  
REMEMBER—We carry stocks of all our machines at Chicago,  
Kansas City, Council Bluffs and Minneapolis—insuring prompt  
shipment.**

## The Wonder of 1913 Galloway's Spreader

Everybody thought Mandt's new gear capped the climax of Manure Spreader efficiency in 1912—couldn't see room for an inch of improvement. But Galloway and his force of inventors and skilled mechanics never rest. That's why Galloway's spreader for 1913 is the wonder of the implement world. Many refinements, more liberal measurements than ever—greater capacities. And the *direct from factory* price saves you a big bunch of real money. Write for new facts and figures today.



**10 Years  
Ahead**

Galloway's new separator makes others look 10 years behind the times. Test, compare, prove it to yourself on 30 to 90 days free trial. Galloway is willing—how about the others?

**Galloway's Bath-In-Oil  
Cream Separator**

Right in line with new improvements that discourage all other manufacturers. Competitors so far behind on price and quality you can't see them with a spy-glass. Get in on a Galloway deal this year sure. Write for advance 1913 Separator Offer.

**Mail This  
Coupon  
NOW**

**30,  
60 or  
90 Days'  
FREE Trial**

**Wm. Galloway, Pres., THE WM. GALLOWAY CO.  
208BS Galloway Station, WATERLOO, IOWA**

I have read your 1913 Announcement and you may send me the books I have marked below with your 1913 bulletin of "Extra Specials," Prices, etc.

Name.....

Town.....

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

☐ Power and Gas Engine ☐ Dairy and Separator  
☐ Manure and Spreader ☐ Book of General Supplies

Put cross in square beside subject interested in.

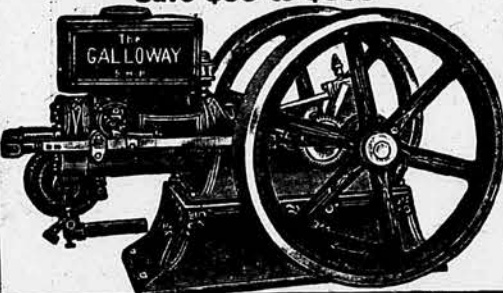
### 1913 Brings the Greater Engine

Yes, sir—greater engine—that's exactly what I mean. Even better than the Galloway engines that have put all other engine makers on the run! Took lots of mighty hard thinking to improve the 1912 models—but that's what we've done. So far in the lead now—others may as well give up if you investigate. Cost more to build—but big savings—am still making you a saving of \$50 to \$300 according to size of engine you need. I'll make up on extra volume of sales.

### Galloway Triumphs

Wait till my competitors see the new Galloway! Wait till they get the laugh from men who buy the new Galloway! They'll have to acknowledge the triumph of Galloway! And in the meantime if you'll write Galloway now, you'll—

**Save \$50 to \$300**







## Poultry Keeping

CONDUCTED FOR FARMERS MAIL AND BREEZE BY REESE V. HICKS, PREST. AMERICAN POULTRY ASSOCIATION.

We want you to talk chicken with us. Good short letters on poultry matters especially welcome. A year's subscription to Farmers Mail and Breeze is awarded each week for the most helpful bit of poultry experience, and for second and third best contributions subscriptions to other useful publications.

Feed, care, and hen sense decide what the profits shall be.

It is not too soon to put houses and coops in shape for winter.

A little iron tonic in the drinking water is good during moulting.

The dull, listless bird cannot be removed from the flock too soon.

After dumping and burning the nesting material whitewash the inside of the nest box.

Corn meal mixed in with a small quantity of shorts and moistened with skim milk makes a good wet mash to fatten the market birds.

When cholera is prevalent in the neighborhood a few lumps of Venetian red

### Reliable Poultry Breeders

#### LEGHORNS.

100 PURE Single Comb prize winning Brown Leghorn cockerels 75 cts. each. Chas. Dorr, Osage City, Kan.

THOROUGHbred S. C. W. L. cockerels \$0.75 if taken now. Hens \$8.00 per dozen. Sarah Rollins, Gretna, Kan.

100 S. C. WHITE LEGHORN hens bred-to-lay. \$1.00 each. 150 early cockerels \$1.00 to \$2.00. Guaranteed winners for any show cheap. Indian Runner ducks \$1.50. Catalogue free. Ackerman Leghorn Farm, Rosedale Sta., Kansas City, Kan.

#### PLYMOUTH ROCKS.

BIG TYPE BARRED ROCKS. A. H. Duff, Larned, Kan.

BUFF PLYMOUTH ROCKS. Early hatched cockerels, prices reasonable. Mrs. Fred Miller, Wakefield, Kan.

BUFF ROCK cockerels and pullets for sale. Promising youngsters weighing from two to three pounds. Write me today about them. William A. Hess, Humboldt, Kan.

WHITE PLYMOUTH ROCKS—We have a choice lot of yearlings and young stock, which are large, pure white and healthy. An excellent laying strain with low combs, yellow legs and skin. Single bird \$1.50, 2 \$2.75, 4 \$5.25, 6 \$7.50. Mrs. Walter Cline, Versailles, Mo.

#### WYANDOTTES.

FINE BUFF WYANDOTTE cockerels and pullets. Catherine Fraser, Haven, Kan.

WHITE WYANDOTTE hens 75c each. Mrs. M. E. Johnson, Humboldt, Kan., R. 2.

BUFF WYANDOTTES—Breeding stock in season. A splendid lot of youngsters coming on. The best bargains to those who buy early. Wheeler & Wylie, Manhattan, Kan.

PURE BRED Silver Laced Wyandotte cocks, cockerels, hens and pullets. \$1.00 to \$2.50 each. Any bird may be returned at my expense if not as represented. H. A. Dressler, Lebo, Kan.

#### SEVERAL VARIETIES.

GOOD White Orpington cockerels. \$1 each. Mrs. Helen Lill, Mt. Hope, Kan.

LOW PRICES—Thoroughbred stock. Sixty varieties. Special list free. Jordan Poultry Farm, Coffeyville, Kan.

300 FINE Single Comb White Leghorn cockerels, at attractive prices. Order early. Armstrong Bros., Arthur, Mo.

43 VARIETIES, poultry, ferrets, pigeons; special prices on young stock. Catalogue 3 cents. Missouri Squab Co., St. Louis.

GUARANTEED thoroughbred S. C. W. Leghorns, S. C. White and Buff Orpingtons. Write J. A. Blunn, Wichita, Kan., Sta. A.

ALL LEADING VARIETIES (including White Orpingtons) \$1.00. Turkeys, ducks, guineas. Kansas Poultry Farms, Emporia, Kan.

FOR SALE—Indian Runner ducks, Barred Rocks and White Cochins Bantams, all young stock. Harry E. Duncan, Humboldt, Kan.

BRED FOR EGGS AND MEAT—Bellevue strain of White and Columbian Wyandottes, S. C. White Leghorns, and Light Brahmas. Stock for sale. Over 30 years in business. Michael K. Boyer, Box T, Hammon, Atlantic county, New Jersey.

in the drinking water is a good preventive.—B. H., Halfa, Ia.

Road dust makes a good material for the hen's dust bath and some poultrymen haul in a quantity of it at this season for use through the winter.

### National Contest's Best Layer

IS THIS WHITE ROCK HEN.

The hen which has made the highest record in the National Egg Laying contest laid 146 eggs in 151 consecutive days, and produced 208 eggs in 9 months. "She is the most industrious hen among the 655 in the contest," writes Secretary T. E. Quisenberry in a letter to Farmers Mail and Breeze. "She goes immediately from the roost about daylight each day into her trap nest. She lays the egg and is released from the nest about 8 o'clock in the morning. She then spends the remainder of the



White Plymouth Rock, Lady Showyou. Best layer in National Egg Laying Contest—producing 208 eggs in nine months.

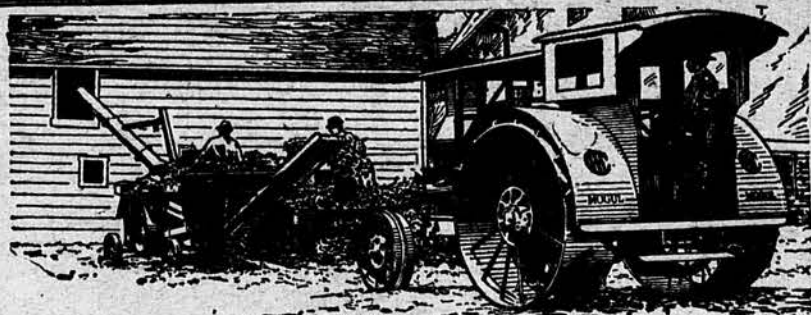
day in eating a large amount of food and drinking lots of water, out of which to manufacture eggs for future days. We can usually tell about when she is going to miss a day. As this time approaches, she lays a little later each day, that is, if she is to miss soon, we will not find her in the nest so early as usual. She will go on at 10 o'clock, the next day at 1 o'clock and the day before she misses, we do not find her on the nest until about 4 o'clock in the afternoon. When we find her on as late as this, she then misses the following day, but the next day has laid by 8 o'clock and keeps it up at that hour until time to miss again. She has only missed laying five days in the past five months, and this has been true of her in each case when she missed a day."

### Capons Make Toothsome Eating.

Mr. Editor—We have found that capons gain much faster in weight than cockerels of the same age and their meat is excellent. To those who find turkeys difficult to raise I should say try a few capons. I believe they would be more satisfied with roast capon than with turkey. Our only instructions on caponizing came through Farmers Mail and Breeze. Mrs. W. M. Stunkard. R. 2, Tulsa, Okla.

### A CHANCE TO MAKE MONEY.

There will be just such a rush for Ozark fruit lands which are being distributed this Fall, as there was to Oklahoma when it was opened for settlement. There is no better fruit district on earth. You are required to have your land planted in fruit trees within three years. An authorized improvement company will do all improving on the installment plan, you paying \$10 a month. While the trees are small, vegetables will be raised between the rows, and you are guaranteed 8 per cent profit the first year and more than that the second and third year. For particulars address the Ozark Fruit & Land Co., Block 112, Pittsburgh, Pa. The company will attend to your orchard for 1-3 the crop. Your 2-3 should bring you an annual profit from \$100 to \$150 per acre. This is surely the chance of a life-time.



## You Can't Overwork An IHC Tractor

Nobody thinks of feeling sorry for a machine. The minute power takes on a form of steel and iron, it loses all right to be considered in the same class with flesh and blood. Horses tire under a strain. Their work is affected by heat and cold. Their power is limited by many conditions. An unfavorable season may cause sickness and possibly death, with losses to the farmer that he is in no position to stand. Not so with an IHC tractor.

### IHC Kerosene-Gasoline Tractors Never Tire

Does the work require long hours? A tractor works twenty-four hours a day, and does just as much work the last hour as the first. It requires no rest except the time taken for oiling. Whether used for plowing, harrowing, harvesting, threshing, hauling, or any other of the many things it will do, it works steadily until the job is done. As soon as one piece of work is finished, the tractor is immediately ready for another.

IHC tractors are made in 12, 15, 20, 25 and 45-horse power sizes, suitable for use on large and small farms, and each as reliable and economical as the other. IHC engines in 1 to 50-horse power sizes furnish convenient power for all farm purposes to which the tractors are not suited. The IHC local dealer will supply you with catalogues and full particulars, or, you may secure them by writing to the address given below.

### International Harvester Company of America

(Incorporated)

Chicago

U S A

#### IHC Service Bureau

The purpose of this Bureau is to furnish, free of charge to all, the best information obtainable on better farming. If you have any worthy questions concerning soils, crops, land drainage, irrigation, fertilizers, etc., make your inquiries specific and send them to IHC Service Bureau, Harvester Building, Chicago, U S A



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SHARPEN your disc with the Simplex Disc Sharpener, while you are discing. Saves time and money. Price \$7.50 complete. Agents wanted. Write at once. Simplex Mfg. Co., 1019 N. 3d St., St. Joseph, Mo.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.

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I. ABRAHAM  
272 N. Main Street, St. Louis, Mo.



## It's Different Now.

We used to smile at pictures gay  
That showed the farmer as a "jay"  
Who chewed a straw and said "By gum!"  
And thought that he was going some  
If he should spend a silver dime  
When up to town to have a time.  
That was the way we talked of yore;  
We do not talk so any more.

Your uncle comes around today  
The owner of a load of hay,  
And livestock, too, and corn and things,  
Enough to ransom petty kings.  
His bank account is something great,  
Besides his bonds and real estate,  
And so his pardon we implore,  
We'll never josh him any more.  
—Washington Star.

## Side Lines as Money Makers

BY THE WOMEN FOLKS.

(This discussion started a few weeks ago over the relative merits of chickens and other farm stock as a means of income for women folks. The advocates of the calf and pig are not maintaining their lead however and it looks as though the poultry advocates were to have a walkaway of it.—Ed.)

Mr. Editor—Two and a half years ago I started with two sheep and since then I have sold \$27.90 worth of wool, two lambs at \$6.00 and I have 11 head on hand now. I also raise chickens but for the amount of work required I think it is more profitable to raise sheep.

Mrs. E. H. French.

R. 1, Salem, Ore.

## All For the Chickens.

Mr. Editor—We have a flock of 150 hens and from February 1 to August 27 we have sold \$225 worth of eggs from them. Who can beat that raising calves or pigs? Besides the eggs sold we set a good many. We have no trouble with sitting hens as we use an incubator and brooder. Chicken raising is not all play but give the flock enough feed, good water, a warm building in winter and shade in summer, and they will reward you abundantly.

Farmer's Daughter.

Rantoul, Kan.

## Raise Chickens for Pleasure.

Mr. Editor—Last year we moved from town to a rundown farm, taking 16 purebred R. I. Reds and two males with us. I wanted to raise as many chickens as possible but sold 14 settings of eggs at \$1 each. I used a 120-egg incubator and a cheap brooder, also setting some hens. I raised 91 pullets to maturity. I sold about 32 cockerels, ate a good many as fries and bought feed with the remainder. I also sold four as breeders for \$1 each. My hens and first pullets began laying in November and from that time they kept us in groceries all through the winter. We fed them about 1/2 bushel of Kafir heads per day and a large quantity of green water cress which grew by the wagon load in a little stream. The flock picked up much of its living after stock

## THE HORSE EPIDEMIC AND LIVE STOCK INSURANCE.

During the epidemic that has been raging through Kansas and Nebraska, the Indiana and Ohio Live Stock Insurance Company of Crawfordsville, Indiana, have not cancelled a single risk that they were carrying for their patrons and have paid their heavy losses promptly.

They continued, and are now accepting business from owners of live stock for amounts not exceeding one-half of the actual cash value of the animals they desire insured.

It is certainly gratifying to owners to have an old-reliable Company, insuring horses, mules and cattle "against death from any cause," operating in this section of the country at this time.

The I. & O. Live Stock Insurance Company has been in business continually since February, 1886, and now has almost a half million dollars in assets, \$200,000 of which is deposited with the Insurance Department of Indiana for the security of all policy holders.

The General Agent of the Company in Kansas is O. P. Updegraff, of Topeka, while W. F. Way, of Lincoln, Nebraska, is the General Agent for that State, both of whom will give prompt attention to letters of inquiry from owners, agents or prospective agents.

We take pleasure in recommending the Company, as well as their General Agents to the owners of horses, mules and cattle in order that they may be able to protect themselves against total loss on their animals that are sure to die sometime.

## Cows and Chickens Pay Bills.

Mr. Editor—I want to take up the chicken raiser's cause. Besides our poultry we milk four or five cows but I prefer the chickens. I have had my troubles with rats and disease but my flock has never failed me. My husband always puts up a stack of Kafir heads right near the hen house and at this time (August 27) the stack is hardly half gone. The stack contained perhaps 60 bushels of grain. This year we have sold \$120 worth of eggs, and \$30 worth of chickens. We have had all we wanted to eat of both and still have 75 young roosters to sell, also 100 pullets for layers. With the money from the cows and chickens I keep up all expenses in the grocery line and have the remainder for my own individual fund.

Utopia, Kan.

A. B. C.

## Cold Weather Egg Rations.

Mr. Editor—We think the greatest profit makers on the farm, for the money invested, are purebred chickens. We have a pen of 54 S. C. R. I. Red pullets that laid 242 eggs during the first two weeks of January when the thermometer registered 10 to 15 below zero and there were 4 inches of snow on the ground. In the morning we feed a warm mash of ground Kafir that was scalded with milk the evening before. At noon they have whole Kafir in a litter and sprouted oats, parched corn and Kafir at night and fresh meat twice a week. Oyster shell, grit and pure water are before them all the time. We find one of the best feeds for laying hens is parched corn and Kafir.

R. 1, Jet, Okla. T. C. Benedict.

Dr. Hess Poultry Pan-a-ce-a contains:  
Potassium Nitrate. An Eliminant.  
Sax Venica. A Nerve Tonic and Stimulant.  
Quassa. A Bitter Stomachic and Appetizer.  
Hypophosphite of Soda. An Internal Antiseptic.  
Iron (Biphosphate). A Blood Builder.  
Iron (Red Oxide). A Blood Builder.  
Carbonate of Lime. An Antacid and shell forming.  
Sodium Chloride. An Appetizer and Cleanser.  
Under the supervision of Dr. Hess (M.D., D.V.S.) the above is carefully compounded and blended with just enough cereal meal to make a perfect mixture.

## Thanksgiving Poultry

Now is the particular season when every poultryman is preparing his surplus stock for market. The old hens, roosters and young cockerels will be headed for the Thanksgiving market, where good prices prevail. The uppermost thought in every poultryman's mind is how to make them weigh the very last ounce.

Keep them well and singing. There it just one natural way for this, and that is by feeding Dr. Hess Poultry Pan-a-ce-a. It tones every organ; it drives out every disease germ.

## Dr. Hess Poultry Pan-a-ce-a

It starts the young pullets to laying, gets the old hens ready for winter duty. Pan-a-ce-a reminds Miss Hen that growing feathers and getting fat and lazy is not her only business. It compels every hen to put her share of eggs in the market basket, by toning up the dormant egg organs. The panel tells just what Pan-a-ce-a consists of and what the U. S. dispensary says every ingredient is for.

**Our proposition.** You buy Dr. Hess Poultry Pan-a-ce-a of your dealer. If it fails to make your hens lay more eggs right now, when eggs are high, and to keep your poultry healthy; also to start the pullets to early laying, he is authorized by us to refund your money. 1 1/2 lbs. 25c (mail or express 40c); 5 lbs. 60c; 12 lbs. \$1.25; 25-lb. pail \$2.50 (except in Canada and extreme West). If your dealer cannot supply you, we will. Send 2c for Dr. Hess 48-page Poultry Book, free.

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Ashland, Ohio

**Dr. Hess Stock Tonic** saves feed by increasing the process of digestion. Hogs can fatten on the grain that passes through steers and other stock undigested—that's reason enough for feeding tonics. Improve digestion and save high-priced feed. Dr. Hess Stock Tonic also supplies iron for the blood, regulates the bowels. In fact, it keeps stock healthy or you get your money back. 100 lbs. \$5.00; 25-lb. pail \$1.60 (except in Canada and extreme West and South). Send 2c for Dr. Hess Stock Book free. Dr. Hess (M. D., D. V. S.) will at any time prescribe for your ailing animals free of charge if you will send him full details. Mention this paper and send 2c stamp. 96-page Veterinary Book also free.

## INSTANT LOUSE KILLER KILLS LICE

and around straw stacks. As to the trouble in raising poultry I enjoy it and would raise them even if I saw very little profit in it.

Mrs. Nellie B. Gobel.

Higgins, Tex.

## Something Coming In Each Day.

Mr. Editor—I aim to keep from 150 to 200 hens each year and for the first seven months of the year my flock has averaged an income of \$19.20 per month from the sale of eggs alone. I still have the hens and chickens left. It takes one person about a half hour each morning and night to care for the flock, two hours once a week to clean out the house, and a half day three or four times a year to spray and whitewash. This is ordinary farm care. Pigs and calves must be kept so long before they return a profit but Biddy brings in something each day.

Lebo, Kan.

Mrs. Janie Hunt.



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## Save Your Horses

## Gleason's Great Horse Book

Shows How to PREVENT and CURE Diseases and Injuries of Horses, Cattle, Hogs and All Other Livestock

The great horse scourge that is sweeping through the western country and causing the death of thousands of valuable horses has proved a very decisive lesson to hundreds of farmers and stock owners that the time to learn how to prevent and cure stock diseases is before the disease has made its appearance. If the farmers of Kansas, Nebraska and the middle west had followed this plan it is more than likely that the lives of practically all of these valuable horses could have been saved.

Professor O. W. Gleason's great veterinary hand-book is admittedly the most authoritative work of the kind ever published. It contains more than 500 profusely illustrated pages dealing with the cause and cure of practically every disease known to horses, cattle, sheep, poultry, swine and dogs, with tried out, proved remedies for each disease.

## FREE To Every Reader of This Paper on Most Liberal Offer Ever Made!

Realizing the need for knowledge such as this book contains we have purchased a large edition from the publishers and are going to distribute the entire lot on a very liberal and very attractive free gift offer among the readers of this paper. We will not charge one cent for the book as we are anxious to get it distributed as widely as possible and to do our part in stopping the present scourge and preventing its repetition in the future.

## Partial Contents of This Great Book

It is impossible in this limited space to name even a very small part of the hundreds of subjects covered in this great book. Gleason's Veterinary Hand Book is based largely upon the works of Robert McClure, M. D., V. S., one of the most uniformly successful veterinarians this country has ever produced. The methods of treating diseases of horses and other domestic animals are based upon the result of actual practice, not mere theory as is the case with most Veterinary books.

Among the many important chapters are, Causes of Diseases, How to Observe Diseases, Treatment of Diseases, Cerebro-Spinal Meningitis, Distemper, Dysentery, Eye Diseases, Fistula, Glanders, Internal Diseases, Kidney Diseases, Poisons, Stomach Diseases, Bowel Diseases, Worms, Etc., Etc.

These are but a few of the hundreds of important subjects covered in Part One of this great book. Special chapters are devoted to the cause and cure of practically every disease known to all livestock.

Part 2 contains Prof. Gleason's famous System of Horse Breaking, Taming and Training. Gleason's marvelous skill in training and treating horses is known throughout the entire world and he is considered the world's greatest authority in this field.

## OUR FREE OFFER:

By a special arrangement direct with the publishers we are able for a limited time to offer "Gleason's Horse Book" absolutely free—postage prepaid—to all who send 50c to pay for three years new or renewal subscription to our big home, news and farm weekly. Send your name and 50c at once.

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## Free Book Coupon

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I am enclosing 50c to pay for a new, renewal or extension subscription for three years to the Kansas Weekly Capital. You are to send me one complete copy of Gleason's Veterinary Hand Book, free and postpaid, as per your advertisement.

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### The Random Shot.

I shot an arrow into the air,  
It fell in the distance, I knew not where,  
Till a neighbor said that it killed his calf  
And I had to pay him \$6 1/2.

I bought some poison to slay some rats,  
And a neighbor swore it killed his cats,  
And rather than argue across the fence  
I paid him \$4 and 50 cents.

One night I set sailing a toy balloon,  
And hoped it would soar till it reached the moon;  
But the candle fell on a farmer's straw  
And he said I must settle or go to law.

And that is the way with the random shot—  
It never hits in the proper spot,  
And the joke you spring, that you think so smart,  
May leave a wound in some fellow's heart.  
—Handshake.

### A Worry Farm Folks Are Spared

The fathers and mothers on the farm are spared one of the greatest worries that comes to the fathers and mothers in town, that is, finding some real work for a town-bred boy to do. It is work and responsibility that develops a boy and makes a man of him, but about the only work around home that can be found for a town boy is cutting the grass on the lawn once or twice a week in summer or the running of errands.

If it is bad for a country boy to loaf, it is ruination for the town boy with catch-penny attractions and cheap shows on every side of him. For this reason the parents of a boy in town dread to see vacation time come around. At that time of year it is not only hard to find something for the town boy to do at home, it is often even harder to find employment for him in business establishments and workshops. When hundreds and thousands of boys are liberated from school the available jobs for hire that may be obtained in the community are soon snapped up.

Something must be done for the town-raised boy in Kansas and a beginning soon is to be made. Recently, Arthur Capper, publisher of Farmers Mail and Breeze and the Topeka Daily Capital, has placed at the disposal of Prof. William A. McKeever of Kansas Agricultural college a scholarship valued at \$200. Under the provisions of this scholarship an advanced student will be appointed to conduct a piece of psychological research relative to determining the many ways whereby city parents may furnish their boys wholesome occupation of their time under home direction during the summer. With the use of former scholarships and in other ways Prof. McKeever has already pursued investigations into many other aspects of the boy problem in Kansas and his bulletins on such subjects are in constant demand in all parts of the world.

### A Farm Adviser For Shawnee

The chances are that Shawnee will be the next Kansas county to employ a county farm adviser. At a meeting of all farm and commercial organizations in the county, called for Saturday afternoon, October 26, the question will be disposed of one way or another. This meeting will be held at the commercial club hall in Topeka under the auspices of the Shawnee County Alfalfa club. The club took the initiative in the matter. By invitation of the club, J. H. Miller, of the Agricultural college, director of college extension, appeared before the organization last Saturday, at a meeting of the club and members of Shawnee county farmers' institutes, and outlined the plan as published on several occasions in Farmers Mail and Breeze. The sentiment at this meeting was strongly in favor of adopting the plan and if the meeting on October 26 acts favorably, a practical man to fill the place will be sought. Mr. Miller advised that not more than 125 farmers get into the movement the first year. The expense will be met by membership fees and donations, by liberal support from the department of agriculture at Washington, and a lump sum of \$1,000 is also available from the Sears-Roebuck fund.

### Believes He Saved His Horses.

Mr. Editor—I have two horses that were taken down with the plague that have recovered and are doing well following a treatment that I think entitles me to Governor Stubbs's reward. I first rubbed them with a mixture of turpentine, grease and coal oil, from ears to rump. Then I covered their backs with a wet blanket and kept it wet with cold

water as long as the fever lasted. I also kept their foreheads and necks wet. If people will watch their horses and put on these wet applications as soon as they notice the head and neck becoming hot, I believe they could pull them through.  
G. F. Coltrin.  
R. 3, Luray, Kan.

### A BIG-VALUE BOOK OFFER TO MAIL AND BREEZE READERS.

"Kansas in the Sixties," by Ex-Governor Samuel J. Crawford.

The story of "Kansas in the Sixties" as told by Samuel J. Crawford, famous as the "War Governor of Kansas," is by far the most interesting historical work ever produced in Kansas. The book is having a large sale all over the country and it deserves a prominent place in the library of every Kansan. It contains something of vital interest to every citizen of the state. Governor Crawford writes in a style peculiarly his own and there is not an uninteresting paragraph in the whole 400 pages of this great Kansas book.

"Kansas in the Sixties" is substantially and handsomely bound in cloth, indexed, and sells for \$2.00 in all the book stores.

We have secured a quantity of these books for distribution among Mail and Breeze readers on this very liberal offer:

Farmers Mail and Breeze one whole year and "Kansas in the Sixties," sent prepaid for only \$2.00—regular price, \$3.00. Send in your subscription or renewal while this offer is still available. Address Mail and Breeze, Topeka, Kan.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.



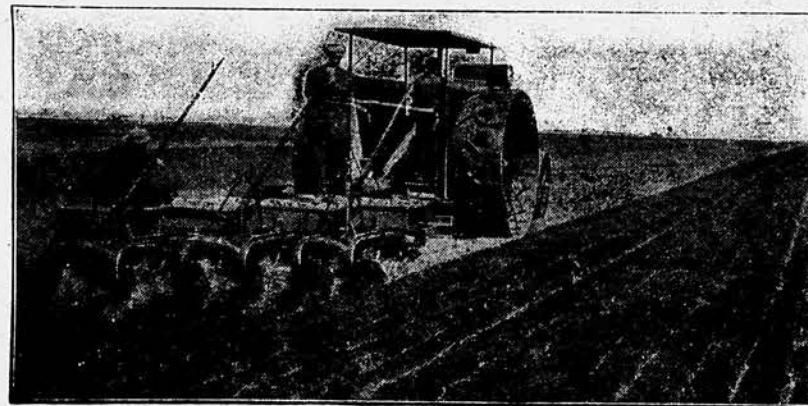
## ANNOUNCEMENT

The most remarkable price change of the automobile epoch will come into operation October 1st, 1912. It has been made possible by the gigantic increase in Ford production. And it brings the matchless Ford well within reach of the average income.

Runabout	- - - - -	\$525
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These new prices f. o. b. Detroit, with all equipment. An early order will mean an early delivery. Get Catalogue No. 321 A, from Ford Motor Company, Detroit, Mich.

## "FLOUR CITY" TRACTOR



### THE TRACTOR THE FARMER CAN RELY UPON

The "FLOUR CITY" is not a promoter's proposition, but a proposition for the farmer. It was brought out with a view of supplying a REALLY AND TRULY GOOD TRACTOR—one that will furnish the power economically, and hang together while doing the work. The "FLOUR CITY" stands for QUALITY. Concentrated effort in one direction has resulted in our turning out a tractor that is the simplest, strongest, smoothest running and most economical of any in the field. We make no claim that the "FLOUR CITY" cannot fulfill. Its record is open. Write for catalog.

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### WE WANT MEN TO LEARN THE BARBER TRADE.

Thousands have become successful shop owners by our method and send to us for barbers. We must supply them. Learn now and accept a job that pays well. Light—clean—inside work. Tools given. Particulars mailed free. Thirty-three branches in all leading cities. Write at once. MOLER SYSTEM OF COLLEGES, 503 Delaware St., Kansas City, Mo.



**AMETHYST FREE BRACELET**  
Handsome Gold Bracelet, set with sparkling Amethyst given for selling 22 beautiful COLORED ART PICTURES (many world famous) at 10 cents each. We trust you. Write for 50 pictures. GEMART CO., Dept. 24 Battle Creek, Mich.

Poultry wire tacked over a shallow box makes a good feeder for bran or a dry mash.



**Hogs Finish Cheapest on Alfalfa**

(Continued from Page 3.)

meal ahead of chopped alfalfa where the ration is one-fourth alfalfa.

**Profit Ration 1 Part Hay 9 Corn.**

It might be advisable to feed one-fourth alfalfa until toward the end of the fattening period and then feed 1-4 alfalfa. The hogs fed 1 part alfalfa and 3 parts corn would have required 25 to 50 pounds more flesh each to have put them in the same condition as the hogs fed corn alone, or corn and less than one-fourth alfalfa.

To compare a ration of corn alone with rations containing 9 parts of corn and 1 part of alfalfa, also to compare chopped alfalfa and alfalfa meal where each forms one-tenth of the ration, 10 pigs were fed each of the rations 94 days.

The average results of the lots fed alfalfa show the following when compared with the lot fed corn only. The hogs fed alfalfa gained .18 of a pound more per head daily and required 55 pounds less grain to produce 100 pounds of gain than those which were fed corn alone. The 55 pounds of corn were replaced by 47 pounds of alfalfa. Fifty-five pounds of corn cost 46 cents and 47 pounds of chopped alfalfa 23 cents, or 47 pounds of alfalfa meal 35 cents. The substitution of alfalfa for corn increased the rate of gains, and reduced the cost of gains 16 cents per 100 pounds. The profit per pig during fattening was greater when the ration contained one-tenth alfalfa than when it was all corn.

A comparison of the results of feeding a ration of corn with alfalfa in the rack and a ration of 9 parts of corn to 1 part of chopped alfalfa shows that these two ways give quite similar returns, but with the balance in favor of feeding the alfalfa without chopping. Where the alfalfa was fed in the rack the gain was faster and cheaper and the profit per hog more than where the alfalfa was chopped and fed with the corn.

The results of five years' tests indicate that for fattening hogs the way to

feed alfalfa most satisfactorily is to feed it without grinding or chopping. This method has given faster and cheaper gains than feeding a like amount of chopped or ground alfalfa, or a larger percentage of either.

By feeding alfalfa hay with the corn, the cost of the increase in the weight of the hogs has been decreased about 50 cents per 100 pounds.

When corn was fed alone, 9 bushels of corn made 100 pounds of gain. When alfalfa hay was fed with the corn, 8 bushels of corn and 50 pounds of hay made 100 pounds of gain. The 50 pounds of hay was worth more in the ration than a bushel of corn, as it made a trifle more gain and made it considerably faster.

**Feeding Alfalfa to Hogs.**

After studying, for several years, the problem of feeding alfalfa hay to hogs we would recommend the following:

Feed a good quality of fourth cutting if possible. If this cannot be obtained, feed the finest and brightest hay obtainable.

Feed the hay in a rack from which it may be eaten easily, or feed twice or three times daily, on hard soil or a feeding floor, throwing aside the refuse left over from the last feed. Feed the coarse stems to the cattle and horses.

**Making Pork With Wheat.**

In fattening hogs with other grain than corn, wheat makes pork faster with less grain per 100 pounds of gain than corn, but the high cost of wheat makes the gains from wheat more expensive than from corn. The profit per pig, if fed one-half wheat and one-half corn while being grown and fattened, is less than if fed corn. This is when both grains are fed with alfalfa.

A ration of barley and corn with alfalfa does not give as rapid gains or as much profit per hog during growth and fattening as a ration of corn and alfalfa.

A substitution of 5 parts tankage, 5 parts bone meal, or 25 parts shorts, for corn, in a ration containing 90 parts corn and 10 parts chopped alfalfa, increases the cost of gains during fattening.

Using 25 parts emmer, barley, wheat, or milo, for corn, in a ration containing 90 parts corn and 10 parts chopped alfalfa, also increases the cost of gains and decreases the profit per hog, excepting emmer, which only increases the profit per hog.

To put it another way, wheat increases gains but decreases profits; emmer increases gains, and barley and milo decrease gains as well as profits.

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A little early handling will make it easy to break the heifer to milk when she first comes fresh.

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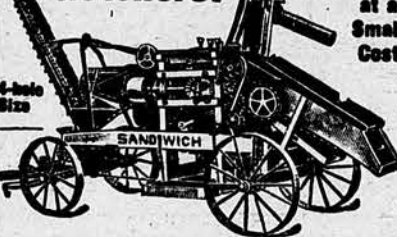
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## The WOMEN FOLKS

Conducted by

Mabel E. Graves

We want this department to be of practical use to the women who read Farmers Mail and Breeze. If you have any favorite recipe, any helpful hint, whether it concerns the family, the kitchen, the children, the house; or if you have anything to say which would be of interest to another woman, send it to the Home Department editor. Prizes for the three best suggestions received each week will be, respectively, a set of triple-plated teaspoons in the beautiful Narcissus design, a year's subscription to the Household magazine, and a year's subscription to the Poultry Culture magazine.

### To Sweeten Rancid Butter.

I will pass along my way of making strong or sour butter sweet, during this weather when one cannot always have sweet butter. I sprinkle soda over the butter and wash two or three times with sweet milk, and the result is butter as nice as though made from sweet cream. Mrs. Ed. Nelson.

Walter, Okla.

### Cold Tomato Catsup.

[Prize Recipe.]

One peck of ripe tomatoes peeled and chopped fine. To the pulp add 3 cups chopped onions, 3 cups chopped celery, 3 cups sugar, 1/2 cup salt, 2 red peppers, 2 teaspoons ground cloves, 2 teaspoons black pepper, 2 teaspoons cinnamon, 2 quarts vinegar. Mix well together and put in open jar. Do not seal. This is fine. C. E. E.

R. 4, Iola, Kan.

### Red Pepper Relish.

Take 12 mango peppers (red, green, or mixed,) 6 good sized onions and 2 roots horseradish, and chop all fine. Add 2 tablespoons celery seed, 2 tablespoons white mustard seed, 1 tablespoon salt, 1 quart vinegar, 1 quart water. Cook all 10 minutes, add 1/4 pound brown sugar and cook 1 hour.

Florella Counts.

Baldwin, Kan.

### Green Tomato Mincemeat.

[Prize Letter.]

One peck green tomatoes, 5 pounds brown sugar, 2 cups vinegar, 2 pounds seeded raisins, 1 tablespoon each of cinnamon, cloves, nutmeg and salt. Chop tomatoes fine, add the salt and let drain over night. In the morning add the other ingredients and cook 2 hours. Seal in glass jars. Make pies of it the same as other mincemeat. These are excellent. Lillie Scott.

Seiling, Okla.

### Enjoys Her Sulphured Fruit.

I have received several letters making further inquiry about my method of sulphuring fruit, published a few weeks ago in the Mail and Breeze. Now the peach season is over I find it very convenient to go to my jar of sulphured fruit when I want to make pies, or sauce. We have used a few "messes" of sulphured string beans; they are as fresh as if just from the garden. Sulphured apples cannot be beaten. We put them up in five-gallon stone jars.

Mrs. B. F. Dutton.

R. 3, Wichita Falls, Tex.

### Candied Sweet Potatoes.

Take 3 medium sized sweet potatoes, 1/2 cup light brown sugar, 3 tablespoons butter and 1/4 cup boiling water. Par-boil the potatoes, skin, and place them in an agate baking pan which is barely large enough to hold them. Add the other ingredients and bake in a moderate oven till the potatoes are tender and a light brown. Baste with the sirup every 15 minutes. Serve hot with the sirup poured over them.

Jessie W. Roberts.

R. 3, Renfrow, Okla.

### Pumpkins For Next Summer.

Some excellent pumpkins do not keep well. Try canning them like other fruit. Cut in small cubes and boil till the pieces are tender but are not broken up. Fill glass cans, cover with the juice and seal.

Or you may proportion the pumpkin and sugar as for pies, and cook down to a thick butter. This must be kept in a cold place.

Another method is to cook the pumpkin very dry, run through a colander, make into cakes like sausage, and dry in the oven. When ready to use the

cakes are soaked a while in the milk before mixing the pie.

Otley, Ia. Katie B. Rigoulot.

### A Cake From Bread Sponge.

For 2 cups of light bread sponge take 1 1/2 cups sugar, 1/2 cup fryings or lard, 1 teaspoon each of cinnamon, nutmeg and cloves, 1 egg, 1 cup raisins and currants, a little more flour if needed to make batter thick, and lastly 1/2 teaspoon soda dissolved in hot water. Let rise in baking pan 1 hour, then bake, not too fast. Mrs. Joseph Bremmer.

Lakemp, Okla.

### Sand Tarts.

[Prize Recipe.]

One cup sugar, 1/2 cup butter mixed with the sugar. In a separate dish put 1 egg, 1/4 cup sour cream, 1-3 teaspoon soda, a few drops mapleine and a pinch of salt. Mix together, then add the sugar and butter mixture and 2 cups flour. Roll thin and over the top spread the beaten white of 1 egg, then sprinkle with sugar and chopped nuts. Pass the rolling pin over it lightly and cut in any shape desired. Place in moderate oven and bake, but do not let brown.

Glade, Kan. Mrs. John Atkinson.

### A Dish-Washing Scheme.

When washing my dishes I stand them in the drainer edgewise, pour hot water over them, and let them drain till I am through with the cooking utensils. Then I polish them with a clean cloth. They are more easily done, look nice, and my tea-cloth is clean longer than if the work was done in some other way.

Mrs. Flora Eater.

Harper, Kan.

### Her Handiest Kitchen Tool.

My handiest kitchen tool? Don't smile. It's a whisk broom. But allow me to whisper, more than one is needed. Now let me take them on their round of usefulness. First we will clean the washing machine, wringer, pails, tubs, etc., then this willow chair. Next the windows. Oh, dear! this dust from yesterday's wind! Well, just select a broom a trifle worn and brush every trace of it away. And the window is a perfect fright; every corner filled with mud from dust and rain. A pan of water and an old whisk, and lo, it's soon shining.

New we will brush the crumbs from the table, cupboard and pantry, then sprinkle the clothes and polish the stove. Now for the closets to brush the coarser clothing, then the upholstered furniture in the parlor. Also those picture frames with this old, soft broom. It has been used in hot suds so much it won't scratch. We must now sweep and scrub all the corners and out of the way places, not forgetting the stairs. There are so many corners there. One broom worn to a stub? We'll just go back to the kitchen and try it on that stubborn, sticky kettle. And here's a lot of muddy potatoes. Let us put them into this large pan with a pail of water over them and use a good stiff broom.

Tired? Yes, a crusade with the whisk broom is always tiring, so let us wash them in some clean suds and hang them up by those little strings to dry. But before you have finished you will find many more places to use the handy little whisk broom.

Mrs. Ruth A. Leazenby.

Norton, Kan.

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with the Capital Handy Stocking Darner. Fits any sewing machine. Will darn a sock or mend a hole in a grain sack in five minutes. So simple a child can use it. Mail and Breeze 13 numbers and one Darner 35c; 26 numbers and one Darner 55c; 52 numbers (one year) and Darner for \$1.00. Address Mail and Breeze, Topeka, Kan.

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## Are You

## FAT?

I Was ONCE.

I Reduced MYSELF.

I was Fat, Uncomfortable, Looked Old, Felt Miserable, suffered with Rheumatism, Asthma, Neuralgia. When I worked or walked, I puffed like a Porpoise. I took every advertised medicine I could find. I Starved, Sweated, Exercised, Doctored and changed climate but I ruined my digestion, felt like an invalid but steadily gained weight. There was not a single plan or drug that I heard of that I did not try. I failed to reduce my weight. I dropped society, as I did not care to be the butt of all the jokes. It was embarrassing to have my friends tell me I was getting Stout, as no one knew it better than myself.

### SOMETHING HAD TO BE DONE

I began to study the cause of FAT. When I discovered the cause I found the remedy. The French Method gave me an insight. I improved on that. Removed the objectional features, added more pleasant ones, and then I tried my plan on myself for a week. It worked like Magic. I could have

### SCREAMED WITH JOY

at the end of the first week when the scales told me I had lost ten pounds by my simple, easy, harmless, Drugless Method. It was a pleasure then to continue until I regained my normal self in size. I feel fifteen years younger. I look fifteen years younger. My Double Chin has entirely disappeared. I can walk or work now. I can climb a mountain. I am normal in size. I can weigh just what I want to weigh. I am master of my own body now. I did not starve, but eat all I wanted to. I did not take Sweat Baths. I did not Drug. I used no Electricity, or harmful exercises, but I found the Simple, Safe, Common Sense WAY of reducing my weight and I applied it. I have tried it on others. My Doctor says I am a perfect picture of health now. I am no longer ailing. I am now a happy, healthy woman. Now I am going to help others to be happy. I have written a book on the subject. If you are fat, I want you to have it. It will tell you all about my Harmless, Drugless Method. To all who send me their name and address I mail it FREE, as long as the present supply lasts. It will save you Money. Save you from Harmful Drugs. Save you from Starvation Diets. Harmful Exercises, possibly save YOUR LIFE. It is yours for the asking without a penny. Just send your name and address. A Postal Card will do and I'll be glad to send it so that you can quickly learn how to reduce yourself and be as happy as I am. Write to-day as this advertisement may not appear again in this paper.

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



- 5112—Ladies' Waist Lining, 8 sizes, 32 to 46 inches bust measure.  
 5956—Ladies' Dress, having seven-gore skirt, 6 sizes, 32 to 42 bust.  
 5948—Two-Piece Skirt, 5 sizes, 22 to 30 inches waist measure.  
 4847—Boys' Russian Blouse Suit, sizes 2, 4, 6 yrs.  
 4784—Girls' Dress, 4 sizes, 6 to 12 yrs.  
 4882—Dressing Sack, 6 sizes, 32 to 42 bust.  
 5739—Ladies' Empire Dress, closed in front, and having five-gore skirt, 6 sizes, 32 to 42 bust.  
 4554—Four-Gore Circular Skirt, 6 sizes, 22 to 32 waist.  
 5951—Child's Coat, with or without hood, sizes 3, 5, 7 yrs.  
 5947—Boys' Russian Suit, sizes 2, 4, 6 yrs.

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**BE SURE TO GIVE NUMBER AND SIZE.**

## If You Didn't Go To College.

Two little words once attracted my attention and they still hold my thoughts: "Marginal resources." Most of us find our time well occupied with the main issues of life. Our work, whatever it may be in store, field, kitchen or nursery, demands our undivided attention while we are "at it," and we are at it most of the time. I believe there are none of us, however, but have moments, half-hours, possibly hours, when we could let up from the constant tension. Here is where the Chautauqua reading course fits in. It was originated

for busy people who have aspirations for rising to higher intellectual and moral planes in spite of adverse circumstances. The Chautauqua course includes four books yearly, a monthly magazine, and a home year book. The books are new, written yearly, especially for Chautauqua study, by competent and up-to-date authors. The Chautauqua course is full of things worth while, and every article is helpful. The complete course consists of four years study, and a diploma is given by the mother Chautauqua in New York. The cost is \$5 per year. One can commence at any time. All literature and information is sent out from headquarters. Those who want detailed information should write to the Chautauqua Press, Chautauqua, New York.

Alice Elizabeth Wells.  
 Princeton, Kan.

## Club Women Study Housekeeping.

The club women of Kansas are going to study housekeeping. Any woman's club in Kansas that desires to devote a meeting now and then to discussions of home problems can get a course of suitable programs from the extension department of the Agricultural college. The college has been asked repeatedly to give assistance in selecting subjects and suggesting programs for clubs that wish to take up such study. Accordingly, 24 suggestive programs have been prepared and now are ready to be sent out. This is the list:

Industrial Training for the Young, Bread, Textiles and Clothing, The Kitchen as a Work Shop, Relation of Women to Civic Affairs, The Aesthetic Influence of Our Country Upon Our Homes, Modern High School, Reading Matter in the Home, Vegetables, Children and Their Well-Being, Women the Spenders, Modern Graded School System, Fruit, Modern Household Conveniences, Meat and Other Protein Foods, Household Accounts, The Modern Home, Beauty in the Home, Home Nursing, Some Phases of Womanhood, Science in the Household, Food and Food Values, Community Improvement, Canning and Preserving.

Any woman's club may have the entire list of programs, or it may choose from the list just those that meet its requirements. Having made its selection the club may obtain the ones desired, free, on application to the extension department.

## Underwear For Little Folks.

A good way to make warm undershirts for the little folks at little cost, is to take the men's last winter's heavy shirts that have worn out in places and cut off the tails to make the skirts. Then take the upper part of the sleeves and cut in two along the seams, and you have cloth enough to make the waist; and the little one will be warm and comfortable.

Mrs. T. C. Roberts.

Burrton, Kans.

## The Lords of Creation.

A little girl wrote this composition on men: "Men are what women marry. They drink and smoke and swear, but they don't go to church. Perhaps if they wore bonnets they would. They are more logical than women and also more zoological. Both men and women sprung from monkeys, but the women sprung farther than men."

Mrs. D. B. Stewart.

Columbia, Mo.

## SIX SILVER NARCISSUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Plated Narcissus Spoons made by the famous Oxford Silver Plate Co. Each spoon is extra heavy, full standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

**EVERY CHILD SHOULD HAVE THE Faultless Starch Twin Dolls**  
 Miss Lily White and Miss Phoebe Prim.

If you will use the best starch made both of these rag dolls, each 12 1/2 inches high and ready to cut out and stuff, will be sent to any address, postpaid, on receipt of six fronts of 10 cent Faultless Starch packages, or twelve fronts of 5 cent Faultless Starch packages, or 3 cents in stamps to cover postage and packing. On either doll will be sent on receipt of three 10 cent fronts or six 5 cent fronts and 4 cents in stamps. Cut out this ad. It will be accepted in place of one 10 cent front, or two 5 cent fronts. Only one ad will be accepted with each application.

**FAULTLESS STARCH CO., Kansas City, Mo.**  
 1627 West Eighth Street.

**Infant's Coat Pattern**  
 THE ONLY ONE OF ITS KIND.  
 What's Baby's Comfort is Mother's Delight.

A coat made from this pattern can be put on and taken off with ease, without forcing the baby's arms backward (much to his discomfort) as is done with the ordinary kind of coat. Has overlapping back portions. Insures convenience for Mother and comfort for Baby. We will send you one of these patterns, postpaid, for ten cents. (Silver or stamps.)

**Newcome Pattern Company, Station B, Topeka, Kan.**

**\$50.00 TO \$100.00 A MONTH**  
 For Spare Time.—Experience not needed. Want active man each locality. Introduce us to friends. Benefits for sickness, injury, death. Write for Cash-Bonus offer. **THE I-L-U 755, COVINGTON, KY.**

**\$100** MONTHLY and expenses to trustworthy men and women to travel and distribute samples; big manufacturer. Steady work. S. Scheffer, Treas., O. W. Chicago

## ECZEMA

CAN BE CURED. My mild, soothing, guaranteed cure does it and FREE SAMPLE proves it. **STOPS THE ITCHING and cures to day. WRITE NOW—TODAY.**  
**DR. CANNADAY, 235 Park Square, Sodala, Mo.**

# Great Majestic

## Malleable and Charcoal Iron Range

## The Range With A Reputation

Buying a new range is a matter worthy of your most careful consideration. It is a mistake to buy from pretty pictures and glowing printed descriptions—very inferior ranges are plentifully applied with both. Before deciding upon a range, the wise woman will go to the local dealer handling them and examine closely into the superior points of merit of the **Great Majestic**—the range with a reputation, built on honor—of the best materials.

## Won't Break or Rust Like Steel—Outwears Three Ordinary Ranges

It is the **ONLY** range made of malleable iron and charcoal iron. Charcoal iron won't rust like steel—malleable iron can't break, and while the first cost of a **Great Majestic** may be more than others, it outwears 3 ordinary ranges.

## All Copper Movable Reservoir

Heated through copper pocket stamped from one piece of copper, setting against fire. Holds 15 gal. By turning lever, frame and reservoir—moves away from fire—patented feature only on **Majestic**.

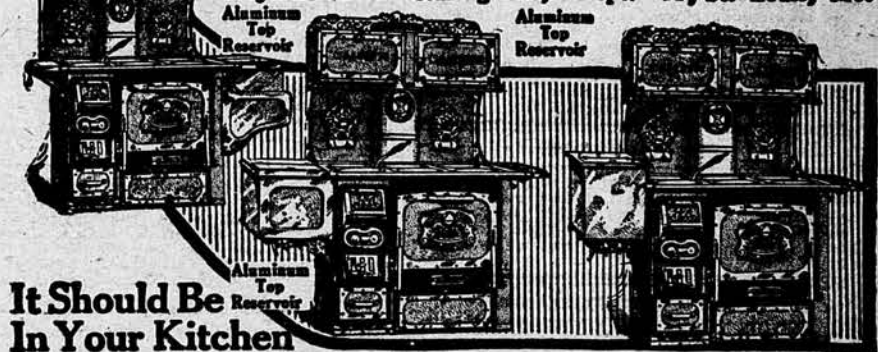
## Perfect Baker—Fuel Saver

The **Majestic** is put together with rivets—joints and seams remain air tight.

The oven is lined with guaranteed pure asbestos board, put there to stay covered with an iron grate—you can see it. Uses but half the fuel used in other ranges, gives an absolutely even dependable baking heat.

The **Majestic** is for sale by the best dealers in nearly every county in 40 states. Write for our booklet, "Range Comparison."

**Majestic Manufacturing Co., Dept. 11, St. Louis, Mo.**



It Should Be In Your Kitchen

**YES!!** → **Every Woman Can Accept This Great Offer!**

It is the most liberal, most attractive, most astonishing offer ever made. This beautiful Sewing Machine may be yours almost for nothing. Worth \$40—sold to my club members only at half price—no money down—30 days free trial then pay my half price in little 50-cent payments. Warranted 10 years—money back if it doesn't please. Hundreds of letters prove quality. It is THE machine for YOU—at lowest price ever quoted—just half its value. But Listen! Read On!

**Will You Send 10 Names of Friends to Get This "Gold Medal" Sewing Machine FREE**

Thousands have already written for membership in my great club. I want every locality represented. My wonderful new plan makes it possible for you to get this Machine Absolutely Free by sending me just 10 names of lady friends. No canvassing or soliciting for you to do. This great free machine offer good for short time only. Get my instructions quick! Don't send the 10 names until I ask for them,—but send your name and address for full details now. Don't miss this—it's the best offer ever made. Write today—a postal card will do. Address,

**CAPPER SEWING MACHINE CLUB,**  
 Dept. 69  
 Topeka, Kan.



## FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department at the low price of 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. No order taken for less than \$1. This does not mean that a single insertion of your ad must cost \$1, but that your total order must reach \$1. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

### HORSES, CATTLE, HOGS, SHEEP.

HEREFORD bulls for sale. W. R. Hildreth, Oswego, Kan.

PEDIGREE Poland China boar pigs. W. Richmond, Argonia, Kan.

POLANDS either sex, Meddlers both sides. Fancy. U. A. Gore, Seward, Kan.

FOR SALE—20 head registered Shorthorn cattle. W. W. Dunham, Silver Lake, Kan.

REGISTERED Tamworth hogs for sale, either sex, various ages. Frank Franklin, Vinita, Okla.

SHROPSHIRE rams and ewes for sale. All registered. Prices reasonable. J. M. Shetlar, Moran, Kan.

FOR SALE—Registered Shropshire rams and ewes; also Scotch collie puppies. W. T. Hammond, Portia, Kan.

FOR SALE—75 head registered Shorthorns. The good Collie bull Engle Prince at head of herd. P. L. McEchron, Princeton, Kan.

FOR SALE—Six registered Shropshire rams. Good breeding; fine large individuals. Will please you. G. M. Fisher, R. R. 4, Wichita, Kan.

SHROPSHIRE—Iowa's pioneer breeders and importers. Established 1858. Registered yearlings and 2-year-olds from home bred and imported dams. 80 registered 4-year-old ewes, superior quality, farmer's prices. Satisfaction guaranteed. Dan'l Leonard & Sons, Corning, Iowa.

### HORSES.

SHEPHERD ponies for sale or exchange for stock hogs, cows or mares. Give full description in first letter of what you have to offer. Hicks Bros., 1253 Van Buren St., Topeka, Kan.

### SEEDS AND NURSERIES.

CHOICE seed Mammoth White rye. Lawndale Seed Farm, Hlawatha, Kan.

FOR \$1 I will send you eight apple, pear, cherry, peach or plum, 2-yr. grafted trees, 20 gooseberry, currant, grape or rhubarb, or 75 blackberry or 100 asparagus plants. Catalogue free. Manhattan Nursery, Manhattan, Kan.

### FOR SALE.

FOR SALE—3 table pool hall, separate or together. Geo. Butts, Topeka.

10,000 FERRETS for sale. Write for price list and catalog, it's free. DeKleine Bros., Jamestown, Mich., Box 56.

10 H. P. Skinner & Wood portable-stationary steam engine and boiler at a bargain. E. A. Gardiner, Eskridge, Kan.

GENUINE Para Rubber fountain pen sent to any address, fifty cents, postpaid. Universal Company, Pittsburgh, Penna.

DAIRY FOR SALE—One mile from Nevada, Mo.; doing business of over \$5,000 per year; 60 head cattle, 160 acres land; will sell for price of land alone. Curd Mitchell, Nevada, Mo.

PUBLIC SALE—At my ranch 2 miles north of Aroya, Cheyenne Co., Colo., Oct. 8th, 1912, at 10 o'clock, I will sell to the highest responsible bidder, a lease on my 1,600 acre stock ranch to Mch., 1914, also all horses, cattle, and farm machinery. An abundance of living water, 25 acres under pump irrigation. For further particulars, terms, etc., write W. E. Campbell, Aroya, Colo.

### FOR EXCHANGE.

TELEPHONE SYSTEM, in southwest Missouri; two exchanges, toll and rural lines; growing rapidly; price \$7,500; prefer improved farm; also fine Gulf Coast land for trade; describe fully what you offer. Box 37, Gravette, Ark.

### FOR SALE OR EXCHANGE.

FOR SALE OR TRADE—Complete house moving outfit. Cheap. Box 68, Vermillion, Kan.

FOR EXCHANGE—\$2,200 equity in 80 acre Iowa farm for threshing outfit. W. W. Dunham, Silver Lake, Kan.

SALE—EXCHANGE. Farms, ranches, merchandise properties, anywhere. Description first letter. J. S. McBrayer, McCook, Neb.

FOR SALE OR EXCHANGE—Will sell for \$1,000 or exchange for livestock, first class livery stock in a good town. Address M. S., care Mall and Breeze.

NO COMMISSION—Sell or trade your farm, city property or business quick, save time and money. Inclose stamp. W. C. Schiede, Siloam Springs, Ark.

### FARM WANTED.

FARMS wanted for mdse. or cash. Quick deals. Fred Wolf, Abilene, Kan.

WILL BUY good farm. Well situated. Owners only. Give description and price. Addr. Coons, Box 754, Chicago.

FARMS WANTED. We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

### LANDS.

HOMESTEADS—Special information. Riverside Kolona, Harrison, Ark.

ONE or two smooth quarters Lane Co., Kansas, for shoes. Sidney Schmidt, Chillicothe, Mo.

I AM BUYING heavily mortgaged farms. Must be bargains. Give description. Box 62, Virgil, Kan.

160 ACRES, sixty in cultivation, six room house. Prospects of oil development. Theo. Lower, Coyle, Okla.

ATTENTION STOCKMEN—Get my bargain price for 1/4 sec. creek stock ranch. Harding, Box 447, Clyde, Kan.

FOR SALE—Good bottom alfalfa farms; prices from \$60 up. Send for price list; it's free. The Earth Realty Co., Salina, Kan.

\$5 DOWN, \$5 MONTHLY buys 40 acres near town, southern Missouri. Price \$175.00. Write for list cheap lands. Box 372, Carthage, Mo.

GOOD Turkey Creek bottom farm for sale. Write owner for price and description. Chas. Snedaker, R. F. D. No. 4, Hennessey, Okla.

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

OZARK HOMES. 40 acres improved \$450. Another one \$800. Write me for full description. Owner, S. Norman, Girdner, Mo.

COM 1 in Liberty county. Light cut-over or black prairie land. Cheapest good land in Texas. Tell me your wants. C. N. Smith, Cleveland, Texas.

REAL ESTATE men, I solicit your co-operation in selling properties in the famous artesian belt of the mid-coast country of Texas. J. M. Hughes, Collegeport, Texas.

IMPROVED 160 for sale, eastern Kan., \$6,000. Part time if wanted. Good black soil. Improved 80; for full particulars address R. M. Wright, owner, Erie, Kan.; R. No. 4.

CAREY ACT and deeded irrigated lands, \$40 an acre. Eight year payments. Big crops, unlimited water. Fares refunded purchasers. Wyoming Development Co., Wheatland, Wyo.

FOR SALE OR TRADE—160 acres fine irrigated land in the Pecos Valley, N. M. 80 acres alfalfa, 20 acres pasture, balance under cultivation. Address Owner, Box 366, Roswell, N. Mex.

FOR SALE—Southeast Wyoming—Homes for hundreds; better crops, cheaper land than the Dakotas; one crop pays for land; mild climate, soft water, railroads, schools; easy terms. W. F. Whitehead, Hillsdale, Wyo.

MINNESOTA FARMS—Money making farms throughout the entire state, \$10 an acre up; livestock, implements and crop often included. Wild lands, \$2.00 per acre up. Send for free plat. Schwab Bros., 123 Guaranty Loan Bldg., Minneapolis, Minn.

MANY Kansans live in the famous Pecos Valley of New Mexico, the land of alfalfa, fruit, sunshine and health. Why don't you? Write us for full particulars. We can sell you any sized tract here, or make exchange for your property there. Lock Box 1, Hagerman, N. M.

MISSISSIPPI, Alabama and Florida farms, highly productive, harvesting something every month in year, where winters don't consume what summers produce, healthy delightful climate, low prices, easy terms. Land salesmen wanted. Big commissions. American Land Company, 1208 Boyce Bldg., Chicago.

stock and hay ranches, well watered, fenced, good buildings, near railroads and good towns. Soil rich loam that grows large crops, timothy, clover, alfalfa, all small grains, etc. Any size wanted. Prices \$5.00 per acre up, easy terms. Large colonization tracts \$1.25 per acre up. Investigate. Tipton & Co., Hope, Idaho.

OREGON and Southern Washington. Write before investing or coming West, so you can learn the facts about the Oregon country; its attractive climate and its agricultural and other opportunities. Official information gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner will be sent free on request; all inquiries answered in painstaking detail. For full information write to Room 637, Portland Commercial Club, Portland, Ore.

### DOGS.

CHOICE Coach pups. D. H. Bibens, Garfield, Kan.

TRAINED coon hounds for sale. Tom Rice, Garnett, Kan.

SCOTCH COLLIE puppies. Western Home Kennels, St. John, Kan.

FOX TERRIER male puppies. \$5.00 each. Chas. Sanders, Allen, Kan.

60 FOX terriers. Best rat, pet or watch dogs on earth. T. H. Kaldenberg, Pella, Iowa.

PURE BRED Scotch collie puppies now ready for shipment. M. L. Dickson, Englewood, Kan.

SCOTCH collie pups. Sable and white. Eligible to registration. Wyandale Don at stud, fee \$5. C. Holliday, Woodbine, Kan.

### FARMS FOR SALE.

SECURE CASH for your property, no matter where located. Write for particulars, giving full description. National Property Salesman Co., Dept. 1, Omaha, Neb.

FARM—163 acres, in Marshall county, Kansas; worth \$100 per acre; nearly all creek bottom; one mile from town; will consider an offer for this farm. R. L. Rinker, 716 Commerce Bldg., Kansas City, Mo.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 100,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 25c per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

### MALE HELP WANTED.

WANTED—Men prepare as Firemen, Brakemen, Electric Motormen, Colored Train Porters. Hundreds put to work. \$65 to \$100 month. No experience necessary. 500 more wanted. Write Inter. Railway, Dept. 66, Indianapolis, Ind.

GOVERNMENT WANTS HELP. Write for list of positions open. Franklin Institute, Dept. F 56, Rochester, N. Y.

WANTED—Immediately, men and women for government positions. Fall examinations everywhere. Prepare now. Trial examination free. Write Ozment, 38, St. Louis.

K. C. BARBER COLLEGE—Cheapest and best school in the West; only school having 2 separate pay departments; earn while you learn; success assured; no graft on tools. Call or write 15 W. 5th, K. C., Mo.

SALESMEN wanted in Kansas, Oklahoma, Missouri and Arkansas. Work full or part time, as you prefer. Pay weekly. Outfit free. The Lawrence Nurseries, Lawrence, Kan.

500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$60 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F. care of Mail and Breeze.

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is big chance here for you, sure and generous pay lifetime employment. Easy to get. Just ask for booklet A 68. No obligation. Earl Hopkins, Washington, D. C.

YOUR opportunity to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinarily liberal commissions to salesmen. Send one bank reference with application. Address, Circulation Manager, Farmers Mail and Breeze, Topeka, 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. 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. Address E. R. Marden, Pres. The National Co-operative Real Estate Company, L 157 Marden Building, Washington, D. C.

### FEMALE HELP WANTED.

WANTED—Ten young women, high school graduates preferred, age 20 or over, to fill vacancies in the Training School for Nurses, St. Louis City Hospital, 900 beds, excellent opportunities. Two years' course, salary while you are in school. Write before October 15 to Supt. Nurses, 800 City Hospital, St. Louis, Mo.

WOMEN AND GIRLS wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$6 a day in spare time; no talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka.

### AGENTS WANTED.

LIVE men make good money with our proposition; hustlers wanted in every county. Griffith & Evans, 646 Tauromec, Kansas City, Kan.

WANTED—Men in every town in Mo., Kan., Ill., Neb., Okla., Ark. to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

CAN USE a few old experienced salesmen for Oklahoma and Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

### PATENTS.

WRITE for my free booklet of Advice and Warning to Inventors and Patentees. Thomas Bemis, Indianapolis, Indiana.

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

IDEAS WANTED—Manufacturers are writing for patents procured through me. 3 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.

### WANTED.

E. R. BOYNTON HAY CO., Kansas City, Mo. Receivers and shippers. Try us.

WANTED—Safety razor blades to sharpen. W. L. Travis, 1600 Fillmore St., Topeka, Kan.

MEN AND WOMEN WANTED for government jobs. \$80.00 month. Write for list of positions open. Franklin Institute, Dept. F 56, Rochester, N. Y.

MAN, middle aged, wants work on farm; milk, do odd jobs; handy around house; honest, reliable. Also young man, 20 years old, wants work; is good hand. E. Stevens, Cave Springs, Ark.

WANTED; MEN AND WOMEN; for government positions. \$80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept. F 56, Rochester, N. Y.

### MISCELLANEOUS.

MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule. 1404 Grand, Kansas City.

HARNESSES—Our harness is correctly made and prices right. Write for catalogue. Ed Klein, Lawrence, Kan.

LEARN TELEGRAPHY—Positions guaranteed. Free catalogue. Barry's Telegraph Institute, Minneapolis, Minn.

MONEY lovers listen. Make big money quickly, either sex. Send 10c for particulars. Kern Supply Co., E. Millstadt, Ill.

YOUR address and business on 100 Letter Heads, 100 Envelopes and 100 Cards, \$1.00. Send stamp for sample. Bank reference. Quinter Printery, Quinter, Kan.

GOING TO BUILD? We can save you money on your lumber bill. Prices and particulars free. Send address on postal. Keystone Lumber Company, Tacoma, Wash.

BAD DEBTS collected everywhere, on commission, without suit. Bank references given. Established 1889 by N. S. Martin & Co., Collecting Agency, Arkansas City, Kan.

\$250.00 PAID for distributing 2,000 free packages Perfumed Soap Powder in your town. Reliable men or women. No money required. M. B. Ward & Co., 1770 Berceau Ave., Chicago.

FROM DANCE HALL to White Slavery. Cloth Book, 400 pages, illustrated, only \$1.00. Helpful in every home. Agents wanted. Big money quick. Experience unnecessary. Outfit free. Star Publishing Co., 222 Madison St., Chicago.

WANTED—A location to operate a Rumely Special Alfalfa Huller size 40x56 with self feeder, blower and recleaner. Will ship any place. First class work guaranteed. Would also like to hear of a good threshing run for this fall. Write to Max C. L. Krummel, Rice, Kan.

BIG WESTERN WEEKLY 6 MONTHS 10c—Biggest and best general weekly published in the west. Interesting and instructive departments for young and old. Tells about opportunities in the west for ambitious men. Special offer, 6 months' trial subscription—26 big issues—10c. Address Weekly Capital, Department W. A. 12, Topeka, Kansas.

YOUNG MAN, would you accept and wear a fine tailor made suit, just for showing it to your friends? Or a Slip-on Raincoat Free? Could you use \$5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beautiful samples, styles and this wonderful offer. Banner Tailoring Company, Dept. 836, Chicago.

INFORMATION wanted about my father, Ebner White, who disappeared in Missouri about 1875 while enroute with family to Arkansas from Sycamore Springs, Butler county, Kansas, where he lived in 1873 and 1874. Anyone knowing anything of my father's disappearance or of my father's brothers, kindly write me. J. M. White, Clement, Kan.

### LEGAL.

HOUSE CONCURRENT RESOLUTION No. 3. Granting equal rights and privileges to women.

Be it resolved by the Legislature of the State of Kansas, two-thirds of the members elected to each House thereof concurring therein:

That the following proposition to amend the constitution of the state of Kansas be hereby submitted to the qualified electors of the state for their approval or rejection, namely:

Section 1. The rights of citizens of the state of Kansas to vote and hold office shall not be denied or abridged on account of sex.

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title:

"Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

Sec. 3. This amendment, if adopted, shall be known as section 8 of article 6 of the constitution of the state of Kansas.

Sec. 4. This resolution shall take effect and be in force from and after its publication in the statute book.

Passed the House February 7, 1911.

Passed the Senate February 8, 1911.

Approved February 9, 1911.

I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.

CHAS. H. SESSIONS, Secretary of State.



# MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

All western markets except Chicago reported large receipts of cattle Monday of this week. Prices were weak, for all kinds of killing stock, except the best, and steady for other grades. Buyers do not expect the big run to continue much longer and for that reason are buying freely.

Last week receipts of cattle at the five western markets exceeded 200,000. This is the first time this year that the 200,000 mark has been passed and is due directly to the large movement of western cattle. Chicago received a liberal supply from the Northwest, Omaha, St. Joseph and Kansas City from the big range territory adjacent received large supplies and St. Louis drew from the Arkansas and Oklahoma districts. At no market did the receipts of grain fat steers amount to more than 25 per cent of a normal supply, so that the main market was made with grass fat steers. In the supply half fat western, wintered western, and straight grass fat western steers were the main classes. The first class brought \$3.75 to \$3.50 with full fed western steers up to \$3.10. The second class brought \$2.50 to \$3.65, and straight grassers \$3.75 to \$3.25, the last class showing an unusual price range and quality. In a general way prices were down 15 to 25 cents, though extremes were stronger to 40 cents lower. Western steers are the lowest of the season, and a new record was made for prime fat steers in Kansas City at \$10.90. Chicago duplicated the preceding week's top price by selling some at \$11 a hundred pounds. Grain fat steers, with finish, have lost none of their velvet, and in the next two weeks better than \$11 will be paid for the right kind. The next two weeks, according to country reports, receipts of cattle will be large. Heavy frosts last week made pasture men anxious to clean up for the season, and with demand still broad they will find outlet channels broad, though prices may be shaded to some extent. At the same time killers see the finish of the grassers, and will buy large supplies, as it will be their last chance to get any low priced beef this season. Should prices come in for a decided break a good many western grass steers will be winter fed in localities close to where they were pastured.

## Canners the Season's Surprise.

"Canner" cows are selling at \$3 to \$3.75, and at those prices killers say they could use more. The high prices that have prevailed for some time past on beef caused an unusual demand for canned meats, and now packers find their supply unusually low and the close of the rainy season only a few weeks off. This practically insures high prices for common cows through the entire winter season. Butcher cows and heifers are selling from \$4 to \$3.25, most of cows bringing \$4.25 to \$6. Veal calves are scarce and in strong demand. Veal is relatively the most expensive meat on the market. Bulls sell at \$3.50 to \$5.50, and the offerings are sought eagerly.

## The Season's Buying Opportunity.

Last week large supplies of stockers and feeders went to country points. Prices fell back moderately and at the decline were at the low point of the season. The next two weeks will afford the season's buying opportunity and those who desire cattle had better get them before the smaller supplies set in. Good cattle in all classes are offered, though breeding classes are the scarcest.

## Featureless Hog Market.

Hog prices were boosted 5 to 10 cents on Monday. The top price in Chicago was \$3.95; in St. Louis \$3.95; in St. Joseph \$3.75; Kansas City \$3.72½; and Omaha \$3.80. Prices for hogs last week kept within the range of the preceding week, though the high and low points were on opposite

days. The week opened lower and closed higher, but demand from packers was uneven. On Wednesday packers fell out of the competition when there was little shipping demand, but later in the day came back and cleared up the supply. Heavy hogs are beginning to forge to the front, and in a few weeks heavy hogs will be bringing a premium over medium and light weights. The winter packing season opens the first of November and then heavy hogs will be the main requirement of the trade. A good many sick hogs are still coming and last week pigs were quoted down 25 cents. October receipts will be small, as new corn will be available for feeding, and the high prices of the past few weeks have drawn the bulk of the fat hogs to market.

## The Movement in 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	74,625	29,300	65,500
Chicago	52,400	38,000	178,000
Omaha	34,700	22,200	144,800
St. Louis	38,900	33,500	24,700
St. Joseph	12,880	24,100	23,500
Total	213,505	197,600	439,500
Preceding week	190,150	203,100	319,450
Year ago	203,845	257,650	856,010

The following table shows a comparison in prices on best offerings of livestock at Kansas City and Chicago for this date and one year ago.

	Cattle	Hogs	Sheep
Per 100 lbs. 1912 1911	1912 1911	1912 1911	1912 1911
Chicago	\$11.00 \$8.15	\$8.90 \$6.80	\$5.40 \$4.40
Kan. City	10.90 7.85	8.75 6.50	5.35 4.85

The following table shows receipts of cattle, hogs and sheep at each of the five western markets Monday, September 30:

	Cattle	Hogs	Sheep
Kansas City	31,000	3,500	27,000
Chicago	18,000	23,000	60,000
Omaha	11,000	2,700	44,000
St. Louis	15,000	8,000	3,500
St. Joseph	5,000	4,000	8,500
Total	80,000	41,200	143,000
A week ago	81,600	45,600	131,000
A year ago	84,300	45,200	124,500

## Horse and Mule Market.

Demand for horses and mules in the past few days has been active and prices are firm. Cotton mules and southern horses have sold readily, the limit to the trade being the small supply. Eastern buyers were short on their orders, and quality in heavy horses has been lacking. St. Louis reported an active demand for mine and cotton mules and Kansas City shipped 75 head to South Africa. There were some shipments of construction mules to the West from both points.

## Grain and Hay Higher.

Increased demand caused much better prices for grain last week. Wheat was up 2 to 3 cents a bushel, but lost part of the advance. Corn was up about 2 cents from the low level last week and oats steady. Owing to the scarcity of cars railroads are behind with their shipments. Receipts of hay have been light. Straw was quoted up 50 cents a ton; packing hay, alfalfa and prairie hay \$1 to \$2 a ton. Timothy and the clovers were scarce at firm prices.

The following prices prevail for grain in Kansas City and St. Louis:

	Kansas City	St. Louis
Wheat—		
Hard No. 2...	85½ @ .88	.90½ @ .92½
Soft No. 2....	1.00 @ 1.03	1.04 @ 1.06½
Corn—		
White No. 2..	.71 @ .71½	.74 @ .75
Mixed corn ..	.70 @ .71	.69 @ .70
Oats—		
No. 2 white..	.34½ @ .35	.32 @ .32½
No. 2 mixed..	.33½ @ .34	.33 @ .34

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1912 1911	1912 1911	1912 1911	1912 1911
Chicago....	\$1.04 \$1.15	70 70½	33½ 48%
Kan. City..	1.01 1.08	71½ 67½	34½ 47

## Seeds.

Kafir corn, No. 2 white, \$1.20@1.25 a cwt.; No. 3 white, \$1.17 a cwt.; alfalfa, \$9 @12 a cwt.; flaxseed, \$1.45 a bushel; timothy, \$1.50@1.75 a bushel.

## Dull Broomcorn Demand.

The movement of the new crop of broomcorn is greatly delayed by the high prices asked by growers and an indisposition on the part of buyers. Sales reported in the past few days were at steady prices. Choice green selfworking corn is quoted at \$5 to \$10 a ton; fair to good, \$5 to \$8, and common to fair, \$2 to \$4 a ton. Some of the brush has been so badly damaged by recent rains it is doubtful where it possesses any marketable value.

# 5,000 acres sold to Kansas and Oklahoma Farmers

at the **BIG OPENING** of **"Kentwood Farms"**

Kentwood, Louisiana

Scores took advantage of the excursion rates and came to see this land. To date over 5,000 acres have been sold. The Brooks-Scanlon "KENTWOOD FARMS" are located in the famous Orange Belt of Louisiana. The district enjoys the best train service from the Kentwood and Eastern Railway and is only three to eleven miles from the main trunk line of the Illinois Central. New Orleans, the chief metropolis and seaport of the entire South, and one of the best markets in the world for farm products, is only 83 miles distant.

## KENTWOOD FARMS is the Best Place in America

For a man to raise big crops of corn, oats, grasses, vegetables and fruit. Here you can plant every month. You can harvest crops in each of the 12 months and you can raise at least three crops a year on the same ground. If you cannot do as well as this on your present farm you are wasting time, or if you are renting a farm you should come to Kentwood at once and become a farm owner.

**We Guarantee This Land.** Your money back with interest if you can't make it pay. Plenty of rain, no irrigation necessary. Plenty of sunshine. No floods. High ground, no malaria, no mosquitoes. Lumber at wholesale, and a guarantee that your crops will make a profit in 12 months' time if worked under the directions of our expert, or we refund the money. All land \$20 an acre. \$2.00 an acre at time of selection, four years to pay balance.

## SPECIAL HOME-SEEKER'S RATES

October 15th on all railroads. Ask your station Agent or write to C. H. McNIE, Land Commissioner, Brooks-Scanlon Co., Kentwood & Eastern Railway, Kentwood, La.

**C. H. McNIE, Land Commissioner, Brooks-Scanlon Co., Kentwood, La.**

Please send me your Big Free Book and complete information about KENTWOOD FARMS.

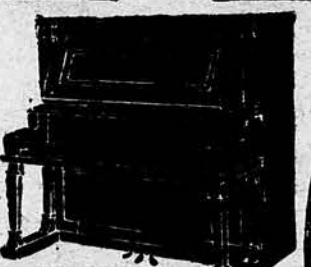
Name.....

R. F. D.....

Town..... State.....

**NEXT EXCURSION**  
Date Tuesday  
**Oct 15th**  
MAIL COUPON  
TO DAY

# FREE



1st Prize, \$400 Piano  
2nd Prize - - \$75 Diamond  
3rd Prize - \$50 Gold Watch  
4th Prize - \$30 Phonograph  
5th Prize, \$10 Fireless Cooker

## Five Grand Prizes! Hundreds of Special Awards

## Big Cash Earnings For All

This is positively the most liberal contest offer ever made! In this contest you have a SURE chance to win up to \$5 or more each day as well as an equal opportunity with all other contestants to earn one or more of the 5 grand prizes and the many special awards to be given away in this great contest. In this contest you can't lose. If you work at all you are paid for every minute of your time. You should find it no difficult task to earn clear profits of from \$15 to \$25 or more each week—and if you do even this well you are almost sure to win one of the valuable special awards as well as one of the five grand prizes—possibly the First Prize, a \$400 Guaranteed Piano!

## The Weekly Capital's Greatest Subscription Contest!!

The object of this contest is to get subscriptions to the Weekly Capital, the well-known news weekly and home and family paper published by Arthur Capper at Topeka, Kansas. The subscription price of the Weekly Capital is only 25c a year—less than half a cent a copy—and at that price it is the biggest newspaper value ever offered.

It is a paper which will interest every member of every family. It contains features and departments of interest to ALL and for that reason, and on account of its very low subscription price—only a quarter a year—you should be able to get a subscription in every home, store and office in any city, town, village or farming district of all the great central west.

## Open to Everybody—and Everybody Wins!

This contest is open to every man, woman, boy or girl in the United States. The contest closes Saturday, November 30, 1912, and on that date the five Grand Prizes will be awarded to the five contestants who have sent in the most subscriptions to the Weekly Capital. In addition to the grand prizes and special awards every contestant receives a commission of 40% out of all subscription money collected. If you average only 25 subscriptions a day you would be earning \$15 a week—and would be sure of one of the special awards and have an excellent chance at the first Grand Prize! It doesn't cost you a cent to enter this contest. Just send your name and address and we will send you a full outfit of supplies and start you in the work at once. You have just as good a chance to win as anybody has and you can't lose, because you are sure of getting pay for

every minute you devote to the work. Get in now at the start of the contest—and get in to win.

## Cut Out and Mail This Coupon

Manager Weekly Capital Contest,  
Dept. 12, Topeka, Kansas:

Dear Sir: I wish to enter the Weekly Capital Subscription Contest. Please enter my name as one of the contestants and send me full particulars, sample copy, subscription blanks, etc., free of all cost and postage prepaid.

My Name.....

Address.....

Address "WEEKLY CAPITAL CONTEST, Dept. 12, Topeka, Kan.

**SAVE 1/4 OF EVERY \$1.00**

Every mouthful of unground feed your stock eats means a waste of 25 to 30%. Would you let that amount rot in the field unharvested? No! Then GRIND IT on a

**STOVER OR IDEAL FEED MILL**

SEND FOR CATALOG

We also build Sowers, Wind Mills, Pump Jacks, Hand Grinding Mills for Pottery, Bakers, Grocers, Engineers, Bridge Builders and many other machines.

**STOVER MANUFACTURING CO.**  
112 Ideal Avenue, FREEPORT, ILLINOIS



## WHAT BREEDERS ARE DOING

FRANK HOWARD,  
Manager Livestock Department.

### FIELDMEN.

A. E. Hunter, Kansas and Oklahoma, 410 Williams street, Wichita, Kan.  
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.  
C. H. Walker, Kansas, Missouri and Nebraska, 1015 Central, Kansas City, Mo.  
Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.  
Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.  
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.  
H. W. Graham, Iowa and Illinois, Chillicothe, Mo.  
E. R. Dorsey, Girard, Kan.

### PUREBRED STOCK SALES.

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

### Percheron Horses.

Oct. 25—T. H. Well, Blairtown, Ia.  
Dec. 17—Le Brothers, Harveyville, Kans. at Manhattan, Kans.

### Jacks.

Oct. 10—J. B. Coates, Prue, Okla.

### Poland China Hogs.

Oct. 9—Herman Gronniger & Sons, Bendena, Kan.  
Oct. 10—Peter Ellerbroek & Sons, Sheldon, Ia.  
Oct. 11—Thos. Murphy & Sons, Corbin, Kan.  
Oct. 15—H. C. Graner, Lancaster, Kan.  
Oct. 16—H. B. Walter, Effingham, Kan.  
Oct. 18—Harry Wales, Peculiar, Mo.  
Oct. 19—H. C. Lookabaugh, Watonga, Okla.  
Oct. 19—W. E. Long, Meriden, Kan.  
Oct. 19—C. L. Branic, Hiawatha, Kan.  
Oct. 22—Jno. W. Noll, Winchester, Kan.  
Oct. 24—L. E. Klein, Zeandale, Kan.  
Oct. 24—J. R. Mingle, Anthony, Kan.  
Nov. 1—Walter Hildwein, Fairview, Kan.  
Nov. 1—J. E. Willis, Prairie View, Kan.  
Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.  
Nov. 2—E. J. Manderscheid, St. John, Kan.  
Nov. 2—H. H. Hamilton & Son, Guide Rock, Neb.  
Nov. 9—A. C. Lobough, Washington, Kan.  
Nov. 9—Lomax & Starrett, Leona, Kan.  
Nov. 13—Herman Gronniger & Sons, Bendena, Kan.  
Nov. 15—W. M. Watt & Sons, Green City, Mo.  
Nov. 16—E. C. Logan, Solomon Rapids, Kan.  
Nov. 27—F. W. Comfort, Cawker City, Kan.  
Dec. 11—H. C. Graner, Lancaster, Kan.  
Jan. 20—Roy Johnston, South Mound, Kan.  
Jan. 30—C. W. Jones, Solomon, Kan.  
Feb. 5—J. L. Griffiths, Riley, Kan.  
Feb. 6—H. Pesenmeyer, Clarinda, Ia.  
Feb. 7—Peter Ellerbroek & Sons, Sheldon, Ia.  
Feb. 15—L. E. Holmes, Bloomington, Neb.  
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.  
Feb. 18—J. H. Harter, Westmoreland, Kan.  
Feb. 22—C. L. Branic, Hiawatha, Kan.  
Feb. 22—C. C. Ingram, Bloomington, Neb.

### Duroc-Jersey Hogs.

Oct. 17—Moser & Fitzwater, Goff, Kan.  
Oct. 23—J. J. Baker, Independence, Kan.  
Oct. 29—W. W. Bales & Sons, Manhattan, Kan.  
Oct. 30—Thompson Bros., Garrison, Kan.  
Oct. 30—W. T. Hutchinson, Cleveland, Mo.  
Oct. 31—R. C. Beachler, Mahaska, Kan.  
Oct. 31—Philip Albrecht & Son, Athol, Kan.  
Nov. 8—H. B. Miner, Guide Rock, Neb.  
Nov. 12—Lant Bros., Dennis, Kan.  
Nov. 13—Sam'l Drybread, Elk City, Kan.  
Nov. 14—W. W. Oley & Sons, Winfield, Kan.  
Nov. 15—F. P. Sylvester, Hennessey, Okla.  
Jan. 8—Munsell & Isenberg, Herington, Kan.  
Jan. 15—H. B. Miner, Guide Rock, Neb.  
Jan. 16—F. C. Crocker, Filley, Neb.  
Jan. 22—Thompson Bros., Garrison, Kan.  
Jan. 25—Glenn Keeseecker, Washington, Kan.  
Jan. 29—W. E. Monasmith, Formoso, Kan.  
Jan. 30—Leon Carter, Asherville, Kan.  
Jan. 31—W. H. Seddon, Persla, Ia.  
Feb. 4—J. O. Hunt, Marysville, Kan.  
Feb. 6—Samuelson Bros., Cleburne, Kan.  
Feb. 6—Samuelson Bros., Blaine, Kan.  
Feb. 7—A. T. Cross, Guide Rock, Neb.  
Feb. 8—Geo. E. Garrett, Bloomington, Neb.  
Feb. 11—H. H. Shaw, Hebron, Neb.  
Feb. 20—Geo. W. Schwab, Clay Center, Neb.  
Feb. 21—W. C. Whitney, Agra, Kan.  
Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

### O. I. C. Swine.

Feb. 6—H. L. Bode, Friend, Neb.  
Feb. 7—Chas. H. Murray, Friend, Neb.

### Hampshire Hogs.

Nov. 14—D. H. De Kalb, De Kalb, Ia.

### Shorthorns.

Oct. 11—Thos. Murphy & Sons, Corbin, Kan.  
Oct. 16—H. C. Lookabaugh, Watonga, Okla.  
Nov. 12—Combination sale, Ottawa, Kan.  
C. S. Nevius, Chiles, Kan., Mgr.  
Nov. 15—W. M. Watt & Sons, Green City, Mo.  
Nov. 21—J. F. Stodder, Burden, Kan.

### Herefords.

Oct. 23—O. Harris & Sons, Harris, Mo.  
Oct. 24—Gudgell & Simpson, Independence, Mo., at Kansas City.

### Aberdeen Angus.

Oct. 23—W. F. Eckles, Green City, Mo.

### Holsteins.

Feb. 4—Rock Broom Farm, Omaha, Neb.

### Kansas and Oklahoma.

BY A. B. HUNTER.

R. C. Watson, the noted Duroc-Jersey breeder of Altoona, Kan., writes that he has had good rains in his county recently

and that the alfalfa fields are starting up nicely. Mr. Watson has one of the especially well bred herds of Duroc-Jerseys in Kansas. He is making special prices on boars and gilts, also May pigs of either sex. These pigs are sired by R. C. Buddy and are very fine. If in need of anything in this line write Mr. Watson describing your wants and he will give you an immediate answer.

### Last Call Murphy & Sons' Sale.

Remember that Murphy & Sons, Corbin, Kan., will sell 50 head of Poland Chinas and 12 purebred Shorthorns at public auction Friday, October 11. These Poland Chinas will consist of a choice selection of spring boars and gilts from a large crop of this spring's raising. There will be 20 head of large, roomy, tried sows by large type boars and out of large type sows and bred to Last Chance, a medium type boar with unusual size and smoothness. There will be few, if any, sales in southern Kansas this season where hogs of equal size and quality will be offered. The cattle are richly bred and the six young bulls are especially good. The Cleveland Bay stallion Progressive 1163, offered at private treaty, is a splendid individual. He is an 8-year-old horse and in his class has few equals. He can be bought far below the figure he is worth. Write today for catalog.

### Shorthorn and Poland China Sale.

H. C. Lookabaugh, Watonga, Okla., will sell at Pleasant Valley Stock Farm, Wednesday, October 16, 45 head of Shorthorns,

## PURE BRED SALES NEXT WEEK

### POLAND CHINA HOGS

TUESDAY, OCTOBER 8—T. J. Meisner, Sabetha, Kansas.  
WEDNESDAY, OCTOBER 9—Herman Gronniger & Sons, Bendena, Kansas.  
THURSDAY, OCTOBER 10—Peter Ellerbroek & Sons, Sheldon, Iowa.  
FRIDAY, OCTOBER 11—Thos. B. Murphy & Sons, Corbin, Kansas.

### SHORTHORN CATTLE

FRIDAY, OCTOBER 11—Thos. B. Murphy & Sons, Corbin, Kansas.

selected from his herd of over 200 head of purebred cattle. They will consist of five young bulls, the kind that make herd leaders. The females will consist of 40 choice cows and heifers, some with calf at foot and re-bred. They are safe in calf to such sires as the junior champion Violet Search, Lavender Lord, by Avondale and Prince Abbott. This offering will contain plenty of prize winning blood and numerous show prospects. This herd won this year the Topeka State Fair prizes for first on produce of cow, second on aged cow, third on 2-year-old heifer, third on junior yearling bull, senior bull calf and on get of sire, fourth on junior bull calf, junior heifer calf and on senior yearling heifer. This makes nine times inside of the prize money with hot competition at a fair like Topeka had this year, and is something that no other herd from Oklahoma has ever done before. The Poland Chinas will be sold Thursday, October 17, the day following the cattle sale. There will be sold 50 head consisting of tried sows, fall yearlings and spring gilts; also a few spring boars. They carry the blood of Big Hadley, Expansion, Designer, Major Look, Good Metal and Long John together with the blood of perfection bred types. Most of the sows will either have litter at side or be showing safe in pig to Col. Hadley, by Big Hadley's Model. Write today for catalog, mentioning this paper.

### Kansas and Nebraska.

BY J. W. JOHNSON.

Mr. A. C. Lobough, Washington, Kan., the well known Poland China breeder of that place has recently purchased a young herd boar from L. R. McClarnon, Braddyville, Ia. He was sired by Big Orange and his dam was by old Big King. He was

and everything is raised there that can be raised in Kansas. Corn, cotton and all kinds of small grain. Mr. Jacobson says that fruit grows there in abundance except apples which do not do well. Every other fruit that grows here does equally as well and most of it better. The land is cheap and can be had on easy payments. Excursions under the supervision of Mr. Jacobson go there every month. You better get in touch with him and arrange to go. Write for printed matter descriptive of this great country.

### Blue Valley Col's Get.

In this issue Harry Givens, Blue Rapids, Kan., is starting his advertisement in which he is offering for sale 18 last February and March Duroc-Jersey boars. These boars were sired by Blue Valley Col., by Skadden's Wonder, by Elder's Wonder. It is a line of breeding that has proven very popular over northern Kansas and the 18 boars that Mr. Givens is offering are out of choice sows that have the scale and quality. These boars are very large for their age and have good colors, good backs and feet and are an unusually good lot of young boars. Look up Mr. Givens's ad in this issue and write him for prices.

### Hartman Offers Boars or Sows.

J. J. Hartman, Elmo, Kan., has called off his boar and gilt sale which was to have been held October 25 and will make a bred sow sale during the winter. He has a few choice spring boars and some fall boars for sale and they are good, too. Corn was not as good in his locality as it was other places and he felt that he could sell his boars at private sale and keep his choice gilts for his bred sow sale. These boars, which are exceptionally good, will be priced right. He has some tried sows that will farrow in October for im-

## We Offer, Subject to Prior Sale, 10,000 Shares

of the 7% Cumulative Preferred Stock of the Avery Company of Peoria, Illinois, Manufacturers of Agricultural Implements. Price par, \$100 a share and accrued dividend.

## JOHN A. PRESCOTT & COMPANY

First National Bank Building  
Kansas City, Missouri.

farrowed February 26 last and arrived at his new home in Washington county last week. The date of Mr. Lobough's sale is November 9 and in this sale he will sell 25 gilts and young sows and 20 boars. It is likely he will sell a few of the sows with a breeding privilege to his new boar. We will have more to tell you about this splendid Poland China offering soon.

### Call to the Southland.

While at Salina, Kan., last week I called on Hugo Jacobson, immigration agent for the Louisiana and Gulf Railway company, who are subdividing the big plantations of the section of the state through which their road runs. Mr. Jacobson, who has offices in the Central office building in Salina, has just returned from there and is firm in the belief that it is one of the rarest opportunities ever offered the poor man with a small amount of money who wants to buy a home. The soil is rich and the country generally ideal for farming. Good climate, plenty of water and sunshine

mediate sale at reasonable prices. There are three last November boars for sale in this lot that are surely good and just the thing for the breeder who wishes to breed older sows soon. Mr. Hartman breeds the strictly big type and is the owner of two herd boars that are as good as you will find anywhere. Hartman's Hadley, by Knox All Hadley, is a 2-year-old boar that you ought to see. Blue Valley Jr. by Blue Valley Quality, is another boar of real merit, sired by Thos. F. Walker's great herd boar and out of an Expansion dam. Mr. Hartman starts his advertisement again in this issue and will sell these boars worth the money. Also some tried sows bred to farrow in October. Look up his advertisement.

### Farmer, Stockman, Statesman.

E. C. Logan, Beloit, Kan., has postponed his Poland China boar and gilt sale from October 23 to November 16. The sale will be advertised in Farmers Mail and Breeze in due time and the catalog will be out about November 1. Mr. Logan's Poland China Herd is well and favorably known all over northern Kansas and the draft of boars and gilts that will be sold from it on the above date will prove one of exceptional merit. Mr. Logan is the farmer and breeder's candidate for state senator from the Mitchell-Jewell senatorial district. He is also very popular with the other business interests of those counties but it is his farmer friends that are pushing his candidacy and it was his popularity with both that resulted in his nomination in the primaries without any opposition. Mitchell county owes the success, in no small measure, of her big state wide fair to the determined efforts of Mr. Logan, and the big breeders' association of that county which is the pride of the county was brought into existence and carried to a point of prominence and worth largely through his efforts. He has been a quiet but determined worker for both institutions and because of his well known popularity with the farmers and stockmen of this part of the state he was selected three years ago a member of the board of directors of the state fair at Topeka. He will be elected in November with a big majority and the stockmen and farmers will find that they have for once elected a true friend to their interests as well as to all other interests of the state. His good farm three miles west of Beloit is the home of one of the strongest herds of Poland Chinas in the state and of other good stock as well.

### Kansas, Missouri and Iowa.

BY C. H. WALKER.

### Oklahoma Jack Sale.

J. B. Coates, of Prue, Okla., will sell seven registered jacks at Riverside farm, Thursday, October 10. The offering will include the noted herd jack, Longfellow. The other jacks range in ages from 1 to 7 years. This is an opportune time to buy a jack as the demand for breeding stock in this line will be heavier the coming season than for several years past. This is a good offering of jacks and the sale is easy to reach. Prue is on the M. K. & T. railroad between Cleveland and Tulsa, Okla. Parties interested in good jacks should attend this sale.

### Last Call—Meisner's Sale.

We want to again urge breeders who are in the market for good breeding stock to be in attendance at the T. J. Meisner Poland China sale to be held at Sabetha, Kan., Tuesday, October 8. For good utility Polands, of the big type, the Meisner offering each year is hard to beat. The get of his quartet of top boars, Metal's Choice, and the Expansive, Gold Metal and Long King's Equal boars are hard to duplicate. They are the prove out kind, the kind that will make the buyer money. Much has been said in previous issues of this good offering. It will please those looking for good stock. Arrange to be Mr. Meisner's guest state day. The sale is next Tuesday.

### Don't Forget Gronniger's Sale.

The 30 head of fall and spring yearling sows which Herman Gronniger & Sons will sell at Bendena, Kan., on next Wednesday, October 9, have attracted wide attention. This is natural. It is one of the greatest offerings of matured sows to be sold this year. The sale of so many good ones is especially attractive at this time, which has been appreciated by every breeder. The boar offering is in the same class as the sow offering making the sale as a whole a very important one. Arrange to attend both the Meisner and Gronniger sales. They come on Tuesday and Wednesday of next week.

### Long's Good Poland Offering.

W. E. Long, of Meriden, Kas., will sell on his farm near that place, Friday, October 18, a selected offering of 50 head of his big Poland Chinas. In this sale the get of King Mastodon 2d and Long's Wonder are the outstanding features. These two boars in breeding, individuality and their ability to sire top stock are among the foremost of big type boars of the breed. King Mastodon 2d especially is a boar that for size, quality, smoothness and his proven ability to transmit these desired characteristics to his get, is hard to beat. He is bred right and is the





type of boar one naturally would expect from such ancestry. He is by King Mastodon by old Mastodon and is out of the famous A Wonder sow, Lady Mastodon 96th. Long's Wonder is by Ellerbrook's A Wonder and out of a dam by Fesemmyer's A Wonder. It will be seen that these two boars carry the cream of the best Iowa breeding and breeders will readily realize the advantage in buying stock in this sale. A choice lot of 1911 fall and 1912 spring boars will be sold and a like number of sows and gilts. As an added attraction Mr. Long is putting in a half dozen tried sows, daughters of the most popular big type boars. The offering as a whole offers selection of both herd header boars and choice breeding sows and gilts that should be investigated. The advertisement in this issue gives more complete information. Read it and send for a catalog. Kindly mention this paper.

#### Graner Sells Tops.

Two of the offerings of big type Poland Chinas from two of Kansas' most prominent herds will be held on October 15 and 16 by H. C. Graner and H. B. Walter at Lancaster, Kan., and Effingham, Kan. We make mention of these two sales at this time for the reason that both can be attended on one trip as the sales are close together. But in this connection we want especially to tell of H. C. Graner's offering on October 15. For a good many years Mr. Graner has annually sold a high class lot of hogs. In his coming sale he is adhering strictly to his principle of putting up only first class breeding stock. His sale offering numbers 40 head and consists of 17 boars, 13 yearlings and four 1912 boars, four tried sows, eight yearling sows, 10 fall 1911 gilts and two spring gilts. Guy's Monarch, Kansas Victor, Long King's Best, A Wonder and other equally prominent boars are the sires of the younger stock and the sows include daughters of Expansion, Gold Metal, Capt. Hutch, Mogul's Monarch and Colossus. In this offering breeders will find a wealth of high class boars and sows. The sale is of special prominence at this time for the reason that so many matured females will be sold. Of the boar offering we mention King Jumbo

(Illustrated in the advertising this issue) as being one of the topsy herd boar prospects to be sold this fall. He is an outstanding pig and is sired by that great breeding boar, Long King's Best. The sale is full of attractions and breeders should make it a point to be there. Write for catalog per advertisement elsewhere and kindly mention Farmers Mail and Breeze.

#### The Royal Sales.

The American Royal sales of breeding and feeding cattle have become its most valuable feature, for many visitors. The prospective cattle raiser, the farmer who wants to start a herd or who needs a good bull or cow to improve his herd, finds the Royal the safest opportunity to get stock. The breed associations conduct the sales of breeding stock, and some of the offerings are show animals, whose standing in their breeds has been established by the judges of the show. The Hereford breeding cattle will be sold at auction Tuesday; Shorthorn Wednesday; Aberdeen-Angus Thursday. The Galloway breeders have consigned 50 animals which will be disposed of at private sale during the week. The feeding cattle in the carlot shows will be judged Wednesday or Thursday, and will then be sold at auction. It is the great opportunity of the year for the feeder to get animals that will fatten into market toppers. Private sales of all kinds of stock will be made during the week, while the opinions of the judges as to the character of animals that best represent the breeds is fresh in the minds of the visitors, and the chance for comparison with the best ones is present.

#### Noll Sells Poland Oct. 22.

Breeders in the market for Poland China herd boars of merit and sows of the same caliber will find much to please in the offering of 50 head which Jno. W. Noll will sell at Winchester, Kas., on October 22. Those who are looking for boars and sows carrying the Iowa big type blood will find in this sale equally as good stock and just as well bred as in the sales held farther north. Mr. Noll went to Iowa and bought of the leading herds the best they had to offer and the stock he sells on October 22 are out of these sows and sired by the boar he selected there. Pfander's King 60262, the Long King boar at the head of his herd was retained by the Pfanders for their own use. Mr. Noll was fortunate in getting hold of this fellow as he has developed into a great boar and a great sire. The bulk of the offering is sired by him. All told 32 boars will be sold. There will be 2 fall and 23 of spring farrow. Eighteen sows, six fall yearlings and 12 spring gilts make up a top collection of breeding females. The boar offering is unusually strong. Read the advertisement telling of the especially good ones by Pfander's King and Expansion's Son. These are out of sows by A Wonder, Columbia Chief, Long Wonder and Long King, all noted Iowa boars. It is a great offering and merits the consideration of the best breeders. Write Mr. Noll for a catalog. Kindly mention this paper when writing.

#### Branic Sells October 19.

One of the best bred lots of big type Poland Chinas to be sold this fall and an offering which gives a wide range in the selection of good pedigrees is the C. L. Branic sale to be held at the Farmers Feed yard in Hiawatha, Kas., Saturday, October 19. Forty head will be sold consisting of 20 boars and a like number of gilts. These pigs are out of sows selected from the best herds in Iowa, Kansas, Nebraska and Missouri. In a number of instances these sows were sale toppers and in all instances they were bred to good boars. This list should satisfy the most radical pedigree student. Sons and daughters of the great O. K. Lad, Bell's A Wonder, Gold Metal, Great Combination, Exalter, Gold Utility, Metal Choice, Big Sampson, etc., out of sows by Gold Metal, Capt. Hutch, Metal Choice, Prince Hadley, King Mastiff, Banner Boy and other good ones too numerous to mention. As attractions Mr. Branic is putting in four daughters of his great O. K. Lad. There isn't any question about O. K. Lad being a great boar and his get are eagerly sought after. A pig by him will look good in any herd. Mr. Branic is topping his herd to make an attractive offering for his initial sale and he extends a cordial invitation to all to be his guest sale day. Look up his sale advertisement and write him for a catalog. Please mention that you saw the ad in Farmers Mail and Breeze.

#### Gudgell & Simpson's Hereford Sale.

It is doubtful if the firm of Gudgell & Simpson has ever offered a better lot of Herefords than the 60 head they will sell at the sale pavilion in Kansas City on October 24. The 45 head of females, long yearlings and 2-year-olds, are a grand lot, combining scale and the Anxiety quality to a degree. It is an offering of great big, breezy females, showing remarkable growth and development. The Gudgell & Simpson, or rather the Anxiety type of Hereford cattle are known and admired wherever Herefords are known and that is pretty near the world over. Through their system of breeding this firm has for years produced the highest type of Hereford cattle and it is the fruits of their years of experience that they offer in the cattle to be sold on October 24. It is needless to go into detail as to the sires of this offering. Beau Brummel bulls, his grandsons and great-grandsons are responsible for them, which should be sufficient proof of their value. The bulls are a grand lot, well grown, showing heavy bone, extra good heads and the Anxiety hind quarters and finish. The sale offers splendid opportunities for the selection of foundation material or for herd improving bulls and females. It will be one of the attractive sales of the fall season. The cattle are in training at the Gudgell barns in Independence, Mo., and they extend a cordial invitation to everyone to call there before the sale and inspect the cattle. Write them at Independence, Mo., for a catalog of this sale and kindly mention this paper when writing.

#### Eckles's Angus Offering.

W. F. Eckles of Green City, Mo., will hold his fifth annual sale of Aberdeen Angus cattle on his farm adjoining Green City, Mo., on October 23. For this sale Mr. Eckles has selected 40 head, 20 bulls and 20 females. The bulls range in age from 10 to 18 months and include the good herd bull, Hutchinson's Choice, a 4-year-old. The 20 females are of good ages, in their prime as producers and include

#### PUREBRED HORSES.

### Bergner & Sons' Coach Horses

**65 HEAD**

What do you know about the Coach Horse?



**65 HEAD**

Do you want to know more about the Coach Horse?

### German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 4231. Call on or write, J. C. Bergner & Sons, "Waldeck Ranch," Pratt, Kan.

**The Best Imported Horses** One thousand each. Home-bred registered draft stallions—\$250 to \$650 at my stable doors. A. LATIMER WILSON, CRESTON, IOWA.

### Belgian and Percheron Stallions and Mares

Imported and Home-Bred.  
For Sale at Attractive Prices.

**Blue Valley Stock Farm**  
Blue Mound, Linn Co., Kan.

#### POLLED DURHAMS.

**HUDGINS' D. S. POLLED DURHAMS.**  
Herd headed by Miami Model 339831, a prize winning son of the great Confessor 284217. I have a choice lot of ready for service bulls for sale—all double standard. Watch for my fall sale.  
W. T. HUDGINS, MOORESVILLE, MO.

### Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale.  
C. M. HOWARD, HAMMOND, KANSAS.

### Woods Polled Durhams

**Roan Hero Bulls and Heifers for Sale.**  
Three bulls from 12 to 22 months old, a Mina, a Brawith Bud and a Necklace, two roans and a white of top quality and ready for service. Also, a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write  
C. J. WOODS, CHILES, KANSAS.

#### GALLOWAYS.

**G. E. CLARK, W. W. DUNHAM.**  
**CAPITAL VIEW GALLOWAYS.**  
12 Miles West of Topeka.  
Can furnish car of good cows, also bulls ranging in ages from calves to 2-yr.-olds. Can suit your wants. Write  
**CAPITAL VIEW RANCH, Silver Lake, Kan.**

### Fort Larned Herd

40 REGISTERED BULLS, 20 GALLOWAYS and 20 RED POLLS, 10 to 20 months old. Priced to sell.  
E. E. FRIZELL, LARNED, KANSAS

### Herd Established Over 25 Years Evergreen Crest Galloways

Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205 and Sally's Othello 33096, both sired by Imp. champion bulls, in service. Five top yearling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.

## Lamer's Coming

From France with Sixty Head of Percheron Stallions—Best That Money Can Buy.

**C. W. Lamer & Co., Salina, Kansas**



**H. S. DUNCAN,**  
Live Stock Auctioneer,  
Clearfield, Ia.

**R. L. HARRIMAN,**  
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ALSO INSTRUCTORS IN THE  
**MISSOURI AUCTION SCHOOL**

Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see American Royal Stock Show Free.

TERM OPENS Oct. 7 at 14th and Grand Ave., Kansas City.  
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer



## Paradise Dell Farm Offering

30 four-year-old ewes at .....	\$12.50
18 three-year-old ewes at .....	\$10.00
10 two-year-old ewes at .....	\$12.50
20 yearling ewes at .....	\$10.00
20 lamb ewes at .....	\$ 8.00
15 two-year-old rams at .....	\$17.50
29 yearling rams at .....	\$15.00
5 lamb rams at .....	\$12.50

These sheep are all pure bred Hampshire Down. All registered or eligible. These sheep are all in perfect health and in fine breeding condition. I would like to see 10 of these ewes and a ram go to ten prosperous farmers in Kansas. If interested, write me.

**E. S. TALIAFERRO, Rt. 3, Russell, Kan.**

Telegraph, Telephone and railroad station, WALDO, KAN.

#### HEREFORDS.

**MATHEWS' REGISTERED HEREFORDS**  
For sale. 8 long yearling bulls; 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.  
**FRED MATHEWS & SONS, Kinsley, Kan.**

**BLUE GRASS Herefords STOCK FARM**  
Cows, Heifers and young bulls for sale. 160 head in herd. Breeding matrons by Militant, Lamplighter, Shadland, Dean 2d, Gentry Briton 6th, Hesiod 2d and Wilton Almo 6th. Visitors Welcome.  
**W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.**

**Klaus Bros.' Herefords!**  
We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. See our show herd at the leading western fairs.  
**KLAUS BROS., BENDENA, KANSAS.**

## Modern Herefords

**ROBT. H. HAZLETT**

Hazford Place  
Eldorado, Kansas

#### RED POLLED CATTLE.

**Foster's Red Polls**  
Write for prices on breeding stock.  
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

## RED POLLED BULLS

and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come.  
**CHAS. MORRISON & SON, Phillipsburg, Kan.**

#### SHEEP.

**HILL TOP STOCK FARM** has 40 head of registered Shropshires, both sex. They are priced to sell.  
**O. A. HOMAN, Route 3, PEABODY, KANSAS.**

## Registered Shropshire SHEEP

65 bucks, one, two and three years old. Out of imported sire and many of the dams imported. Priced to sell. **R. A. LOUGH, Osborne, Kansas.**

## 30 Oxford and Hampshire RAMS,

one to two years old, for sale. Also Chester White pigs of both sexes.  
**W. W. WALTIRE & SONS, Peculiar, Mo.**

## Shropshires

A high class lot of registered two-yr.-old rams for sale.

**HARRY NANCE,**  
R. R. No. 2, Pattonsburg, Missouri.

## SHROPSHIRE.

I have good pure bred Registered yearlings and two year rams for sale.

**JOHN COLDWATER,**  
CHASE, RICE CO., KAN.

#### LIVESTOCK AUCTIONEERS.

**COL. HOMER BOLES, Randolph, Kan.**  
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**L. R. BRADY, LIVESTOCK AUCTIONEER**  
Manhattan, Kan. Write or wire for dates.

**COL. S. B. YOUNG, Osborne, Kan.**  
Livestock Auctioneer. Write for dates.

**W. C. Curphey, Salina, Kan.**  
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**Wm. H. Harper, LIVESTOCK Auctioneer,**  
GLASCO, KANSAS. Phone for Dates.

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Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

**Col. C. W. Smith, Livestock Auctioneer**  
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DATES CLAIMED ARE PROTECTED.

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WRITE FOR DATES.

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**Will Myers, Livestock Auctioneer**  
Beloit, Kansas.  
Write or phone for dates. I am located right to give good service.

**Col. J. R. LOYD, ATHOL, KANSAS.**  
LIVESTOCK AUCTIONEER.  
Write for terms and dates, and reference.

**COL. FRANK REGAN,**  
ESBON, KANSAS.  
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**W. H. Trosper, Auctioneer**  
Livestock and Farm Sales my Specialty.  
FRANKFORD, KAN. Write for Dates.

**FRANK J. ZAUN**  
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"GET ZAUN. HE KNOWS HOW."



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Graduate American Auction School  
Write for Dates



## ABERDEEN-ANGUS.

**RIDGE PHAIRIE ABERDEEN ANGUS.**  
Ridge Heatherhorn 3d 118104, a choicely bred Heatherhorn, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed.

W. G. DENTON, DENTON, KANSAS.

## Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 29 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs. **SUTTON FARMS, LAWRENCE, KANSAS.**

## DAIRY CATTLE.

**CHOICE** Reg. Jersey Bulls \$50.00 each. Full descriptions on request. V. E. SWENSON, Little River, Kan.

## HOLSTEINS —CHOKY BULL CALVES.

H. B. COWLES, TOPEKA, KANSAS.

## Dutch Belled and Holstein

male and female calves for sale from exceptionally good milkers. **Springdale Stock Ranch, Concordia, Kan.**

## LINSKOTT JERSEYS

Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices. **R. J. LINSKOTT, HOLTON, KANSAS**

## Holstein-Friesian Bulls

For sale—choice young bulls, sired by Pieterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. **W. C. Jones, Rural 2, Topeka, Kan.**

## Jersey Cows and Heifers

We have for sale 30 head of young cows and yearling heifers. Also a few young bulls. See our herd at either the Iowa, Kansas, Nebraska, or Missouri State Fairs.

**SMITH & ROBERTS, BEATRICE, NEBR.**

## Choice Jersey Bulls

I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 2d Son; and Eurybia's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars.

**W. N. BANKS, INDEPENDENCE, KANSAS.**

## Holsteins For Sale

I am now offering a choice lot of high grade heifers, mostly 2-year-old and coming 2-year-olds. All bred to registered bulls. Many of them springing bag to freshen now. This is strictly a first class bunch. Beautifully marked with lots of quality. The best I have ever owned. Also bulls from 3 to 14 months old; both high grade and registered. Some of these bulls are very highly bred. Can also furnish a few milkers if desired. Nearly 100 head to select from. Will sell any number.

**IRA ROMIG, Station B, Topeka, Kansas.**

## Rock Brook Farms

## HOLSTEINS

**TEN BULLS** ready for service, all out of A. R. O. dams. Females of all ages, any number up to carload lots if desired.

**ROCK BROOK FARMS,**

Station B, Omaha, Nebraska.

## SHORTHORNS.

**JOHNSON'S Shorthorns** 50 HEAD including 6 good young bulls. Price, \$1800.00. Also young jacks. **T. F. JOHNSON, GARFIELD, KANSAS**

## SHORTHORN CATTLE

**POLAND CHINA SWINE and CLEVELAND BAY HORSES.** All stock pedigreed. Prices reasonable. **Thos. B. Murphy & Sons, Corbin, Kas.**

## True Goods 337574

by Fair Goods, dam Rosie 11th by Standard Bearer, second dam Imp. Rosie 17th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale.

**T. J. BLAKE, HIAWATHA, KANSAS.**

## SHORTHORNS

8 bulls from 12 to 18 months. Roans and reds. Scotch Tops.

**Address, L. M. NOFFSINGER, OSBORNE, KAN.**

## Lookabaugh's Shorthorns

Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners.

Write your wants.

**H. G. Lookabaugh,**

WATONGA, OKLAHOMA

## Pearl Herd of Shorthorns

I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P. A. T. & S. F. U. P. and Mo. Pac. Address

**C. W. TAYLOR**

**R. R. No. 2, Enterprise, Kan.**

10 cows, with calves at foot and rebred, five 2-year-olds, bred and open heifers, close to breeding age. The bulls are sired by Homedale King 2d, the bull that was formerly used in this herd and with much success; Blackward's Lad, a bull that ranks with the best as a calf getter and Hutchinson's Choice, the present chief stock bull. The females are by Homedale King 2d and Pride's Albion 5th, another sire that left a wonderfully good lot of females in the herd. The young calves that sell with their mothers are by Hutchinson's Choice and the females of breeding age are bred to Hutchinson's Choice and to Karo Ita, an unusually topky herd bull, a Key Pride, by Prince Ita 2d, that Mr. Eckles recently added to his herd. Cows bred to this top young bull should be sought after. Hutchinson's Choice is a richly bred fellow and should be sought after as a herd header. He is by Adam Ita, by Prince Ita and out of a cow by the great Jim Jams. The above gives a general idea of the breeding, but it by no means gives an idea of the value of these cattle as breeding propositions. They are an unusually strong lot of useful well bred cattle. Look up the advertisement and get the catalog. Kindly mention this paper when writing.

## Stanley's A Wonder-Panorama Sale.

A. O. Stanley of Sheridan, Mo., will hold his 14th annual Poland China sale on Monday, October 21, at Goff's barn in Sheridan, and will offer at that time one of the very best lots of big type Poland China hogs to be sold anywhere this fall. This sale is full of attractions. Of course the feature is the get of the great A Wonder and Mr. Stanley's own boar, Panorama. Fifty head will be sold, including 20 boars and 30 sows. These are of the extreme big type, backed up by the best blood known to the breed, yet they combine with it a remarkable degree of quality and smoothness. Special attention is directed to the two yearling daughters of A Wonder, the three March boars and one gilt by A Wonder and the dozen head by Panorama, out of A Wonder sows. These head the list of as topky a lot of breeding stock as one could wish. Other sires represented are Bell Prince, Chief Price Wonder, the great Wray boar, Longfellow King, undoubtedly one of the greatest boars of the breed and now heading the Black & Thompson herd at Hopkins; Bandmaster and Pawnee Prince. This is a great array of big type sires. Back of these pigs are out of sows equally well bred and noted for their ability as producers. Panorama, the great Expansion boar at the head of the Stanley herd was good enough to pull down the purple ribbons at the leading state fairs when shown and has since sired a number of topky winners. This is one of the truly great boars of the day and has proven himself such by his ability to reproduce. His show up unusually strong in this offering and a breeder or farmer cannot go wrong by having this line of blood in his herd. His daughters are unusually uniform. Mr. Stanley will also sell his yearling herd boar, Expansion Chief, a son of Panorama and a boar that will make his mark. Mr. Stanley always sells a high class offering. This year he has surpassed himself and all previous lots. It should be one of the top sales of the season. The catalogs are ready and will be sent upon request by mentioning this paper. Write for one today per advertisement elsewhere in this issue.

## Harris Herefords at Auction.

One of the big events of the fall sale season will be the Hereford cattle sale held by O. Harris & Sons at Harris, Mo., on October 23. Model Farm Herefords need no introduction. They are known wherever the breed is known. Show animals from this great herd have been taking the bulk of the ribbons at the fairs for so long that it has come to be an accepted fact. This firm and this herd has to its credit more championship bulls than any one herd in the history of the breed. It is natural then, that an announcement that Messrs. Harris will make a public sale should create wide interest. Two years ago this firm held the most successful draft sale pulled off in recent years and encouraged by their success at a time when cattle values were at a much lower level than now, they have decided to offer the public another chance to make selections from this great herd. It has been the champion bulls at the head of this herd that has made it such a formidable opponent in the show ring and the breeding herd at home of such high quality. It is doubtful if a price would be put on such bulls as Repeater and Gay Lad 6th and yet buyers at this sale will have an opportunity and at the price they put on them themselves to buy of the got of these great sires. Forty females will be sold and 85 per cent of them are from 2 to 4 years old. Ninety per cent of them are bred to Beau Donald 5th, Repeater, Gay Lad 6th, Prince Perfection and Donald Lad 7th. Another strong factor lies in the fact that over 90 per cent of the offering are Harris bred. The 25 bulls to be sold cover a wide range of quality. Buyers can go to the sale and supply their wants in high class herd headers, show prospects and show winners, farm bulls, in fact bulls of most any style and character—with the one outstanding feature that they are all good. Donald Lad 7th, the 2-year-old that is being shown this year; Gay Lad 2d, one of the most promising calves developed in this herd in years are two of the attractions to be sold. The sale is full of good ones sired by the champions Repeater and Gay Lad 6th. It is a Harris offering of Harris cattle which should be sufficient reason for everyone interested in good cattle and in the market for that kind to be at the sale. Write Messrs. Harris for catalog and mention the Farmers Mail and Breeze when writing.

## Walter's Expansive Offering.

The heading means more than appears on the face, though an offering of the get of Expansive is sufficient reason for a strong display of interest. It refers to H. B. Walter's sale of big type Poland Chinas—his annual sale—which is to be held on his farm near Effingham, Kan., on Wednesday, October 16. H. B. Walter's methods and his practices as applied to his breeding of Poland Chinas are expansive in every way. There isn't anything narrow or contracted (unless the latter might apply to his advertising) in the man either as a man or as a breeder, nor does this bad feature show up in the hogs he breeds. H. B. Walter is one of the leading breeders of the day and has earned that rank by producing high class breeding stock.

**This Hog Sold for \$32.00 on the Kansas City Market**

Others in the same herd were condemned for cholera by Government inspection and the owner lost. They would have brought the same amount had the breeder used

**Imperial Serum**

Proof: (200 head treated) "I never had a bunch do better than these are doing. The time to treat them is before they get sick."

(Served) J. R. BOWWELL, Breckenridge, Mo.

Send us your name and address and the name of your veterinarian for free treatise on Hog Cholera Serum and its Use.

**Imperial Serum Company**  
756 Live Stock Exchange  
Kansas City, Missouri

**FOR WISE FEEDERS**

"I have been able to market my cattle 30 days earlier by using your EXCELLO CATTLE FEEDER."

IF YOU want to make money, write at once to

**Excello Feed Milling Co.**  
St. Joseph, Mo.

**O. I. C. SWINE.**

**40 Choice O. I. C. Pigs** H. W. Haynes, Meriden, Kan.

**EDGEWOOD O. I. C's.** Choice spring boars and gilts, singly or mated, also bred gilts. **HENRY MURR, TONGANOXIE, KANS.**

**O. I. C.** 40 pigs, some good fall boars and tried sows for sale. Express prepaid. Everything registered free. **F. C. GOOKIN, RUSSELL, KANSAS.**

**STAR HERD O. I. C's.** Breeding stock of various ages, either sex. Best breeding stock, sent in this herd. Write your wants. **ANDREW KOSAR, GLASCO, KANSAS.**

**O. I. C.** 12 months old show boar, Bobwhite, 10 spring boars, 5 bred sows and 15 gilts for sale. **R. W. GAGE, GARNETT, KANSAS.**

**O. I. C. SWINE** Fall boars and gilts, spring boars and gilts for sale. Fall gilts bred or open. An extra strong offering. The best at average prices. Address at once, **CHARLES H. MURRAY, FRIEND, NEBR.**

**O. I. C. 125 HEAD HOGS** Bred Sows and Service Boars **W. H. Lynch, Reading, Kan.**

**RIVERSIDE FARMS O. I. C's.** **BOONVILLE, MO.**  
I have for sale 12 September gilts by O. K. Perfection and 6 tried sows bred for Sept. farrow; 6 winter boars; 13 winter gilts, bred or open; one yearling boar by Mead's King and a choice lot of spring pigs of the best breeding. I have the easy feeding big kind. Write me your wants. **JNO. H. NEEF, BOONVILLE, MISSOURI**

## MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood). **E. D. KING, BURLINGTON, KANSAS.**

**DUROC-JERSEYS.**

**WALNUT GROVE FARM.** Boars and gilts, sired by B. & C's Col. and R. C's Buddy. Also spring pigs. **R. C. WATSON, ALTOONA, KANSAS.**

**FASHIONABLE BRED DUROCS** Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him. **Royal Selon Stock Farm, Winfield, Kan.**

**CRIMSON WONDER AGAIN BOARS.** 1 yearling dam by W. L. A's Choice Goods, a herd header and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars. **L. R. VAN NICE, RUSSELL, IOWA.**

**BEAVER VALLEY HERD DUROCS.** Boars and gilts sired by Grand Master Col. II 94993 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed. **W. A. WILLIAMS, MARLOW, OKLAHOMA.**

**BONNEY K** I have decided to sell him. Ask any Duroc breeder in northern Kansas about him. Write for particulars. **W. E. MONASMITT, Formosa, Kansas**

**Fisher's Durocs** Herd boars, Graduate Col. 28279a, Crimson Prince 69527, Baby's Chief 104417, King's Col. F. 88363. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay. **H. E. FISHER, Danville, Harper Co., Kansas.**

**JOHN T. HIGGINS, ABILENE, KAN.** has 40 head of choice Duroc spring boars, sired by "Crimson Wonder Again," "King the Col." "Golden Model 11th" and 10 other leading sires of merit. Out of No. 1 dams of faultless breeding. They are priced to sell. Would prefer your visit but will take pleasure in correspondence. Address as above.

**HAMPSHIRE.**

**Wittorff's Hampshires** Best blood lines. Bred sows and gilts, spring pigs, pairs and trios unrelated. Descriptions guaranteed. **F. C. Wittorff, Modora, Kan.**

**Pure Bred Hampshires** Inspect our herd or write for prices. Our motto is to please. **ALVIN LONG, Lyons, Kansas.**

**WRITE J. F. PRICE, Modora, Kans.** For prices on Pedigreed Hampshire Hogs

**REGISTERED HAMPSHIRE HOGS** of various ages not akin; two registered and one grade Dutch Belt bulls; also 1 spotted Arab stallion. **C. W. WEISENBAUM, ALAMONT, KAN.**

**Try The White Belts** Cloverdale Farm offers a number of extra nice Hampshire boars for sale. **F. W. Lavdock, Princeton, Kan.**

**BERKSHIRES.** **Jewell County Berkshires** Fall gilts and yearling sows for sale. **C. W. ELVEA, JEWELL CITY, KANS.**

**For Sale, Bred Sows** for Oct. farrow, spring and summer farrow. A guarantee. **J. M. NIELSON, MARYSVILLE, KANSAS.**

**WAITE'S BERKSHIRES.** Choice young Boars and Gilts. Also tried sows. Best blood. No. 1 blood. We guarantee satisfaction. Call or write **LEON A. WAITE, WINFIELD, KAN.**

**Berkshires That Make Good** With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Undeveloped young herd bred by exhibitor, three state fairs. **C. G. NASH, ESKRIDGE, KANSAS.**

**BERKSHIRES, SHORT-HORNS and JERSEYS** FOR SALE—25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

**W. J. GRIST, :: OZAWKIE, KANSAS**

## Sutton Farm Berkshires

We are offering selections from 100 spring pigs, mostly sired by Judge Robinhood, at very attractive prices. We are also booking orders now for some very nice gilts bred for early fall farrow. We will sell two tried sows bred for Sept. farrow. **Sutton Farms, Lawrence Kansas.**

## MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood). **E. D. KING, BURLINGTON, KANSAS.**

**DUROC-JERSEYS.**

**Pleasant View Durocs.** Choice March and April boars. Write for prices. **T. P. TEAGARDEN, WAYNE, KAN.**

**March and April Boars** Tops of 80 head by Wonder, Belle's Chief, Echo's Chief. Gilts reserved for Feb. 14 sale. **H. H. KOENIG, DEWITT, NEBRASKA**

**HUSTON'S DUROCS** 20 boars by Golden Model 3rd 11787 the type that will make money on any farm and improve any herd. Satisfaction guaranteed. **W. R. HUSTON, Americus, Kan.**

**CRIMSON PRIDE 101383 FOR SALE** Two-year-old. Splendid breeder. Most of our reserved gilts by him. Sired by Nebr. Chief, by Ohio Chief. A Bargain. **P. C. GARRETT & SON, Farm 2, BLOOMINGTON, IER.**

**Crimson Wonder Breeding** Top boars from 100 spg. pigs. Write for prices. A square deal. **DAVID BOESIGER, COURTLAND, NEBR.**

**HEBRON FARM DUROCS** 76 Sows and Gilts bred for Aug. and Sept. Farrow. Also March and April Boars. **H. H. SHAW, Hebron, Nebraska.**

**BIG TYPE DUROCS** Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Fall sale Oct. 17. **Moser & Fitzwater, Goff, Kansas.**



## DUROC-JERSEYS.

**Bonnie View Herd Duroc-Jerseys**

75 large, well grown spring pigs. SEARLE & COTTLE, BERRYTON, KAN.

**FALL BOARS BY DREXEL'S PRIDE**

the sire of my show hogs. Spring pigs by him and Queen's Wonder 112317, a sensational Crimson Wonder Again yearling. All choice and priced right. W. T. HUTCHISON, CLEVELAND, MO.

**Prince Wonder 2nd**

No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale. A. T. CROSS, GUIDE ROCK, NEBRASKA

**LITTLE OAK DUROCS**

Early spring boars for sale. Gilts reserved for February 22 bred sow sale. Geo. P. PHILLIP, Lebanon, Kan.

**Deep Creek Herd Durocs**

Choice spring boars now ready to ship, also gilts bred for September and October. Best of breeding. Write your wants. C. O. ANDERSON, MANHATTAN, KANSAS

**BUDDY K IV, and B. & C's COL.**

Boars and Gilts by these great sires and sows and gilts bred to B & C's Col. For sale at reasonable prices. For full particulars write J. J. BAKER, INDEPENDENCE, KANSAS.

**SALINE VALLEY STOCK FARM**

Am offering 50 big smooth March and April pigs for sale at prices that ought to sound good; 2 big winter boars ready for service. Write me your wants. J. LEE DUNN, Russell, Kansas.

**Taylor's Duroc-Jerseys**

The herd that produces State Fair winners. Spring pigs for sale. See my show herd at the Missouri State Fair and American Royal. CHAS. L. TAYLOR, OLEAN, MISSOURI.

**DUROC BRED SOWS, Gilts and Boars**

Some bred sows, fall and spring gilts and boars. Two fall boars sired by the famous B. & C's Col. Pedigrees furnished. PRICES REASONABLE. JUDAH BROS., HIATTVILLE, KANSAS.

**College Hill DUROCS**

March and April boars and gilts from state fair winners. Choice boars by G. M's Col., and Carl's Critic. Farm joins Agricultural College. W. W. BALES & SON, Manhattan, Kansas

**BIG, STRETCHY BOARS.**

18 Duroc-Jersey boars of Feb. and March farrow, by Blue Valley Col. Extra big and lots of quality. HARRY GIVENS, BLUE RAPIDS, KAN.

**DUROCS-RED POLLS**

30 summer and fall boars, 25 tried sows and fall gilts (bred) and spring pigs either sex, at FARMER'S PRICES.

Young bulls and females all ages cheap. GEO. W. SCHWAB, CLAY CENTER, NEB.

**Quivera Place DUROCS**

Spring boars for sale by Quivera and M. & M's. Col. Gilts reserved for Jan. 8 bred sow sale. MUNSELL & ISENBERG, Herington, Kan.

**Dreamland Colonel**

35 Sept. yearlings and tried sows for big bred sow sale in February. Nothing better. Also choice boars. LEON CARTER, Asherville, Kan.

**Perfection Stock Farm**

Nov. boars and gilts, also 80 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants. Geo. M. Clasen, Union City, Okla.

**HIGH-BRED Ohio Chief-Col.**

sows, bred to our great boar. October farrow. Spring boars and gilts. Priced to sell. W. W. OTEY & SONS, WINFIELD, KAN. "The men With the Guarantee."

**BANCROFT'S DUROCS**

We hold no public sales. Nothing but the best offered as breeding stock. Three choice September boars. Tried sows and September gilts bred for September and October farrow. Spring pigs, either sex. Pairs and trios not akin. Price right. Customers in six states satisfied. Describe what you want. We have it. D. O. BANCROFT, Osborne, Kansas.

**G. H. Ramaker DUROCS.**

118 pigs from 14 sows. Boars and gilts for sale. G. H. RAMAKER, PRAIRIE VIEW, KAN.

**Star Breeding Farm****Herefords and Durocs**

Bulls, 15 to 30 months, single or carlots; also, females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale. SAN'L DRYBREAD, ELK CITY, KANSAS.

**EARLY SPRING PIGS**

35 Duroc-Jerseys of TATARRAX, WONDER CHIEF, and COLONEL breeding. 20 Berkshires of BERRYTON DUKE 2ND, BERRYTON DUKE JR., and BEAU BRUMMEL breeding. A few bred sows and yearling gilts. Also Southdown, Hampshire and Rambouillet yearling rams. Address DEPARTMENT OF ANIMAL HUSBANDRY, Manhattan, Kansas.

He has gained that reputation in the sales he has made, which by the way have been among the tops each season (still more proof that he breeds good hogs) and for the reason that hogs from his herd have gone out and made good. We are not going to say that the offering of 40 odd head which he will sell on October 16 is the best lot he ever offered. Getting right down to brass tacks we don't believe it is. Neither does Mr. Walter and he will tell you so, but this is by no means a disparagement on his latest effort. On the contrary he is selling an unusually high class offering. He is selling a good lot, a strong lot; fall boars like the one illustrated in his advertisement that measure up and weigh up to statements and that combine the quality and smoothness characteristic of hogs from this herd, must be good ones. They are. He is selling a yearling gilt by Expansive that will be one of the best sows sold this fall. She is the Expansive type, weighing better than 350 and still growing. It is this very point which makes this herd stand out so prominently—that Mr. Walter produces a type of Poland Chinas that grow out. They don't go into other herds and quit. They have been intelligently handled, judiciously mated and carefully fed to bring out these desirable qualities. These are reasons why Mr. Walter enjoys such a good trade—and it's mostly from old customers—both in public auctions and at private treaty. Most everyone who is familiar at all with the business knows about Expansive. He was one of the best boars ever in the state, or the West for that matter and this sale offers one of the last opportunities to buy his get. Let Mr. Walter send you a catalog. Just drop him a card with your name and address and if you will, please mention Farmers Mail and Breeze. Next week we will tell of a few of the good individuals which make this sale one of the season's important events.

**Kansas and Missouri**

GEO. W. BERRY.

One of the old advertisers in the Farmers Mail and Breeze is the firm of Wilson & Messel Colony, Kan. This firm has not missed an issue of the Farmers Mail and Breeze for years. They have a large list of eastern Kansas farms at \$40 to \$60 per acre that it will pay you to investigate before you buy. They also make exchanges. Look up their ad and write them.

**Capital View Galloways.**

The Capital View Ranch people, Silver Lake, Kan., are changing their ad in this issue. They are offering a carload of Galloway cows and some choice bulls, calves to 2-year-olds. The Galloway, as a beef producer, is right at the top of the list and this is a mighty good time to get into the meat producing business. Messrs. Clark & Dunham will have a carload of good cows on sale at the American Royal. Look them up or write for particulars.

**R. W. Gage's O. I. C. Hogs.**

R. W. Gage, breeder of O. I. C. hogs, Garnett, Kan., made a good show at the state fair at Topeka, winning second on herd of boar and three sows under 1 year old, in strong competition, meeting the best herds on the state fair circuit. The under year boar pig, Bobwhite, was second in his class and headed the young herd at the Topeka and Ottawa fairs. At the Ottawa fair which brings out one of the best hog shows in the state, Mr. Gage's under year herd was the second prize herd, all breeds and ages in competition. The breeding herd consists of a superior lot of sows including the great foundation sow Peggy, one of the largest and best white sows in the country. A good part of the younger stock is descended from this great sow. The boars in service are White Frost and Kansas King, both of which have proved excellent sires. A lot of choice gilts and boars, including the young show boar Bobwhite, and a few extra bred sows are offered for sale.

**Iowa and Illinois.**

BY H. W. GRAHAM.

**Contests in Every Class.**

Two weeks before the opening day of the American Royal Livestock Show, practically every class in the show has two or more entries—and the really large mass of entries has not been filled yet. The prospects were never better for a big event. The breeders are eager to see what is best, and buy it—for farmers are going to buy a great number of breeding animals in these next few years to take advantage of good prices and to establish their herds on a high standard as a plain business proposition. Secretaries of the beef cattle breed associations will send in the entries of breeding animals next week; advance announcements are that the number will be about the same or larger than last year's breeding show—with all the leading herds of the country represented. The Hereford, Shorthorn and Aberdeen Angus associations will hold auction sales of breeding animals, to which sales the breeders whose stock is well known have consigned representatives—and there will be some of the Royal prize winners in the list. The Galloway association has arranged for private sale of 50 breeding animals, bulls and cows, during the week of the show—the visitor can see both auction and private sale stock and pick out what he wants. An interesting new feature this year is a special contest open to steers or heifers fed in the Texas Panhandle. One steer entered weighs 2,500 pounds—but the judgment will include other features besides weight. The students' judging contest will find many farmers' sons and agricultural college men competing in the judging of livestock. The Kansas, Missouri, Nebraska and Iowa colleges probably will send teams to contest for the big silver cup put up several years ago by the Kansas City Stock Yards Company; this year the Arkansas Agricultural college will be a contestant, too. One of the special entertainment features already provided for the afternoon and evening programs in the big Royal pavilion, is a pony exhibition. There will be 40 thoroughbred Shetland ponies in the string, which will be put through all the paces, and all the hitches. The Shetlands will also be recognized in the horse show program, with special events for youngsters. There will be one horse show in the United States this year—nobody

## POLAND CHINAS.

**Mammoth Poland Chinas**

My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money. F. P. ROBINSON, MARYVILLE, MISSOURI

## POLAND CHINAS.

**Expansion Too**

heads my herd of Poland Chinas. He weighed 150 lbs. at 5 months; 420 lbs. at 12 months; 560 lbs. at 17 months and is still growing. His pigs are the same type with plenty of stretch and are easy feeders. Write for description and prices of Mar. boars and gilts. F. S. COWLES, R. R. No. 2, Lawrence, Kan.

**Prairie Springs Big Type Poland Chinas.**

O. K. Lad 53098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service. Choice stock by the leading big-type sires for sale. Fall sale October 19. Come or write C. L. BRANIC, Hiawatha, Kansas.

**EXPANSIVE FALL BOARS FOR SALE!**

I still have a few extra choice fall boars by Expansive, August and September, 1911. Farrow, weighing 300 pounds and better. These are extra good in every respect and are the last sired by this great boar. To see them is to buy. I guarantee satisfaction. Write or call. H. B. WALTER, EFFINGHAM, KANSAS

**HERMAN GRONNIGER & SONS, Bendena, Kansas**

WE HAVE BEEN BREEDING POLAND CHINAS FOR MORE THAN 30 YEARS. Over 300 head in herd. All popular big type blood lines represented. Can supply the trade with boars or gilts of any age. Oct. 9 we sell a great offering of yearling sows, open, and top lot of fall boars, herd headers. Write for catalog.

**Gildow's Mammoth Poland Chinas**

Herd headed by the 1060 lb. grand champion, Pawnee Chief Hadley and Big Bill Tart. For sale 80 spring boars and gilts by the above named and other big type sires and several big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Watch for our show herd. DR. JNO. GILDOW & SONS JAMESPORT, MISSOURI

**PFANDER'S KING 60262**

by Long King, heads my herd of strictly big type sows including daughters of A Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale. Fall sale October 22. JOHN W. NOLL, WINCHESTER, KANSAS.

**ETTERVILLE BREEDING FARM**

Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and are priced right. EDGAR DOOLEY, Owner, ETTERVILLE, MO.

**Big Type Thoroughbred Poland China Boars**

40 March and April Boars at PRIVATE SALE. These boars are the big bone, big type, half-ton kind, from big litters and are easy feeders. Sired by BLUE VALLEY, No. 61568, who weighs 850 lbs. at 20 months old, with 11 inch bone, and has as much quality as any type. Some are sired by Mouw's Longfellow 53289, a very large, massive boar. Herd headers a specialty. We have them. Write for description, breeding and prices and please state which you wish, March or April farrow. THOMAS F. WALKER & SON, Alexandria, Nebr. (Established 1880.) Box 277, Route No. 2.

**King Mastodon 2d, 58674**

By King Mastodon 55190 and out of Lady Mastodon 96th, by A Wonder.

**Long's Wonder 183137,**

By A Wonder 143421 and out of Miss A Wonder, by A Wonder 107353.

THESE TWO GREAT BOARS ARE THE SIRES OF MY ANNUAL OFFERING OF BOARS AND SOWS—STRICTLY BIG TYPE POLAND CHINAS AND OF THE MOST APPROVED BREEDING—SALE ON FARM NEAR

**MERIDEN, KANSAS, Friday, Oct. 18, 1912.**

I HAVE LISTED 26 sows and 25 boars, which includes 12 fall yearling boars, 12 spring boars, 5 tried sows, 10 fall yearlings and 10 spring gilts. The two boars mentioned above are the sires of the bulk of the younger stock and the tried sows are daughters of Jumbo, Ross' Hadley, Kansas Ex., Big Bone Mouw, Blain's Goldust, First Look, etc., and I am putting in as special attractions Tecumseh C. and Queen Mastodon, two sows of the Peter Mouw type and extra good. The offering is in good condition, well grown and from lines of breeding that insures useful, prolific, productive breeding stock. Among the boars are a number of herd header prospects and the sows offer at this time excellent opportunities for choice selections. If you want the big Iowa kind, of the same breeding and just as big and just as good individually, don't fail to attend this sale. Let me send you my Catalog. Write today and kindly mention the Farmers Mail and Breeze. Mail orders may be sent to C. H. WALKER, Mail and Breeze Fieldman, in my care. Address

**W. E. LONG, MERIDEN, KAS.**

COL. JAS. W. SPARKS and others Auctioneers.



**POLAND CHINAS.**

**LARGE WITH PLENTY OF QUALITY.**  
Handsomeness young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock.  
**OLIVER & SONS, DANVILLE, KANSAS.**

**ALFALFA TEA FED POLAND CHINAS.**  
Best large type blood lines; bred sows and gilts, the kind both farmer and breeder should raise. If you want to know more about them and how they are raised on alfalfa tea, address.  
**H. W. HOAK, ATTICA, KANSAS.**

**NORMAN BLUE 177691**

For sale. The greatest herd boar offer of the season. Let me tell you about this boar quick. W. E. Willey, Steele City, Neb.

**NEBRASKA'S POLAND CHINAS.** Spring boars for sale but best gilts reserved for February 15 sale.  
**BIG TYPE**  
**L. E. HOLMES, BLOOMINGTON, NEB.**

**QUALITY and SIZE** Big, Smooth Poland China Boars and Gilts. Spring farrow. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

**HOWARD R. AMES, POLANDS**  
21 pigs from 15 sows. Boars and gilts for sale. Write for prices. **HOWARD R. AMES, MAPLE HILL, KAN.**

**NEBRASKA TYPE** March and April boars by Pan Wonder. Tops of this season offering.  
**O. C. INGRAM, Bloomington, Nebr.**

**HARTMAN'S BIG TYPE POLANDS.**  
Spring boars and gilts. Tried sows bred for Oct. farrow. Three Nov. yearling boars for sale. Everything guaranteed.  
**J. J. HARTMAN, ELMO, KANSAS.**

**Poland Chinas** Select young boars, gilts bred or open. Prices right. Call or address  
**E. J. Manderscheid, St. John, Kansas**

**Dietrich & Spaulding, Richmond, Kan.**

**Big Type Poland Chinas**

Two extra fall boars and choice spring pigs, sired by Gold Mine and Pan Look.

**Tabor Valley Polands**

15 fall gilts bred for August and September farrow. Also 10 September boars for sale. Big, growthy stock. Priced to sell quick.  
**L. E. KLEIN, Zeandale, Kansas.**

**HILDWEIN'S BIG POLANDS**

Herd headed by a great son of Expansive. Spring pigs by the leading big type sires of the day. Choice stock for sale and satisfaction guaranteed. Big sale Nov. 1. **Walter Hildwein, Fairview, Kans.**

**POLAND CHINAS - SHORTHORNS**

A few good sows bred for Sept. farrow, and 40 spring pigs—good ones, either sex. Also choice cows, heifers and serviceable bulls. **S. B. Amcoats, Clay Center, Kansas.**

**Albright's Boar Offering**

Five big, smooth Sept. yearling boars, sired by A. L.'s Hadley. 15 spring boars sired by Cavett's Mastiff. Big, well grown fellows. Smooth as you ever saw.  
**A. L. ALBRIGHT, WATERVILLE, KAN.**

**Big Type Poland Chinas**

With unusual size and show yard quality. The kind you saw us win with at Topeka and Hutchinson. Don't you want some of them?  
**R. B. BAIRD, CENTRAL CITY, NEBR.**

**POLAND CHINAS!**

Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomes, Iron Clad 2d and others. Priced right. Ask for prices and descriptions.  
**JOSEPH M. BAUER, ELMO, KANSAS.**

**Long King's Best 61555**

BY LONG KING

**Sampson Ex 2nd 63450**

BY SAMPSON CHIEF

Two big type boars that measure up to that standard in every particular. These are my herd boars. I call special attention to my sales Oct. 15 and Dec. 11 when I will sell the lot of these boars and sows bred to them. Let me mail you a catalogue.  
**H. C. GRANER, LANCASTER, KANSAS.**

**Dean's Mastodon Polands**

Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All

**Immunized by Double Treatment**  
Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address  
**CLARENCE DEAN, WESTON, MISSOURI**



Weighted 570 lbs. before 1 year old. For sale—Choice spring boars and gilts and fall yearling boars—the big type combining size and quality.  
**Paul E. Haworth, Lawrence, Kan.**

need try to see any other. That will be the American Royal horse show, where the best strings in the United States will be shown. There will be many classes during the five nights, some for owners alone, some wherein the equipment will be specially considered, some wherein the animals will be paramount. The various combinations of factors in the judging enliven interest, because no one animal or pair is sure to take all prizes in every event it enters. The liberal purses at the Royal, the successful management, and the enthusiasm of the audience, attracts each year a longer list of the leading owners of horse show animals. The draft horse department entries already display a big show—the sheep classes have been filled—each of the four breeds of swine has sent many entries—the mule department will have half a score at least of exhibitors—the poultry show will be a big one—the Angora goat exhibition will be its usual annual success—in fact, the Royal of October 7-12 at the Kansas City stock yards will again give the visitors the grandest view of livestock progress that this country affords.

**Editorial News Notes.**

**Absorbine, the Antiseptic Liniment,** promptly reduces bog spavin, thoroughpin, wind puff, bowed tendons, capped hock, shoe boil, curb, splint, big knee, fistula, etc. It is a mild and pleasant remedy to use—does not stain or leave a greasy residue. It is soothing, cooling, healing and powerfully penetrating—a true discutient and resistent liniment—strengthening and invigorating to tired, lame muscles or tendons. Absorbine at regular dealers, price \$2.00 a bottle or sent express prepaid, with full instructions. Write for free book giving detailed instructions. W. F. Young, P. D. F., 209 Temple St., Springfield, Mass.

**About Faultless Stock.**

Two of the most novel of the new playthings for children are the two rag dolls, Phoebe Primm, and Lily White, which are being sent free by the Faultless Starch Co. to all users of this excellent household necessity. Have the little folks write and learn about it. Faultless Starch which is manufactured in Kansas City, Mo., by the Faultless Starch Co., 1027 West 8th St., is the oldest product of its kind in the West. Its high quality is proved by the fact that it is being used all over the United States. Besides being a cold water starch, and therefore especially easy to prepare, it is unusually economical, being so pure that a package of it lasts much longer than the ordinary starch so that the cost is no greater. See the new ad on page —

**Reliable Nursery Stock.**

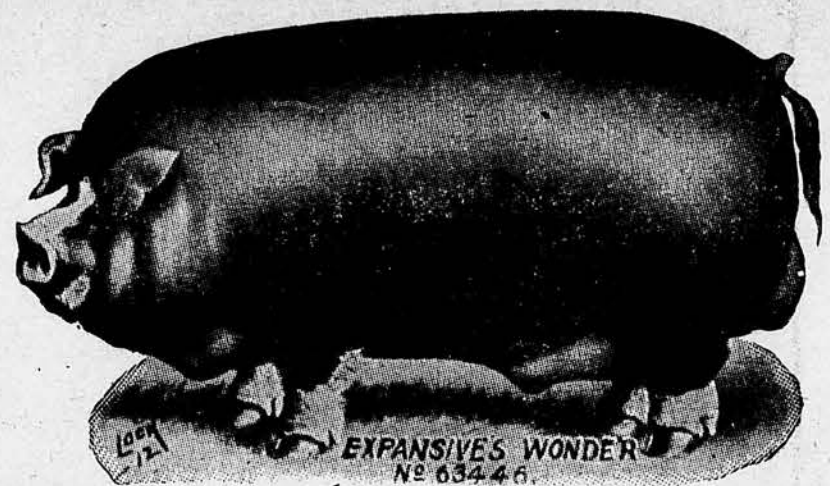
Wichita Nursery, Wichita, Kan., has seldom been able to furnish its customers with as thrifty, vigorous and well grown fruit or ornamental trees as they have to offer at present. This stock is grown in Cowley county, Kansas, and is free from all insect diseases and besides every order is fully inspected and certificate of inspection furnished. Mr. W. F. Schell, proprietor of this nursery, is a reliable and experienced nurseryman and patrons of this paper may safely expect full value for their money and exactly what they order and if any mistake is made the Wichita Nursery is always ready and willing to make everything right. If you expect to do any fall planting order direct. You save agent's commission. Write for Free Fruit Book. It explains all. Please mention this paper. See ad on page —

**A High Grade Investment.**

Provident and thrifty people, whose income exceeds their expenditures, naturally desire to place their surplus funds where they will bring in the largest interest return and at the same time be sure of getting back their principal. The highest rate the banks pay, on savings accounts or on time certificates of deposit, is only 3 per cent and this is less than half what a well advised and cautious investor may secure, who invests in stocks or bonds handled by a responsible firm. The Avery Company of Peoria, Ill., whose agricultural implements are known everywhere, have recently increased their capital, in order to care for their constantly growing business, and their 7 per cent Cumulative Preferred Stock makes a very choice and conservative investment at \$100 a share and accrued dividend and is being rapidly subscribed for. John A. Prescott & Company, First National Bank Building, Kansas City, Mo., are the bond dealers, who are selling this stock and their reputation is of the very highest; for sound judgment and conservatism. Mr. Prescott is a director in the First National Bank of Kansas City, and widely known among bankers and investors.

**It Is the Range That Makes the Cook.**

If it is indeed true that "the way to a man's heart is through his stomach," then it is very wise to look most carefully into the range question, for it is quite often the range that makes the cook—that makes or mars the cooking. The perfect range is that one which meets every requirement. Whatever other good points it may have, it must be a perfect baker, not now and again, but 365 days in the year. Then it must be durable, giving a lifetime of satisfactory service. Before deciding on the purchase of a range, the wise woman will examine closely into the merits of the Great and Grand Majestic—it is indeed a "Range with a Reputation"—it is a perfect baker at all times. The body of the Great Majestic is made of Charcoal Iron, which gives it wearing quality that will outlast three ordinary ranges. All top doors and frames are made of Malleable Iron—they won't break, crack or rust, like a steel and cast iron Range. Malleable iron is absolutely necessary for perfectly air-tight joints and on the Majestic Range all joints are riveted perfectly air-tight—no heat escapes and no cold air can enter—it is completely lined with pure asbestos—thus the oven can be heated quickly with about half the fuel used in the ordinary range. The great Majestic has a 15-gallon all-copper reservoir that gives boiling hot water in a very few minutes. The great and grand Majestic is justly called "The Range With a Reputation," because it has a reputation of a reliable manufacturer behind it and because there are hundreds of thousands Majestic Ranges in use all over the country, each one of which is (Continued on Page 39.)



Farrowed October 3, 1911. Length 58 inches, heart and flank, 57; bone 8 1-2. Weight 350.

**The Above is a Sample of the Fall Boars and Sows and Gives an Idea of the Offering as a Whole Which H. W. Walter Will Sell at**

**Effingham, Kan., Wednesday Oct. 16**

THE OFFERING is made up to 40 head and includes six fall boars, one spring yearling and 18 spring boars; one fall yearling gilt and 14 spring gilts. The great EXPANSIVE is strongly represented in this sale by his get, as are also Long King's Best, Sampson Chief and other well known boars.

**Mr. Walter's Reputation as a Breeder**

Of High-Class Poland Chinas is well known. The reputation his Polands have made in other herds and Mr. Walter's reputation as an intelligent feeder and fitter makes his annual sales a place to secure herd heading material in boars and herd material in sows. His sales always have been among the season's tops, which means that he produces that kind. There are so many good things in this offering that space forbids individual mention as they deserve. Mr. Walter has the goods to back up this statement: For those looking for herd heading material in boars from '7 to 18 months and in sows of the same age that in both breeding and individual merit are equaled by few no sale to be held this fall will offer more high-class selections than this one. The Catalogs give full and complete description of the offering. Mr. Walter will gladly mail them on request. Write today and kindly mention the Farmers Mail and Breeze. C. H. WALKER will represent this paper at the sale and mail bids may be sent to him in Mr. Walter's care. Address

**H. B. Walter, Effingham, Kans.**

Cols. H. S. Duncan and J. R. Triggs, Auctioneers.

**20 Boars—20 Sows**

Forty Head of Big Type

**Poland Chinas**

sired by the leading boars of the breed, will be sold

by **G. L. BRANIC**, at

**Hiawatha, Kan. Sat. Oct. 19**

**BOARS AND GILTS** by the great O. K. Lad, Gold Metal, Bell's A Wonder, Exalter, Gold Utility, Great Combination, Metal Choice, Big Sampson, etc.

**OUT OF SOWS BY** Gold Metal, Metal Choice, Banner Boy, King Mastiff, Prince Hadley, Capt. Hutch, Nebraska Jumbo, etc.

A royally bred lot of the popular big types offered at a time when every condition favors the buyer. I extend a cordial invitation for everyone interested in good hogs to attend. Mail bids may be sent to **C. H. Walker, Farmers Mail and Breeze Fieldman**, in my care. Let me send you a catalogue.

**C. L. BRANIC,**  
**Hiawatha, Kansas.**

Col. Frank J. Zaun, Auct.



## HARRIS HEREFORDS

### WORLD CHAMPIONS

For many years we have been the leaders in the Hereford Industry. Everyone concedes that fact. You know our record in the show ring for many seasons past—well—we are still at it. "MODEL HEREFORDS" are always on top. Here's an OPPORTUNITY for YOU

**Public Sale of "Model Herefords"**  
**OCTOBER 23, 1912**  
**Forty Females—Twenty-Five Bulls**  
**Will sell at home, Harris, Mo.**

Here is something really interesting about the females.

**85% under four and over two years of age;**  
**75% our own breeding; 90% bred to such**  
**bulls as Repeater, Gay Lad 6, Prince Per-**  
**fection, Donald Lad 7 and Beau Donald 5.**

Think these facts over carefully. They are worth considering. Now is your opportunity. Catalogues ready.

**SPECIAL TRAIN NOTICE**—The Southwest Limited will stop at Harris for our sale.

Write for details.

**Overton Harris & Sons**  
**HARRIS, Sullivan County, Missouri.**

## NOLL'S

# GREAT OFFERING

Poland Chinas of the biggest of the big type breeding, with size, quality and smoothness. One of the greatest offerings of the year in sale at

**Winchester, Kas., Tuesday, Oct. 22**

**IN THIS SALE** buyers will have an opportunity to make selections of boars and sows carrying the very best of the big Iowa breeding, sired by big boars and out of sows that were tops of the Iowa sales. Pfander's King 60262 by Long King, considered one of the greatest Long King boars in the state is the sire of the bulk of the offering. Others by Big Osborne and Expansion's Son. These are out of sows by A Wonder, Long King, Columbia Chief, Long Wonder, Union Leader, etc.

**FIFTY HEAD WILL SELL** including 32 boars and 18 sows. Nine fall boars and 6 fall sows, the balance spring farrow. Come to this sale and I will show you more top boars and gilts than have gone through a sale ring in a long time. The offering as a whole is A1, but I want to mention

## A Few Attractions

One March 3d boar by Expansion's Son out of the great A Wonder sow, Lady Mastodon 96th; another March boar by Pfander's King out of Wonder's Girl by A Wonder; and one extra good boar out of Leading Lady and sired by Expansion's Son. The gilts are equally strong. The catalogs are now ready and will be sent upon application by mentioning this paper. Buying orders may be sent to C. H. Walker, Mail and Breeze Fieldman, in my care.

**JNO. W. NOLL, Winchester, Kas.**

Cols. Zaun, Coleman and Brown, Auctioneers.

## Public Auction of

# Gudgell & Simpson Herefords

### Fine Stock Pavilion Stock Yards

## Kansas City, Mo., Thursday, Oct. 24.

THIS OFFERING OF 15 BULLS AND 45 COWS AND HEIFERS we believe to be the most valuable lot of breeding cattle offered from our herd. The 45 females are all bred and all are carrying first calves. They are of the best Anxiety type, sufficient proof of their ability as producers and a guarantee of their individual merit. The bulls range from 10 to 18 months, big, strong, growthy bulls of our best breeding—ready for service. The offering is sired by Beau President, Domino, Beau Modest, Beau Picture, Beau Dandy, Bright Donald, Beau Mischief and are bred to Domino, Beau Modest and Beau Stanway. Write today for a catalog, mentioning this paper.

**GUDGELL & SIMPSON, Independence, Mo.**

Cols. Bellows, Zaun, Reppert, Auctioneers.

## A.O. Stanley's—A Wonder, Panorama—Big Type

# Poland China Sale!

## Sheridan, Mo., Monday, October 21

Fifty Head, 20 boars and 30 sows, sired by A Wonder, Panorama, Bell Prince, Chief Price Wonder, Longfellow King, and Pawnee Prince, including two great yearling daughters of A Wonder, three great spring boars and one gilt by A Wonder and a dozen head by Panorama out of A Wonder sows. This offering is of the EXTREME BIG TYPE—the hogs have great length, great bone, are from big litters and will produce big litters. I will also sell my great yearling Panorama boar, Expansion Chief. No sale this fall will contain so many real high class extreme big Poland Chinas as this one.

Sheridan is on the main line Chicago & Great Western, 55 miles north of St. Joseph. Visitors can get in and out same day. Mail bids may be sent to C. H. Walker, Mail and Breeze Fieldman in my care. Write for catalog. A special invitation to Kansas and Oklahoma breeders wanting herd boar material or choice sows. Address,

**A.O. STANLEY, Sheridan, Mo.**

Cols. H. S. Duncan and J. W. Evans, Auctioneers.

## Eckles' Augus at Auction

### 20 Bulls - 20 Females

A selected lot of top breeding cattle—Blackbirds, Prides, Queen Mothers, Ericas, etc., in sale at

**Green City, Mo., October 23.**

The 20 bulls range from 10 to 18 months of age—strong, well bred, good conditioned fellows of herd header quality and include the four-year-old, Hutchinson's Choice.

The 20 females are a grand lot, all of good ages and strong producers. Ten with calves at foot and rebred. Five 2-year-olds bred and five open heifers. Get my catalog. Write, mentioning the Farmers Mail and Breeze, to

**W. F. Eckles, Green City, Mo.**

Col. Silas Igo, Auct. C. H. Walker, Fieldman.

## NOTICE: Third Annual Jack Sale

### Riverside Farm, Prue, Okla.

## Thursday, October 10, 1912

ONE O'CLOCK P. M.

**SEVEN** Registered Jacks. Ages 1 to 7 years.

My Herd Jack, **LONGFELLOW**, 17 hands high, standard measure, will be included in this sale.

Terms of Sale—12 months time on approved security with 10% interest from date. 5% discount for cash.

15 miles southeast of Cleveland, 5 miles northwest of Keystone and one mile south of Prue. Free Hack from Prue to sale.

Free LUNCH ON GROUNDS.

**J. B. COATES, Owner, Prue, Okla.**

Col. Tom Witherspoon, Auctioneer.



# SHORTHORN CATTLE SALE

At Pleasant Valley Stock Farm, Watonga, Okla., Wednesday, October 16th

Poland China Hog Sale Thursday, October 17th

## 45 Shorthorns

### 5 Young Bulls

HERD HEADER MATERIAL.

### 40 Choice Cows and Heifers

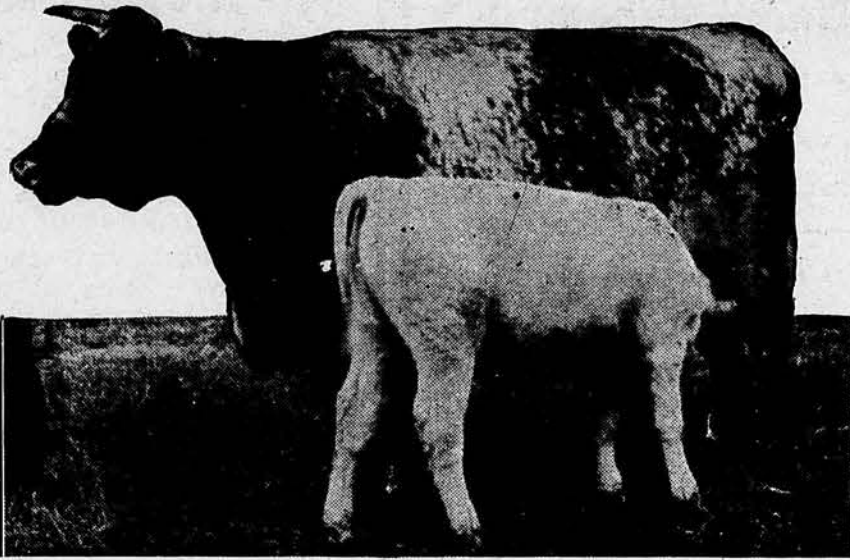
Several with calf at foot and re-bred. A number of these cows are safe in calf to the Junior Champion Violet Search, others are bred to Lavender Lord by Avondale and some to Prince Abbot.

### This Offering Contains Numerous Show Prospects

From Prize-Winning Sires and carry the blood of the Best Shorthorn Families.

This is a choice Shorthorn offering selected from over 200 head.

Everybody invited. Sale under cover. Write today for Catalog, mentioning Mail and Breeze. Address



THE KIND I BREED AND SELL

## 60

## Poland Chinas

Consisting of Tried Sows, Fall Yearlings and Spring Gilts; also a few choice Spring Boars ready for service.

They carry the blood of BIG HADLEY, EXPANSION, DESIGNER, MAJOR LOOK, GOOD METAL and LONG KING, together with others of the best medium and Perfection bred types. A number of the sows will have litters at side sale day. Most of the sows of breeding age are showing safe in pig to Col. Hadley by Big Hadley's Model.

# H. C. LOOKABAUGH,

Auctioneers: R. L. Harriman, John D. Snyder, Bert O'Dell, W. H. Oler  
Fieldman A. B. Hunter

# WATONGA, OKLA.

## Graner Sells Poland China Tops

FORTY HEAD—made up of 4 tried sows, 8 yearling sows, 10 fall gilts and two spring gilts; 17 boars, 13 yearlings and 4 of spring farrow will sell at

Lancaster, Kan., Tuesday, Oct. 15.



King's Jumbo is by Long King's Best and is said by good judges to be one of the top spring pigs to be sold this year. Here's a herd boar for some one.

### A Valuable Lot of Matured Sows to Sell

This sale is of importance to buyers for the one reason that so many matured sows and yearlings will be sold. Top sows that have raised litters will be sold open. Daughters of Gold Metal, Guy's Monarch, Capt. Hutch, Expansive, Kansas Victor, Colossus, etc. The boars are by A Wonder, Long King's Best, Guy's Monarch and Kansas Victor. The offering will be sold in the best of condition and are guaranteed to be as represented. Let me send you a catalog of this good offering. Write today and kindly mention the Farmers Mail and Breeze. Mail bids may be sent to C. H. Walker, Mail and Breeze Fieldman, or to my auctioneers, Cols H. S. Duncan and Jno. Daum.

H. C. GRANER, Lancaster, Kan.

## Poland China Hogs and Shorthorn Cattle

At Auction, Corbin, Kan.

Friday, October 11, 1912

2 Miles Southeast of Corbin

50 Poland Chinas 12 Shorthorns

Three Cows, all bred or with calf at foot.

Three Yearling Heifers.

Six Spring and Winter Calves, all bulls and good ones.

These Shorthorns are from milking families and carry the blood of such sires.

The 8th Waterloo Duke of Karney, Royal Waterloo and others of like note.

### Poland China Sale

Fifty head, consisting of:

Twenty Head of Bred Sows.

Fifteen Fancy Spring Gilts.

Fifteen Choice Young Boars Ready for Service.

These Bred Sows are all tried sows and the Spring Boars and Gilts are picked from over a hundred head of last spring's farrow. All of these Tried Sows are by Grannetta's Colossus by Colossus and out of sows of noted big type breeding. They will be bred to Last Chance, by Prospect Tecumseh.

These Spring Boars and Gilts are by Last Chance and out of both the perfection bred and large type dams. The strong feature of the cattle sale is the quality of the young bulls offered and that of the hogs is the good quality combined with size.

Don't wait, but send your name early for a Catalog. Address

Thos. B. Murphy & Sons, Corbin, Ks.

Auctioneer, James Sparks; Fieldman, A. B. Hunter.

They will offer at private treaty the 8-year-old Cleveland Bay show stallion, Progressive 1163, by Imp. Conquest 764.



# BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

WRITE J. M. McCown, Emporia, Kansas, special bargain list, farms and ranches.

WRITE for list of improved farms in Central Kan. T. C. Cook, Lost Springs, Kan.

160 A. Osage Co. Improved farm, near town. \$4,400. A snap. Watkins Land Co., Quenemo, Kan.

CHOICE 320 a., 7 mi. Topeka, 1/4 mi. Killmer. Ideal location. Good imp. Fred Friebel, Topeka.

SNAP, well imp. 1/4, ideal location, 3 mi. McPherson, no trades. Write A. W. Bremeyer, McPherson, Kan.

I OWN and want to sell 1,000 acres of fine wheat land. Write for prices. A. S. PRATHER, Plains, Kan.

FARMS: Best alfalfa, corn, wheat and large stock farms in state. For best bargains write Shawgo Realty, Emporia, Kan.

WRITE US for E. Kan. farms near Co. seat, and good market. Prices reasonable. Wilson-Emerson Realty Co., Ottawa, Kan.

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

192 A., 1/4 mi. Humboldt, Kan., with 100 a. good alfalfa land; 40 a. inoculated; quick cash, \$10,000. F. D. Culver, Humboldt, Kan.

EVERYBODY'S doing it now. Buying wheat, corn and alf. land at bargain prices. Sale and ex. list free. L. E. Pendleton, Commerce Bldg., Dodge City, Kan.

320 A., large 6 r. house, cellar, cistern, wells, windmills, large barn. Black loam soil. Lays fine. \$50 a. Catalog free. Southeast Land Exch., R. B. Adams, Mgr., Thayer, Kas.

SUMNER COUNTY, KANSAS. The best farms for diversified farming; the very choicest of improved farms. Crops are sure. Write H. H. Stewart, Wellington, Kansas.

ALFALFA, corn and wheat lands in rain belt of Kansas. Good upland \$35 to \$75, bottom \$75 to \$100. Free land list. THOMPSON & LEWIS, Whitewater, Kan.

IDEAL fancy stock farm, close Topeka, 160 a., 8 fields, abundant water, shade, good buildings, easy to reach and ship. Bargain at \$150 a. Smith Agency, Topeka, Kan.

WRITE for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holtsman, Concordia, Kan. (Pioneer Kan. farmers.)

FOR SALE: 160 acres 1 mile north of Blaine, Pottawatomie county, Kansas, 90 acres under plow, fair improvements. Price \$8,000, small cash payment and easy terms on balance. W. C. KIELY, Wheaton, Kan.

160 A. Solomon River Val., good 5 r. house, barn 80x40, well and mill, 50 a. alf., 30 a. grass, 3 mi. to market. Price \$50 a., \$1,500 cash, bal. terms. Corn on farm make 50 bu. to a. I. R. ELDRED, Phillipsburg, Kan.

HOMES in N. W. Ark. Good soil, pure water, healthful climate, from \$500 to \$20,000; also flouring mill \$4,000, good proposition. Best reasons for selling. Harness, carriage, furniture stock live town. Other bargains. Write for list. Ad. Box A-1, Hindsville, Ark.

FOR SALE—Stock of gen. mdse., will invoice from ten to twelve thousand, first class condition, doing large business, making money, located tributary to Wichita. Owner obliged to sell on account of ill health. Part cash, easy terms on bal. Verne H. Kellogg, Lock Box 374, Wichita, Kan.

ACRES—160 improved in Woodson Co., Kan. 2 1/2 miles from town, lies fine. Alfalfa soil. 80 acres in cultivation, balance in meadow and pasture. All fenced. House of 5 rooms, cave, barn, fine orchard. Grove around bldgs. Price \$75 acre. Mtg. \$4,000 long time. Equity for mdse. or income or clear rentals. Yates Center Land Co., Yates Center, Kan.

200 A. bottom farm near town. 40 a. alfalfa, good imp. \$75 a. Easy terms. FRED A. REED, Salina, Kan.

EMPORIA, KANSAS. Write for list of farm bargains. They are real. Best farms for the money with best school privileges. FRED J. WEGLEY, Emporia, Kan.

SOUTHEASTERN Kansas, the garden spot of the state. Send for our Neosho Co. booklet and farm lists. We will include also a nice farm photo. MALSBURY & WALRAD, Erie, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

IN THE OZARKS OF ARKANSAS small fruit farms pay the best; if interested in stock, fruit or grain farms, address EWALT LAND CO., Springdale, Ark.

FARM BARGAINS. Choice wheat and alfalfa lands in famous Medicine and Sharon Valley. \$25 to \$50 per a. J. P. DUNCAN REALTY CO., 712 Beacon Bldg., Wichita, Kan.

## ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY

Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

## DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.

ACRES—160 improved in Woodson Co., Kan., 3 miles from town. No rock; lies fine; good soil. 70 acres cultivation, 85 in meadow, balance pasture. All valley land. Will grow alfalfa. House of 5 rooms 1 1/2 story. Small barn, wells, R. F. D. and telephone. Price \$85 acre. Mtg. \$4,000. Trade equity for mdse. or income property. Box C, Yates Center, Kan.

200 ACRES—90 acres in cultivation, bal. pasture and mow land. Improved. 5 mi. from Herington. Owner's only reason for selling is wife's poor health. Price until Oct 15th \$50 per acre. W. D. MORGAN, Herington, Kan.

LINN CO. EASTERN KAN. Well improved farms, level, fine soil, corn, alfalfa, tame grass belt. Close to school house, church and towns. \$25 to \$75. Write quick for state map, literature, and bargain list. WAIT & DEAN, Blue Mound, Kan.

480 A. extra fine soil; all tillable; 300 a. cult.; 150 a. native grass; 20 a. bluegrass and white clover pasture; 6 r. house, barn 52x60; large corn crib; \$55 a. \$10,000 cash, remainder long time 6 per cent. This place is cheap at \$75 per a. Owner says sell. MANSFIELD, Ottawa, Kan.

540 ACRES, 2 mi. Parker, in high state cultivation. 2 sets buildings, 7 room and 4 room. 4 barns, orchard, 440 acres tillable, 150 acres alfalfa land. Well fenced and watered. R. F. D. and phone. Price \$45. \$5,000 cash, bal. 10 years at 6 per cent. OLDFIELD & KENSLEY, Parker Kan.

KINGMAN 1500 a. solid body, 500 cult., 300 bot. COUNTY fair bids, near market; price \$32.50. KANSAS half cash, balance at 5 per cent. JOHN P. MOORE Land Co., Kingman, Kan.

GOOD SOUTH-CENTRAL KANSAS land to trade for mdse. or hdw. H. C. Whalen, 213 Biting Bldg., Wichita, Kan.

CORN, WHEAT AND ALFALFA LANDS and stock ranches \$10 to \$15. Also city property. WINONA LAND CO., Winona, Kan.

FOR SALE. Lyon county, Kansas, corn and alfalfa improved farms and ranches. Write J. E. ROMER, Emporia, Kansas, for bargain list.

WRITE FOR OUR BARGAIN SHEET of our farm and ranch lands in W. Kansas, also choice farm homes near Wichita, Kan. Kuhlmann Realty Co., Wichita, Kan.

EASTERN KANSAS FARMS. Corn, clover, bluegrass country. Reasonable prices and terms. Some exch. New list free. Kranshaar & Belding, Pleasanton, Kan.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$60. List free. LANE & KENT, 3rd St., Burlington, Kan.

LINN COUNTY. Fine improved farms; natural gas, coal, wood and good water; Adapted to wheat, oats, corn, flax, timothy, clover, bluegrass. Folger free. A. E. ROOT, Pleasanton, Kan.

EASTERN KANSAS FARM BARGAIN. 240 a. 2 1/2 mi. town, 150 a. cult., good orch., bal. grass, all smooth, well imp., good bldgs., close to school, good water, R. F. D., phone. \$50 a. J. C. RAPP & CO., Osage City, Kan.

BARGAIN. Aren't I a dandy? 80 smooth acres, 8 room 2 story dwelling, large new barn, cave, orchard, usual outbuildings, R. R., tel. 1/4 mile to school, 6 miles out. \$4,200 gets me; look me over. F. C. LIBBY, Blue Mound Linn Co., Kan., J. L. Wilson, Salesman.

BARGAIN IN KINGMAN CO., KAN. 160 a. smooth black soil, all tillable. 90 a. in cult., bal. fenced. Well, windmill, abundance water. 2 mi. from Norwich with 2 railroads to Wichita and K. C. Only \$5,200 for short time. D. E. Schmitt, Moundridge, Kan.

LINN AND BOURBON CO. FARMS. Biggest bargains in Kan. Corn, wheat, timothy, clover, bluegrass land \$15-\$80. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illus. folder free. EBY-CADY REALTY CO., Pleasanton and Ft. Scott, Kan.

FRANKLIN COUNTY, KANSAS. 67 a. 2 1/2 mi. of Ottawa, all rich tillable land. Good 5 r. house, barn, water, fruit. \$75 per a. Write for list. H. H. COWAN REALTY CO., Ottawa, Kan.

SHERMAN COUNTY, KANSAS. Where corn, alfalfa, and small grains of every description grow to perfection. Level, fertile land, \$10 to \$50 a. Liberal terms. Handsome, illus. cir. free upon request. G. L. CALVERT, Goodland, Kan.

LOOK HERE! 117 a., best little farm in Kansas, 60 bottom, bal. pasture, 25 alfalfa, 45 hog tight, near town, timber, fine water, \$35.00 per a. Ask about this and other bargains. F. D. GREENE, Longton, Kan.

320 ACRES FOR SALE. 6 1/2 miles from Preston, all fenced and cross fenced. 220 acres in cultivation, 100 acres in pasture; good 8 room house, barn for 18 horses, granary and sheds, well and windmill. On phone and rural route. If you want a good wheat and corn farm investigate this. Price \$11,000 with good terms. CHAS. E. DYE, Preston, Kan.

### IMPROVED 80 ACRES.

Montgomery Co. creek valley land; close electric line; leased for oil and gas; owner gets \$600 yearly royalty, which goes to buyer. Only \$45 per acre. FOSTER BROS., Independence, Kansas.

### EASTERN COWLEY CO.

The cattle and hog man's paradise. Best grass, best water, crop failures unknown quality considered. We have the cheapest lands in Kansas. Farms and ranches. \$20 to \$60 per a. Write me what you want. HOWARD COLLINS, Burden, Kan.

### GOOD FARM FOR SALE.

I own 160 acres creek bottom improved, in Bourbon Co., Kan., N. W. of Ft. Scott. Fine neighborhood and good roads. 100 acres in cultivation. I do not want such a large farm and do not expect to live on same. You will like the farm. Write me. Price \$12,000.00. H. CLAY BOWSHER, 4050 Broadway, Kansas City, Mo.

### READ THIS.

I have a well improved 240 a. farm, 2 1/2 mi. of Seipia, Kan., for sale at the owner's price \$70.00 per a. No rock or gravel, all good lime soil. No waste land. Also no trade. Other good farms in both Protestant or Catholic neighborhood for sale at the owners' prices. Cash deals a specialty. Address W. L. MORRIS, Owners Agency, Garnett, Kan.

### IDEAL FARM AND RANCH HOME.

Ranch of 2,258 a. 500 a. fine creek bottom best alfalfa land, bal. fine pasture and timber on Rock creek; stock water, feed lots; timber, black walnut, burr oak, hickory, pecan and hackberry; three good sets of impr., good houses, barns, hay barns, cattle sheds, everything that goes to make up a first class ranch, 100 a. alfalfa; fine meadow. 5 mi. good town. \$35 a. WILSON & MEEKER, Room 2, Opera Bldg., Winfield, Kan.

80 A. \$1800 in N. E. Oklahoma, improved; 3 miles town. GER. AMER. LAND CO., Tyro, Kan.

\$1,200 Cash 161 acres, 2 3/4 mi. town, 110 level fine soil, 50 pasture, fine well and springs, 8-room house, balance 6 per cent. Price, \$7,200. I. R. KREHBIEL, Geneseo, Kan.

### MANHATTAN BARGAINS

Seven acre suburban home, large buildings, adjoins college campus. 80. acres second bottom, modern improvements, near college. For particulars write L. D. ARNOLD, Manhattan, Kan.

### A REAL ESTATE BARGAIN

We have the exclusive sale of a 320 acre stock and grain farm. 7 1/2 miles from Burlingame, 3 miles from Rapp Station, on the Missouri Pacific railroad; 1/4 mile from school; good 7 room house, and barn 24x42x16. \$45 per acre; terms to suit purchaser. AMOS & DOTY, Burlingame, Kan.

### Fine Half Section

on Santa Fe Extension. All tillable rich soil. 11 miles from Hugoton, Kansas, to which Santa Fe Extension is building. Dark sandy loam. No waste. On telephone line and R. F. D., 1 1/2 miles from school and church. \$3,700. Will carry \$2,000 till Jan., 1914, at 7 per cent. This bargain won't last. E. J. THAYER, Liberal, Kansas.

### 400 ACRES FOR SALE

Two sets of improvements in fair condition; plenty shade trees. 2 good wells, windmills and concrete water tanks; also creek water at each place. 280 a. of bottom alfalfa land and 160 a. of upland (black soil). 200 a. in wheat, 30 a. alfalfa, 60 a. pasture, bal. corn land, all tillable. 2 mi. town. Phone. Level roads. Will sell part or all. Terms on part. Price \$80 per acre. T. F. JOHNSTON, Garfield, Kan.

### \$480 Cash

Choice Meade Co., Kansas, quarter, well located, unimproved, excellent soil. Price \$2,080, \$480 cash, balance easy terms. This is a "snap price" for quick deal. Get busy. W. V. GRIFFITH, Plains, Kan.

### OKLAHOMA.

BARGAIN IN KAY CO. 240 a. smooth black land, 5 mi. market, imp., good water, price \$27 a. \$2,000 cash, bal. terms. Write Stevens-Cronan Realty Co., Newkirk, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

FREE—Loose Leaf Exchange Book. It will match your trade. Write Desk A. E. P. JOHNSON, Ordway, Colo.

10,000 ACRES choice improved farm land, 5,000 acres raw land. I own these and will sell on easy terms. For list write L. R. KERSHAW, Muskogee, Okla.

40 ACRES about one mile from Thomasville, Okla.; R. R. town, lies well, unimproved, all in timber and grass, perfect title, price \$5.00 per acre, terms. W. F. COLNOR, Heavener, Oklahoma.

RIGHT NOW is the time to get a bargain in Oklahoma land. Better crops, better terms and lower prices than any part of Okla. Send for my Free Book. PERRY DEFORD, Oakwood, Okla.

TWO excellent quarter sections, nearly all under plow, fair improvements, for sale cheap. \$1,000.00 will handle either, balance in easy payments to suit. FRANK McKAY, State National, Oklahoma City.

### OKLAHOMA

EASTERN OKLAHOMA farms for sale by owner. Write W. A. Hancock, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

N. E. OKLAHOMA, corn, wheat, oats, clover, timothy and alfalfa lands. Newcomer & DeLozier, Adair, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms, \$10 to \$50 per a. Write Ebey & Harrison Bros., Ada, Okla.

12 IMPROVED farms near Okla. City. For prices, write Ross E. Thomas & Sons, 217 Colcord Bldg., Oklahoma City, Okla.

160 A. two mi. R. R. town, seven mi. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

182 A. imp.; 3 mi. of Kiowa. Bottom land 80 cult., bal. timber. Most all fenced. Price \$32 a. \$2,500 cash, bal. 6 per cent. Western Real Estate Exchange, Kiowa, Okla.

80 A. bottom land, practically all tillable, without rock or overflow. 3 mi. R. R. town this county. 60 a. cultivation. Fair improvements. Corn made 50 bu. per a. this year. \$25.00 per a. Good terms. Write us about pasture propositions and grazing land. SOUTHERN REALTY CO., McAlester, Okla.

ALFALFA, broomcorn and wheat land. 160 a. 3 mi. of market, 100 a. in cult., nearly all tillable, living water, 3,000 catalpa trees. Owner is non-resident and offers sacrifice for cash. Price \$4,500, \$2,000 6 per cent loan due in 8 yrs. Write us for bargains in sales and exchanges. THOMAS-GODFREY, Fairview, Okla.

### POCKET MAP OF OKLAHOMA

for five names of persons in -nding to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

### WOODWARD COUNTY, OKLAHOMA.

Good land \$15-\$35, advancing every day, shallow water, excellent crops, awarded world's prize last year. Write for lit., price list. Gaston Bros. Realty Co., Woodward, Ok.

### TO ACTUAL FARMERS.

Come and see me if you want to own a home farm of good land, deep soil, no rock, no hardpan, 42 inch rainfall, \$30 to \$40 per acre; long time; easy terms. No trades. CHAS. WHITAKER, Eufaula, (Eastern) Okla.

BALDWIN & GIBBS OF APACHE, OKLA. have fine alfalfa farm to trade for stock of hardware. Good farm and brick business bldgs. for grass land. Best farms in Okla. to sell. In famous Coche Creek Valley. Have the crops to show now. Write for bargains. E. D. WILLIAMS, MGR., Apache, Okla.

### AMERICAN REALTY CO.

Are offering Splendid Bargains in Stock and Grain Farms. Our Specialties—Impr. ALFALFA, Fruit and Poultry Farms. We have the Farms they all want, fine location, near towns, good schools, and churches, fine climate, excellent water. Send for lists, then see for yourself. 304-6 Surety Bldg., Muskogee, Okla.

### GET A FARM ON PAYMENTS

Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.

### Eastern Oklahoma

Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

### IN THE RAINBELT

Muskogee county, Okla., due south of Kansas City. 24 farms for sale by the owner. Write for price list, state map and illustrated booklet. BEARD LAND CO., Muskogee, Okla.

### OKLAHOMA, ARKANSAS AND LOUISIANA FARMS FOR SALE

In 40 a. tracts and up, easy terms. Write for literature on state desired. We are owners, not agents. We have 15,000 acres in Okla., 10,000 acres in Ark., and 4,000 acres of rich Red River bot. land in La. Tenants wanted who can farm 320 acres or more of our lands in La. Agents wanted. ALLEN & HART, 308 Commerce Bldg., Kansas City, Mo.

Oklahoma Wants You 500 choice farms for sale. Good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

### NEW YORK

#### A SENSIBLE BARGAIN.

130 acres, nearly level. Oh! what a nice farm! 12 room house; two basement barns 35x50, 35x52, 15 cow stalls; silo; carriage house, 24x35; mile to church and school. If bought at once will include three cows, two horses, two pigs, brood sow, mower, rake, harrow, plows, cultivators, potato drill. Sugar orchard, 400 trees; sap pans, buckets, spiles; \$1,000 worth saw timber as it stands, all for \$4,400, part cash. HALL'S FARM AGENCY, 1300 Lake St., Elmira, N. Y.



## TEXAS.

COLONIZATION tracts, potato and corn land in different sized tracts. Eagle Lake Investment Co., Eagle Lake, Texas.

FREE ILLUS. literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

TEXAS GULF COAST LANDS—\$7,000 a. of the best to sell to actual settlers. Write today. A. B. Armstrong, Guthrie, Okla.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Tex.

CHEAP LANDS. Big crops. Big bargains. Big country. Wheat yielding 20-40 bu. Best lands at lowest prices. Join the excursion. Come with the crowd. Write for par. J. N. JOHNSON LAND CO., Dalhart, Tex.

RAINS ABUNDANT; crops fine; land values will double quickly. We are expert farmers, 40 yrs. experience, and will give your business honest attention. Agents wanted. White Brothers, Plainview, Texas.

FOR SALE—Alfalfa, fruit, vegetable and general farming lands in Wonderful Pecos Valley of Tex., on terms and in tracts to suit. Free trip to buyers. Crops grow all year round and pay from \$100 to \$1,200 a. Write today for free information. Stratton Land Co., 263 Monadnock Block, Chicago, Ill.

LAND FOR SALE IN TEXAS. One tract of 19,000 acres at \$8 per acre. Smaller farms and ranches. Write W. B. ODOM, Hondo, Texas.

PROFITS IN GULF COAST LAND. Wonderful production, large increase in value, an attractive home. Get our Free Booklets. "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write THE ALLISON RICHIEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

## TEXAS

BRAZORIA COUNTY, TEXAS. 1,000 acres, sandy loam, prairie land, well drained; very fertile. Price \$20.00 per acre. Terms. Write me for bargains, any size tract. W. D. GRAHAM, Velasco, Tex.

LAND BARGAINS IN THE SUNNY SOUTH. Farms, ranches, timber lands, colonization tracts. Beautiful illustrated descriptive booklet, Texas map, and land list FREE. GREENFIELD REALTY COMPANY, Southwestern Life Bldg., Dallas, Texas.

## IDAHO

FOR HIGH CLASS IRRIGATED LAND with plenty of water, lava ash soil and an ideal climate, good fruit, grain and dairy country, address THE STILSON-BLODGETT LAND CO., Gooding, Idaho.

## NEBRASKA

IF YOU want to buy Southwest Nebraska land at \$10 to \$30 per a., write or see A. T. Cowings, Benkelman, Neb.

IF YOU want to buy Irr. or unirr. land at low prices on good terms, write or see J. M. Crews, Culbertson, Neb.

GOOD level land, for stock raising and gen'l farming, \$10 to \$20 per a. List free. Haigler R. E. Co., Haigler, Neb.

GRAB THIS. 210 a. Neb., 180 a. cult., (50 a. alfalfa), near town. Well improved, \$110 per a. 2-5 cash, bal. 5 per cent. Soil produces 10 bu. more grain than surrounding land. Pralle Bros. Realty Co., Bremen, Kan.

ALFALFA FARM ADJOINING FARM. 1,040 a. alf. and hay ranch; 100 alf., 300 more suitable; 500 hay meadow; adjoining R. R. town; highly impr. \$40 a. Other bargains. WILL C. ISRAEL, Benkelman, Neb.

## TENNESSEE

BUY RICH, fertile, alluvial lands now in Sunny Southland. Big income payers. These lands will make you rich. MCKINNEY LAND CO., 78 N. Main, Memphis, Tenn.

## ILLINOIS.

RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

## LOUISIANA.

ALFALFA farm practically free to experienced grower under 30 yrs. Want start industry. R. A. Shotwell, Mgr., Chamber of Com., Monroe, La.

NORTH LOUISIANA railroad land, best in U. S. Low prices, 15 years' time. Write for literature. Hugo Jacobson, Salina, Kan., Immigration Agt.

## ARKANSAS

GOOD corn and rice land. Cheap. Easy terms. See W. P. Cook, Brinkley, Ark.

GET our booklet "Arkansas Farm Lands." Holman Real Estate Co., Little Rock, Ark.

240 A. grain and stock farm 7 mi. out. 4 houses, good water, \$12.50 per a. Box 19, Horatio, Ark.

ARKANSAS RIVER BOTTOM plantations, virgin timber lands, small farms. Send for list. Dumas Realty Co., Dumas, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$60 per acre. List free. L. A. JUSTUS, Foreman, Ark.

YAZOO-DELTA Black Alluv. lands. Upland farms Ark., Miss. and La. Gulf Coast truck farms. Galbreath Bros., Memphis, Tenn.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

520 ACRE FARM, one-third cultivation. 6 room house, nice soil and productive. Price \$8 per a. Terms. Polk Real Estate Co., Little Rock, Ark.

DO YOU want a farm in Arkansas? If so, write for my illustrated book, map, and unimp. prairie, timber and rice lands. Write me today. Olaf H. Kyser, Stuttgart, Ark.

BARGAINS in improved and unimproved corn and alfalfa farms, in the great St. Francis Valley, Mississippi county, N. E. Ark. Blytheville Realty Co., Blytheville, Ark.

CORN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

160 A. 3 mi. from town, good improvements. R. R. switch at house. 90 a. in rice, bal. hay, corn and oats. Price \$80 per a. Half cash. John M. Ellis Co., Stuttgart, Ark.

FOR SALE—373 a. fine land, 80 in cultivation, 60 in pasture, bal. timber, good house, barn, orchard, 2 mi. from town and R. R. BIG BARGAIN. \$2,500.00. F. J. Ray, 105 Center St., Little Rock, Ark.

BARGAINS in North Ark. Good valley farms and cheap dairy and grazing land. WATT & POTTER, Hardy, Arkansas.

80 A., 60 in cult., 1 1/2 mi. of Judsonia; 16 a. berries, 5 room house, large barn, sandy loam soil. Spring water. R. F. D. Tel. Price \$4,500. Easy terms. WITT REALTY CO., Judsonia, Ark.

672 ACRE farm. 3 sets improvements, near Arkansas City, Kan. 65 in alfalfa. Best of terms. Ask about this good farm. 80, 160, 240, 320, 408, 620, all above farms are good prices from \$30 up to \$56 per a. WM. GODEBY, Arkansas City, Kan.

## ARKANSAS

192 A. Little River bottom farm; 90 cult.; bal. timbered; good house and barn; orchard; rich dark soil; free winter and summer range; 4 mi. Ry. town; \$15.65 a. ROBT. SESSIONS, Winthrop, Ark.

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

\$60 DOWN BUYS A 40 ACRE FARM in rain and corn belt of Arkansas. Write for free map and list. Leavitt Land Co., 210 W. 2nd St., Little Rock, Ark.

500 A., 250 IN CULTIVATION. 3 nice dwellings, 12 tenant houses, large barns, farm adjoins Gould, Ark. Price \$30 per a. Terms. See W. O. Harkley, Dumas, Ark.

MISS., ARK., AND LA. FARMS in the Mississippi Valley are the best and cheapest. Write for list. No trades. HURST TRUST CO., Memphis, Tenn.

A REMARKABLE BARGAIN. 623 ACRES; good 8 room residence; two tenant houses; 130 a. cultivation. 2 mi. railroad town. No wash land. Price \$10 per a. Other lands. R. C. THOMAS, Magnolia, Ark.

ARKANSAS LAND. 17,000 acres, all tillable, no rock or hills, for sale in small farms, Grant county, \$1.50 per acre cash, balance 20 years at 6 per cent. Can employ 80 men and teams. E. T. TETTER & CO., 216 W. 2nd St., Little Rock, Ark.

2,000 ARKANSAS FARMS for sale. Write us for special map of Arkansas and descriptions and prices of farm lands. Booklets and literature sent free to any address. Largest land dealers in Arkansas. McMahon Realty Co., 219 West Markham St., Little Rock, Ark.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

FAMOUS SPRINGDALE FRUIT DISTRICT. 600 car apple crop about ready, an interesting sight. 80 acres close to town, good road, 5-r. house, 15 acres bearing apple, 15 acres peaches, 4 acres strawberries, \$6,000 for quick deal, including 1,000 apple crop. Fredricks, Springdale, Washington Co., Ark.

A FARM FOR YOU IN ARKANSAS. 40 acres GOOD LAND \$800.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tracts proportionate terms.

Our sixteen years' experience is at your service in investigating Arkansas Real Estate Department. TEXARKANA TRUST COMPANY, Texarkana, Arkansas. Colored map of Arkansas for 10 cents.

Scott County, Arkansas where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

## FOR SALE OR EXCHANGE

GROCERIES and merchandise for farm. Other trades. F. Gaas, Joplin, Mo.

I SELL or trade land or goods. Describe your wants. F. H. Brown, Golden, Mo.

BUTLER CO. farms for sale or exchange. For list write J. C. Hoyt, Eldorado, Kan.

WRITE for lists, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, Eldorado, Kan.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Co., California, Mo.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

FREE lists of Ark. fruit, grain or stock farms and exchanges. Star Land Co., Gentry, Ark.

ANDERSON COUNTY farms for sale or trade. Write for descriptions. Her & Simmons, Garnett, Kan.

2,400 A. imp. choice land, big crops, 10 mi. R. R. \$15 per a. Other snaps; some exchanges. R. A. Shook, Akron, Colo.

FOR SALE OR EXCHANGE—List your farms and city property with Geo. R. Rinebarger, Real Estate, Elmdale, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

FARM BARGAINS—In western Missouri, eastern Kansas and Arkansas. Send for descriptive literature. T. S. Wilson, Hume, Mo.

QUIT FARMING and go into business, less hard work. If interested, write me what you have. H. U. Porter, Quinter, Kan.

FOR SALE OR EXCHANGE: Western lands, city property and stocks of general merchandise. Write today. State what you have. W. C. Kiely, Wheaton, Kan.

FOR FREE information about Republic Co. corn, wheat and alfalfa lands, write me; also Decatur Co. lands. Prices and terms right. Some ex. Jesse A. Simpson, Scandia, Kan.

FARM BARGAINS—Good Anderson county, Kansas, farms at bargain prices; farms to exchange for merchandise or rental property. Four Square Land Office, Colony, Kan.

GOOD 480 acre farm, improved; clear; 4 miles from Goodland; will trade for a smaller farm; Lyon county, Kansas preferred. Write KYSAR REALTY CO., Goodland, Kan.

2,840 ACRE stock ranch, surrounded by free range, watered by springs, well improved, 60 miles fence, \$20,000. Also irrigated lands, paid up water, \$30 up. Write for exchange list. Shanholtzer Bros., Brush, Colo.

TO EXCHANGE; for Kansas or Missouri land, 320 acres San Luis Valley, Colorado, subirrigated land, partly improved, abundance water, crops sure. R. G. McCoy, Formoso, Kan.

FOR SALE OR EXCHANGE: Quarter improved land, Texas Co., Mo. 100 acres broke, balance timber, fair improvements, good laying land, 5 miles to station, price \$30.00 per acre. Inc. \$1,000.00. THE MCCOY LAND CO., Formoso, Kan.

39 ACRES, 3 miles Norwood. Daily mail. Phone at school. 30 acres fine valley, 6 room frame house. Possession. \$1,600. Want groceries or shoes to \$600. Balance time and cash. W. S. ELROD, Norwood, Mo.

FOR SALE OR EXCHANGE for farm of near same value, a \$5,000 stock genl. mdse., A-1 condition. Good location Eastern Kansas, small town. Any fair offer considered. Address "Opportunity," care Farmers Mail and Breeze.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Co. Write for list, trades. NATE NEAL, Real Estate, Minneapolis, Kan.

A VERY FINE well improved 800 acre wheat and corn farm, 5 mi. of Utica, clear of enc., all fine land; want clean running genl. mdse., don't offer junk; might pay some cash difference; about \$20,000 stock wanted. Buxton Land Co., Utica, Ness Co., Kan.

FOR SALE AND EXCHANGE. Telephone plant, first class, good town. S. C. HOLMES, Yates Center, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr., 225 a. in cult., 5 mi. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

MONEY-MAKERS AND GOOD HOMES. Lands in Oklahoma, Texas and Kansas for sale. Also city property and stocks of merchandise to exchange. List free. JABEZ F. BRADSHAW, Lenexa, Kan.

LAND FOR SALE AND EXCHANGE, in famous corn, wheat, alf., timothy, clover and bluegrass country in N. E. Kan. Exchanges a specialty. Send for list. Compton & Royer, Valley Falls, Jefferson Co., Kan.

LAND FOR MERCHANDISE. 1,280 acres unimpr. 6 mi. R. R. town; Co. seat Logan Co., Kan. 1,000 a. level, bal. good pasture, want to trade your mdse. for land at cash value \$12.50 per a. Get busy. S. J. BAKER, Grainfield, Kan.

FOR SALE OR TRADE. 640 a. good smooth wheat land, in S. central Hodgeman Co., fenced and cross fenced, well and mill, 100 a. in cult. Price \$12,800, \$7,800 cash or trade, bal. on time. R. S. MAIRS, Kinsley, Kansas.

WANT TO RETIRE. Will sell my 1,640 acre ranch all stocked, everything in first class shape, 320 irrigated, (house modern), would accept small place as part payment and one-half the crops and one-half increase of stock until paid for. C. F. FAX, Haigler, Dundey Co., Neb.

WANTED E. KAN. FARM FOR WHEAT RANCH. 800 a. 4 mi. Utica, Ness Co. All level. Good 6 room house, cave, granary, barns and other outbuildings. Fine well and windmill. 500 acres in cultivation. Cannot beat it in Kansas. Price \$30 per acre. Will trade for E. Kansas farm or ranch. What have you? IOLA LAND COMPANY, Iola, Kan.

FOR EXCHANGE. Improved 100 acres, bottom land in Allen Co., Kansas, worth \$12,000.00, will exchange for mdse. or hdw. in North Missouri, Ill., or East Iowa. Also good 200 acres and 80 acres at a bargain for cash, easy terms, good homes and fine land. Write for fuller description if interested. WILSON & RESSEL, Colony, Kan.

For Sale or Exchange Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

For Sale or Exchange Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forssee Bldg., St. Joseph, Mo.

## Arkansas River Plantation

1,760 a. 1,200 a. in cultivation, bal. woods; small portion outside levee. Two Fine Residences with Acetylene light and water service with 80 pounds pressure. New Gullet Gin equipped with three 70-saw gin stands, 70 h.p. boiler, 62 h.p. engine; Grist Mill and cut-off saw in connection. One good Store building, plenty of barn room and tenant houses. This place is positively not subject to overflow and is one of the very best plantations to be found along the famous Arkansas River bottoms. It is located at one of the regular steamboat landings, and also on the main road from Dumas to the River. This place is particularly adapted for rice culture, having an abundance of water in beautiful lake adjoining. Fine alfalfa land.

Price: \$55,000.00. Terms. For further particulars address Dumas Realty Co., Dumas, Arkansas

## Forty-Acre Farm for \$60 Down

Balance Any Time in Twenty Years at Six Per Cent. 48,000 ACRES TO SELECT FROM.

Near Pine Bluff. No crop failures; average rainfall for the last twenty-five years has been 48 inches. Soil sandy loam, with clay subsoil. Cut-over land, good water, good climate, good health and good schools. None of it more than three and one-half miles from the railroad. Produced on a demonstration farm in the heart of the land, last year, 75 bushels of corn, a bale of cotton and other farm products in proportion, to the acre, \$12.50 per acre on the above terms.

## Sawyer &amp; Austin Lumber Co.

307 Citizens Bank Building, Pine Bluff, Ark.



## Ways-Means-Results

(Continued from Page 7.)

May this year to the Canal Zone. Heilbrunn & Company are baling hay from 2,000 acres for Panama. Frank Hunsicker, an Osage county hay farmer, this season had 66 men in his haying crew. In all about 4,000 acres of hay will be shipped out this year.

The illustration on this page shows an 8-horsepower gas engine and baler at work on the field on "Tom" Herzog's place in Osage county. This outfit turns out 100 bales an hour. Mr. Herzog has 1,400 acres of hay land. A good average crop is  $\frac{3}{4}$  to  $1\frac{1}{2}$  tons per acre, and when the crop is light, the increase in price usually goes a long way toward making good the loss. This year one of three Osage county farmers, who are working in partnership, will get \$13,000 as his share.

## Editorial News Notes

(Continued from Page 34.)

giving perfect satisfaction, some have been in constant use for more than 25 years and still give excellent results. Majestic Ranges are for sale in nearly every county in 40 states. If your dealer doesn't handle them you will do well to write the Majestic Manufacturing Company of St. Louis, Mo., for their interesting booklet, "Range Comparison." It is well worth reading. At the same time they will tell you where you can see and examine the Majestic and settle the range question. See ad on page 37. Address Majestic Mfg. Co., Dept. 11, St. Louis, Mo.

### Has Solved Gate Troubles.

According to the testimony of users the American Farm Gate Co. of Kansas City,

## As a Candidate For Governor of Kansas These Are the Things I Stand For

For revision of taxes downward—on city, county and township as well as state taxes.

For the strictest economy in public expenditure—a dollar's worth of service for every dollar of the people's money.

For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give jobs to political leeches and grafters.

For the civil service and merit system in the transaction of all business of the state.

For consolidation of boards and other public offices wherever possible.

For salaries for county officials instead of the present fee-grabbing system.

For a more efficient primary law, including a presidential preference, and the fullest publicity to campaign expenses and contributions, and the elimination of the slush-fund in politics.

For government by the people and not the bosses, the politicians and favored special interests.

For the election of state and county officers for a term of four years, subject to recall, and making state officers ineligible for more than one term.

For the election of United States senators and all officials by direct vote of the people, for the non-partisan election of judicial officers, and for the equal suffrage amendment now before the voters.

For abolition of life terms of office of federal judges and substitution thereof of limited terms.

For an amendment to the present inheritance tax law, exempting all direct heirs for at least \$25,000.

For the state publication of school books and distribution to patrons at actual cost.

For the Initiative, Referendum and Recall.

For a practical, sensible good roads law, that will do away with the wastefulness and inefficiency of the present system.

For the assessment of real estate every four years, and abolishment of the office of county assessor, except in counties where the office is created by vote of the people.

For less technicality and speedier justice in courts.

For legislation to increase the efficiency of the rural and grade schools.

I am opposed to the resubmission of the prohibitory amendment and am for the strict and impartial enforcement of the prohibitory law and all the laws of the state without fear or favor, for rich and poor alike.

For a law to give to a convict's dependent family a portion of his earnings while in the penitentiary.

For more farmers and business men and fewer lawyers and politicians for legislative work.

There are too many useless and foolish laws in this state. I favor their repeal or revision.

I favor prison for the big thieves as well as the small ones, and am opposed to paroles for bankers.

For substantial tariff reductions to the lowest basis that will support the American standard of wages.

For a law that will effectively stamp out the white slave traffic.

For public officials who respect their oath of office and who regard their campaign promises as a binding agreement with the people who elect them.

If you believe this is a platform farmers should vote for and support I shall be glad to have you mark it or clip it from the paper and hand it to your neighbor.

*Arthur Capper*

has so satisfactorily solved the problem of manufacturing lasting, manageable farm gates that the company is winning a happy home with the farmers of the Middle West and Southwest. Their gate—the American Self-Lifting Galvanized Steel Gate—is not only self-lifting and easily managed by women and children but is of Gibraltar like strength and lasting qualities. It is made of two inch high carbon drawn steel tubing—coupled together with the same material instead of the ordinary, breakable cast couplings used in other gates. It is horse high, being five feet where most other gates are only four and one-half feet high and has the advantage of being adjustable, and is equipped with an automatic equalizer which allows it to swing clear over uneven ground or snow. The makers also point out that it has both ratchet and loop lock and is consequently hag tight and bull strong. For a long time the American Self-Lifting Steel Gate has been used and endorsed by the leading railroads, the U. S. government and farmers and ranchmen in all parts of the country. In fact the successful has it been in every way that the makers—the American Farm Gate Co., 1853 Elmwood Ave., Kansas City, Mo., are now installing it as a positive three year guarantee—agreeing to return the purchase money at the expiration of that period if after the severest possible tests the gate has not been satisfactory. The company issues an interesting book on gates which is sent free to anyone writing them for it. See ad on page —

### A Correspondence School in Traction Farming.

The Hart-Parr Company of Charles City, Iowa, well known traction engine manufacturers, are doing a splendid piece of work by offering a correspondence course in "Traction Farming and Traction Engineering." The writer of this has looked over the lessons carefully and does not hesitate to recommend them. They are exceedingly interesting, thorough, practical and complete. The definitions and the illustrations are especially fine. The lessons "begin at the beginning." They tell what an engine is, and they illustrate all its parts thoroughly. No one has any excuse for not knowing what an engine is after looking carefully over the first lessons. The different types of engines are described and illustrated thoroughly. The last lessons are taken up especially with traction engines. The lessons on handling traction engines are most valuable. The different uses to which a tractor may be put are described and illustrated most fully. If you are interested in engines, and especially in traction engines, and in traction farming, these lessons are splendidly worth while. It will pay to send for more complete information about them. It will cost nothing and will place you under no obligation to get the information. Address Hart-Parr Company, 234 Lawler St., Charles City, Iowa.

### A Remarkable Book.

The Hoosier Stove Company, of Marion, Ind., issues a catalog that sets a new record in the stove and range industry. It is seldom that a mere catalog rises to the dignity which commands attention from anybody but those who are possible purchasers of the articles advertised in it. But the Hoosier Stove Company, of Marion, Ind., has just published a catalog that is so chuck full of interesting matter, from cover to cover, that everybody who sees it finds something worthy of more than passing notice. This company is one of those groups of industrial concerns that have come so strongly into the limelight of national business during the past decade, giving Indiana a claim to recognition as a great industrial state and placing Hoosier manufacturers before the world in a light no less brilliant than Hoosier agricultural products and Hoosier literature. A significant fact in connection with the history of this remarkable business is that every Hoosier stove and range that has ever been shipped from their factories has been sold subject to thirty days, free trial with a money-back guarantee. Though their products have been consigned to every section of the country and to hundreds of points outside the boundaries of the United States, they have never had a dispute with any of their thousands of customers. Hoosier quality is the backbone of Hoosier advertising. The Hoosier Book will be sent free on request to any address in the world. Address Hoosier Stove Co., 174 State St., Marion, Ind.

### What to Do to Prevent the Horse Plague.

This is a problem confronting every horse owner just now. The fact that the cause of this costly disease has not been definitely ascertained, makes it all the more important that every precaution should be taken to prevent it. All of the experts who have been investigating this plague are agreed that if the farmers will see to it that their horses are put in the best of health, they will be better able to resist the disease. Recent reports from many localities have reached us to the effect that farmers who are feeding their horses Sal-Vet, (a preparation advertised in this paper for nearly two years) find that they do not contract the plague. The explanation is simply this. Sal-Vet, being a wonderful vermifuge, kills and expels all stomach and free intestinal worms, corrects the digestion, tones the blood, and puts the animal in excellent health. In other words, puts horses in condition to throw off the disease. The manufacturers are receiving scores of telegraphic orders from farmers and dealers, and since it is sold on a 60 day trial offer, every horse owner should try it. All you need to do is write The S. R. Fell Co., Cleveland, Ohio, telling how many horses, hogs, sheep and cattle you own, and they will send you enough Sal-Vet for their nearest warehouse to last all your stock 60 days on the understanding that if you are not satisfied with the result at the end of 60 days, no charge will be made. You have everything to gain—nothing to risk. While the manufacturers do not claim it is a cure for the horse plague, actual evidences indicate it acts as a splendid preventive, and we urge our readers to give it a trial, knowing as we do the success Sal-Vet has attained as a worm exterminator and conditioner. In ordering, please mention this paper.

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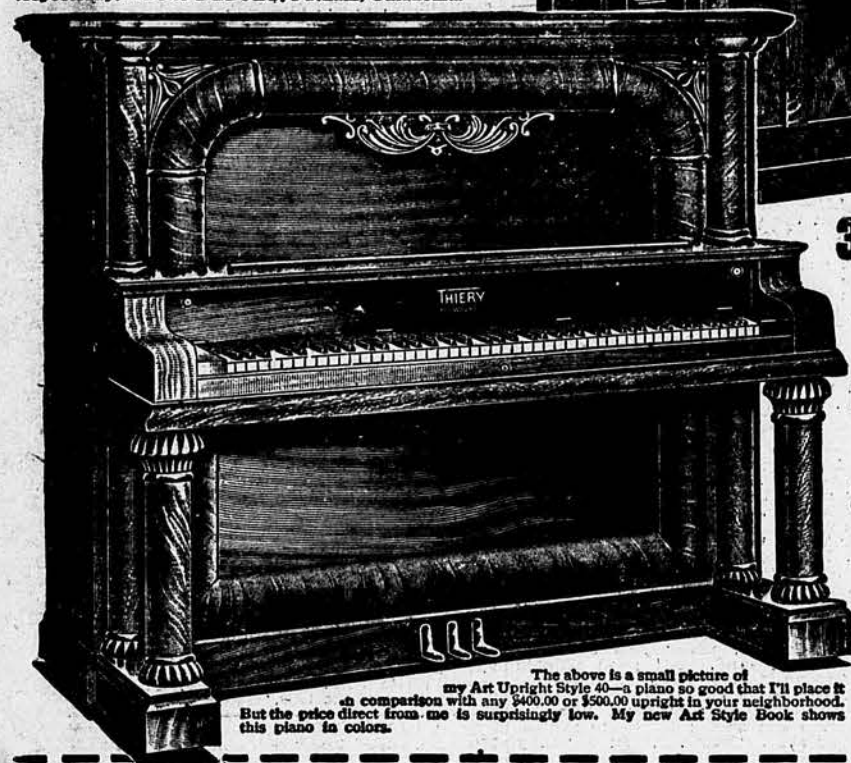
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