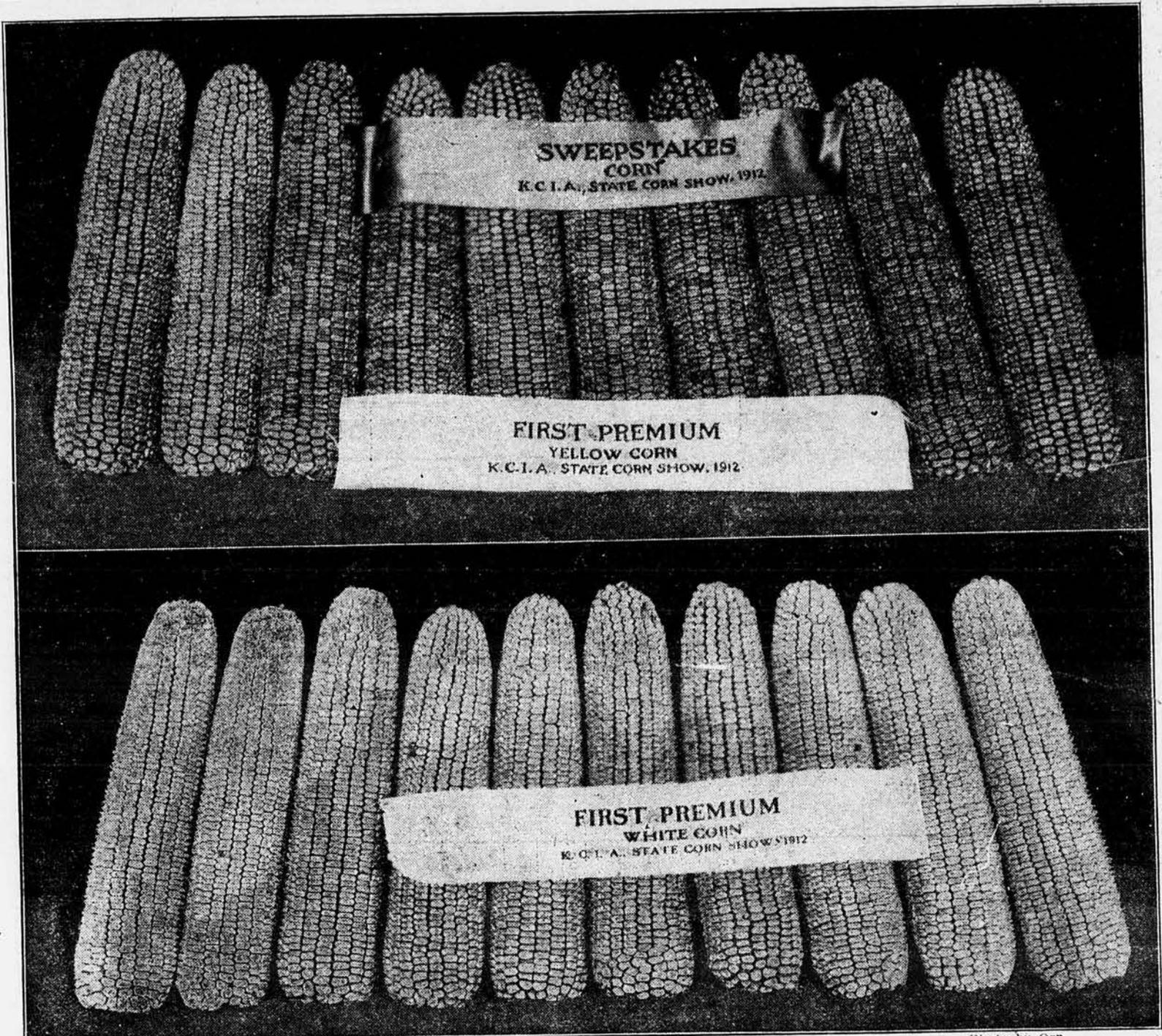


THE FARMERS MAIL AND BREEZE

Volume 42

January 11, 1913

Number 44



-Photo by Orr.

Kansas Corn of Quality as Exhibited at the Recent State Corn Show

WHAT Kansas farmers can do or are doing with various kinds of power machinery; and a farmer's wife's opinion of the modern gas engine as a helper in her share of the farm work, will be combined next week into a special Farm Power Number of the Mail and Breeze. If you haven't realized that a 2-horsepower gasoline engine can be kept constantly busy on the average Kansas farm, here is your chance to size up its usefulness.

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THE FARMERS MAIL

AND BREEZE

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THE WAY OUT OF THE TRUST RUT IS IN OUR HANDS

Editor's Note.—David Lubin is the man sent by the United States senate and the department of state to represent this country in the agricultural investigations which the leading nations of the world are conducting. His reports and recommendations have already made a profound impression, despite the fact that they had the bad fortune to appear during a campaign and under an unpopular presidential administration. Mr. Lubin's opinions here expressed are well worth the most careful consideration and discussion.

RECENTLY I received a letter from Congressman William Sulzer enclosing a copy of the resolution he introduced into the house of representatives (H. R. 21479, Sixty-second congress, second session) for a conference to promote an inquiry into the high cost of living, and asking my opinion.

Does it not seem that the high cost of living is mainly due to the trusts in agricultural products? I think so; and so believing I was impelled to reply to his inquiry along this line.

We have read in the papers, have heard at home, have heard abroad, have heard early and often, in season and out of season, every time, everywhere, that the trusts, "those arch monopolists," are "devouring the people," "eating up their substance," "fixing prices to suit themselves."

Now, this is true or it is not true. If it be not true we must look to other causes for the high cost of living; but, if it be true, it is evident that we have the cause before us, it is the trust; and the inquiry may then properly be changed into: "How may the effects of the trust be neutralized?"

WHAT IS A TRUST?

Before proceeding further, the question presents itself: What is a trust? What is its cause? What is its function? What is its effect?

The trust, as it seems to me, is an outgrowth of commerce evolved by Twentieth century progress. It has been found that distribution can be to greater advantage through the employment of combined capital and combined skill in management. It is a form of co-operation. It is found to be cheaper to collect, handle and distribute, say, 10,000 pounds of butter under one fund and under one management, than it would be to have this done by various agencies, dealing, say, with 50 pounds each. If this be true it must follow that trusts are an economic advantage, that they are beneficial. How, then, comes it that there is almost universal and pronounced disapproval of them?

It is because its mode of procedure enables the trust to follow most efficiently the lines of least resistance. This increases its returns to an extent which enables it at the start to confer benefits on both seller and buyer, benefits which it uses as a subsidy for its upbuilding. So, it may begin by increasing the returns to the producer by a per cent and reducing the cost to the consumer by a per cent. By this means the trust tends to eliminate competition, and presently finds itself in a position to become a monopoly. It then finds itself in a position to exert its power effectively towards gradually lowering the price it pays the producer and raising the price it charges the consumer,

BY DAVID LUBIN

Delegate From the United States Government to the International Institute of Agriculture, Rome, Italy

and, in accordance with the laws of commerce, it employs this power to conserve and promote its interests. In the course of time the trust begins to give rise to antagonisms, antagonism on the part of the producer due to the lower prices he is compelled to accept, and antagonism on the part of the consumer due to the higher prices he is compelled to pay.

These antagonisms lead to conflict, and from time to time efforts are made by the producers, or the consumers, or by both, to overcome the evils resulting from this system.

The trusts, fearing to lose ground, then strengthen their position by "merging," by combining with other trusts; and this gives them the strength which enables them to resist all attacks, whether they be in the press, in the courts of law, or in the halls of legislation. Thus the system of the trust tends to perpetuate itself and to grow, consuming unjustly not only the legitimate earnings of the people, but taking from them liberty in its most practical form. For while the flag of a nation is a symbol of liberty in its ideal form, the dollar in the man's pocket is an evidence of liberty in its practical form. The dollar entitles its owner to a certain measure of merchandise or of leisure. Whoever unjustly deprives the owner of part of this dollar deprives him of part of his rights, of part of his liberty.

WILL FARMERS PULL TOGETHER?

But is there not a remedy? Are not the farmers the many and the trusts the few? If the trust may exert power through the means of accumulated dollars, may not the farmers exert the power which their great numbers give them? Have not the farmers influence in shaping, moulding, enacting and repealing legislation? Can they not, through co-operative action, perform the functions of the trust and thus set it effectively aside?

The American farmers certainly could do this were they to go about it the right way, were they to pull together. And this reminds me: In the early days of teaming in Arizona I once accompanied a "prairie schooner," run by 18 mules, on its morning journey across the desert. At certain intervals the driver halted for a short rest. The mules traveled along at an even gait, and all was well so long as they were proceeding on, but the trouble arose in restarting. When the word of command was given the leaders would start forward and the wheelers pull back; at the next attempt, the wheelers would rush forward and the leaders remain stationary, whilst the other mules, in sympathy with one or other of the groups, neutralized the efforts of the teamster, until, by some lucky chance, the disorganized efforts terminated in a harmonious "pull together," when the "prairie schooner" would again start on its way. "These fool mules will soon be done for," said the driver, waving his hand towards the animals, "unless we can get them to pull together."

And so with the farmers. Agitations for the suppression of the trusts or for the curtailment of their

power crop up at intervals; but the means employed towards that end fail because inadequate, and they are inadequate even when the means proposed promise to be effective because the farmers fail to act in unison, hence, in reality, their power of numbers is of no avail.

ONE CENT VERSUS \$2,000.

Let us take the case of a trust buying its goods from, say, 50,000 farmers and selling the same to 50,000 consumers. Now suppose that this trust, having driven away competition by a period of overpaying and underselling, afterwards finds itself, when purchasing, in a position to levy a toll equal to 1 cent a day from each of the 50,000 farmers, this would be \$500 a day. Then, when selling, it also levies a toll of 1 cent a day from each of the 50,000 consumers; this would be another \$500 a day. The \$500 a day from the farmers and \$500 a day from the consumers would be \$1,000 a day gain to the trust.

Now, in addition to this, we have already said that the trust is enabled to earn a per cent (let us say 1 per cent) on its business by reason of its economies, apart from the tolls it levies on producers and consumers. This extra 1 per cent would again be, say, \$500 on buying and \$500 on selling, or an additional \$1,000 a day. Thus we have a total for the trust of \$2,000 a day extra profit due to its special mode of operation.

The case would then stand as follows:
One cent loss a day to the individual farmer,
One cent loss a day to the individual consumer;
and

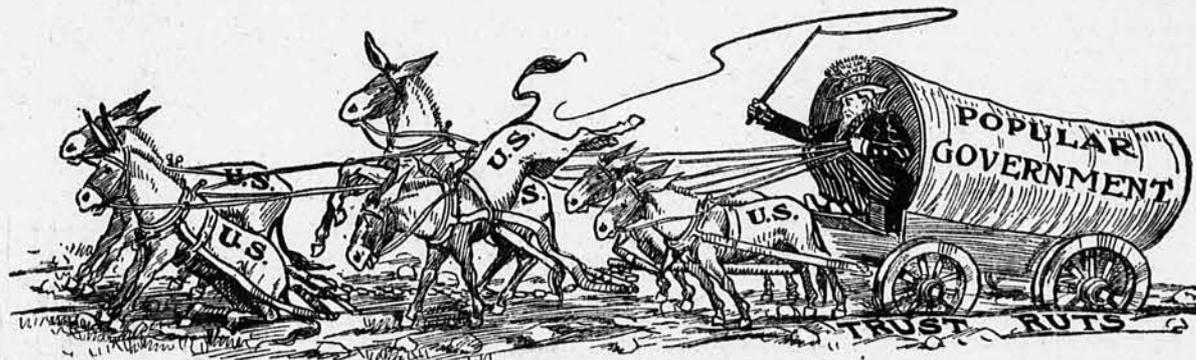
Two thousand dollars gain a day to the trust
The motive actuating the farmer or the consumer in an endeavor to do away with the trust would be the loss of the 1 cent a day; whereas the trust, in its efforts to maintain its hold, is actuated by its desire to continue its extra daily income of the \$2,000. Need we be surprised that the seeming smallness of the loss to the individual farmer and consumer so dulls their incentive to action as to preclude united efforts for the remedy? But, on the other hand, the incentive which actuates the trust to fight for the maintenance and progress of its system is so pronounced, and the means subject to its control so ample, as to confer on it that degree of strength which enables it to persist and to render itself substantially invincible. Thus the position of the trust seemingly rests on a solid foundation.

At the same time it is clearly evident that if the trust continues to pursue progressively the course indicated, it must end in the enslavement of the people. One trust firmly planted and growing gives rise to the upspringing of other trusts, and almost imperceptibly the trust begins to apply the cinch; tight, tighter, tightest. The 1 cent loss swells to 5 cents, then to 10 cents, then to 25 cents, then to 50 cents, then to revolution, then to hell. It may take time; it may take much time; but the trust must inevitably bring about economic slavery for all the people, and economic slavery must, in the long run, give rise to political slavery.

THE LESSON OF OLD ROME.

If this conclusion is justified it brings us face to face with a most singular situation, a situation which no patriotic American can afford to ignore, for it means more than a mere temporary question of higher cost of living; more than a mere passing incident in economic history. It means that there is a cause at work which, if not neutralized, if allowed to persist and to accentuate itself, must ultimately obliterate popular government.

(Continued on Page 22.)



"These fool mules will soon be done for," said the driver, "unless we can get them to pull together."

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**PASSING
COMMENT**
by
T. A. McNeal.

THE ARBITRARY POWER OF THE COURT.

A few mornings ago the people of a number of towns and cities in Kansas and in the city at the mouth of the Kaw, in Missouri, were surprised to learn that during the previous night a federal judge had made an order that would double the price of gas on them. Naturally they grew hot under their several neckbands and the things they are saying now about federal courts in general and Judge Pollock in particular would hardly be permitted to be printed and passed through the mails.

To my mind the objection to this sudden and remarkable order of the court is not so much that the price of gas under the order of the judge is exorbitant. Gas users generally believe that 50 cents a thousand for natural gas is an exorbitant price, but after all very few of them have sufficient knowledge about the cost of producing and distributing gas to form an intelligent judgment. It might be admitted even that gas cannot be furnished for less than 50 cents per thousand feet and the objection to the order of the court would still be a valid objection. It was the manner in which it was issued, the time, the apparent haste and refusal of an opportunity on the part of the people vitally interested to be heard that makes the order outrageous.

In all the cities and towns affected by the order gas companies had been granted franchises by the city authorities. These franchises, which were supposed to be legal contracts binding on both parties, fixed certain maximum charges for gas. The gas company was permitted to furnish gas as cheaply as it chose, but it was forbidden to charge more than a certain amount. Suddenly a United States judge at some hour in the night orders the receivers to elevate the price of gas without any regard to the contract that had been entered into between the gas company and the municipality.

If a United States judge can arbitrarily without a hearing, in the dead hours of the night, set aside legal contracts made by 25 or 30 different municipalities, what becomes of municipal authority? The United States courts have always rigidly held municipalities to their contracts even when there was no equity on the side of parties demanding that the municipality make good.

In practically every fraudulent bond case carried up to the highest court in the United States, the municipalities have been beaten. The taxpayers have been loaded with the burden of paying bonds for which they never received a cent's benefit because the courts held that the sacredness of contracts must be upheld. The court said in effect that no matter how much fraud was practiced in securing the bonds, if they were regular on their face and issued by the properly constituted authorities they must be paid.

The people have acquiesced in the rulings of the courts without a vast amount of complaint and said, "Yes, we will live up to the letter of the contract,

even if it was an infamous steal. But here is a case where the shoe seems to be on the other foot. A corporation which originally came to the municipality asking for a contract, and which voluntarily consented to accept the terms of that contract now claims that it is a losing business to live up to it and the court takes the corporation under its sheltering wing and proceeds to set aside the contract without even a hearing.

That is what makes the people hot. It is the arbitrary action of United States judges that increases the prejudice that has existed for a good while against United States courts. There are quite a number of people now who are favorable to the recall of judges and of judicial decisions who thought they were against it a couple of weeks ago. And this, as I have said, regardless of whether the proposed price for gas is reasonable or not.

Since the above was written Judge Pollock has modified his order to the extent that the present rates for gas are to continue until a general hearing can be held in February.

Why should the court not have ordered the hearing before making the order? If after a careful investigation it should be found that gas cannot be furnished at the prices heretofore charged, reasonable people would not object to raising the price to a point where it could be furnished, but they want to know the facts before the raise is made, not afterward.

There is a very common belief here in Topeka that an immense amount of gas is wasted on account of rotten service pipes. It has been demonstrated that a great deal of gas leaks out of these old pipes which have been in the ground for nearly a quarter of a century. Certainly it was part of the duty of the gas company to put its service pipes in such condition that the gas could be delivered with as little waste as possible.

Judge Pollock and the receivers complain that the judge has been unjustly criticised; that people do not know the facts. They do not seem to understand that the people have a right to know the facts before the order is made. My observation has been that when the people are fully advised about the facts in any case they are pretty reasonable. If the courts would take the people into their confidence more they would incur less criticism.

HODGES AND HE'M. A good deal of interest has been taken in the incident of the hunting trip of Governor Hodges in company with Mr. Ferd Heim, of Kansas City.

It has been generally understood that Mr. Heim was a leading brewer of Kansas City and it has been well known for years that the big brewers were the most persistent enemies of the prohibitory liquor law. They financed the jointists in Kansas, furnished them with the necessary fixtures and stock for doing business and hired lawyers to defend them when they got into trouble with the law.

With this understanding it seemed remarkable that as soon as he received his certificate of election Mr. Hodges should go on a hunting trip with Mr. Heim. People understand that there are a number of things a man might do with propriety as a private citizen which would be entirely improper for him to do as governor of the state of Kansas. As governor it becomes his sworn duty to see that the laws of the state are enforced in case local officers are either unable or unwilling to enforce them. It is, therefore, perfectly evident that he should avoid the appearance of evil.

It might be entirely proper, for example, for him as a private citizen to accept the hospitality of a high-up railroad official and be his guest in his private car on a hunting trip or jaunt across the country, but it would be eminently improper for him to accept the same kind of hospitality as governor of the state of Kansas. It was for this reason that the hunting trip of Governor Hodges in company with Mr. Heim was criticised. However, Governor Hodges is entitled to a fair hearing and a chance for an explanation.

Captain Frank Stahl, president of the State Temperance union, has visited Mr. Hodges and gives his side of the case. He says that Mr. Heim is not now and has not been for years interested in the brewery business. Mr. Stahl thinks that the fact that Mr. Heim was at one time interested in the brewery business should not be held against him. This is true, provided, of course, that Mr. Heim is no longer in sympathy with efforts to overthrow the law in Kansas.

It is not denied, as I understand, that the other Heim is interested in the brewery business and that one of the Heims—presumably the brother, if Captain Stahl is correct—two years ago boasted of the fight that was being made on Governor Stubbs and also boasted that the fight was to be kept up until the obnoxious law was wiped off the statute books of this state. No man should be held accountable for the opinions or shortcomings of his brother if he is not in sympathy with his brother's views or actions. Mr. Ferd Heim may not be in sympathy with the views of his brother, notwithstanding the fact that like his brother he seems to have been in the past engaged in the brewery business. On this point Captain Stahl's letter is silent. It seems to me that it is rather important.

During the campaign I found that in some places where the sentiment against the prohibitory law was strong, Mr. Hodges told his audiences that he was

favorable to home rule, which looks rather suspicious. Why should he have emphasized the statement that he was in favor of home rule? And why should the statement be made in those particular localities where the sentiment against this particular law was especially strong? It is certainly most desirable that laws should be enforced by the local authorities wherever they are willing and able to enforce them. Practically everybody is, or ought to be, in favor of home rule where home rule rules right. So far as I know there has never been a single case in which Governor Stubbs or the attorney general interfered when the local authorities were making a reasonable and successful effort to enforce the law. When, however, the local authorities either refuse or are unable to enforce the laws of the state it is the plain duty of the governor and attorney general to do all in their power to see that the law is enforced.

Whatever Mr. Hodges intended by his campaign declaration in favor of home rule I know that his declaration gave encouragement to the people who would like to see the joint come back to Kansas. However, it is not fair to pre-judge any official's action. It is fair to assume that Governor Hodges intends to do his duty. A candidate is liable to make statements that are misjudged.

I do not know whether any contest proceedings will be instituted to test Mr. Hodges's title to the governorship or not. I do not know how the contest would terminate if instituted, but until a contest court determines otherwise, he is the governor and I want to see him make a good, efficient governor. I have heard him make some very strong statements in favor of the prohibitory law. I am willing to assume that he meant what he said and that he will carry them out in good faith now that he is chief executive of the state.

EXTRAVAGANT RECEIVERSHIPS. The first report of expenses of the Orient receivership is in. That is, part of it is in. There are other chapters yet to follow.

Three receivers are being allowed by the court, Judge Pollock, \$1,000 per month each. Only 24 lawyers are mentioned in this partial report. They are handed out from \$400 per month up, for each. There are some high priced lawyers yet to hear from. They will get more.

It seems to be a receivership, all right. These fortunate gentlemen appointed by the judge are receiving all the poor burdened road can earn and then some. But they are economizing. Sure. They are cutting off the section men who care for the line. A considerable number of these overpaid workmen who receive from \$1.25 to \$1.75 per day have been discharged in order that expenses of handling the property may be reduced.

It is not of course of much importance, relatively, that the road be kept in condition, that it is safe to life and limb to ride over it, but it is of the utmost importance that the receivers and lawyers be given fees that will enable them to eke out a beggarly existence.

Even yet they have as much as one section man to three or four miles of track. Reckless, useless extravagance. Cut off that section man and save \$1.25 per day.

Not one of these receivers or lawyers does work that is as nerve racking or as important as the work of the engineer who manages the lever and directs the running of a passenger engine that hauls a train. The best of these engineers get, perhaps, \$175 per month, or maybe where they have extra long and hazardous runs they may get as high as \$200.

They are called high priced laborers, and so they are, as compared with ordinary workmen, but if one of them should demand, or if the Brotherhood of Engineers, to which they belong, should demand \$400 or \$1,000 per month for their services, the judge who appoints these receivers and lawyers and calmly approves their vouchers, would consider the demands outrageous, absurd, and not to be tolerated for a moment.

Not one of these receivers or lawyers is entitled to more than \$100 per month for his services. Not one of them gives a quarter of the time or takes a ten-thousandth part of the risk of the engineer or his fireman and not one of them is entitled to as much pay as either the engineer or fireman.

The bills allowed by judges to fat-bellied favorites whom they put into these places as receivers and lawyers, are simply outrageous. It is legal loot. Is it to be wondered at that when people who have to work hard to keep themselves in moderate comfort, to say nothing about luxuries, read of these things they become somewhat heated and talk in a radical way about United States courts? The wonder rather is that they are as moderate and good-tempered as they are.

The whole Orient matter is calculated to make the man who loves fairness hot under his neckband. The progress of the enterprise has been persistently and methodically blocked and thwarted by a financial oligarchy determined that no enterprise shall succeed unless it submits to the dictation of that oligarchy and pays its demanded toll. This interference made the cost of building so much of the road as was built vastly more than it need to have been and finally made it impossible to complete the job.

For years before the road was thrown into the hands of receivers under charge of the court the threat was made by the members of this financial

oligarchy that the road could not be built under the management of those in charge. The threat was made good. They made it impossible to obtain the necessary means and the receivership followed.

The people who put their money into the enterprise because it seemed like a feasible scheme will lose all or most all they invested, not because it was not a feasible enterprise, but because the selfish few who make up this financial oligarchy had issued their decree that it must not succeed. Having gotten their grab hooks on it they will build the road and it will be one of the great roads of the country, but the hundreds of men who put in from a few hundred up to a few thousand dollars each to start the building of the road will lose it.

It should not be understood that in allowing these extravagant fees Judge Pollock has done something unusual. Just now the judge is in for a little more than his share of criticism, perhaps. He is entitled to fair treatment. These fees are not unusual. In other cases larger fees have been allowed by courts for no greater services, possibly for less important services.

Judge Pollock can claim that he has plenty of precedent for making these allowances, and so he has, but the whole system is infamous. Receiverships have afforded the fat pickings for court favorites for many years. When a concern is thrown into the hands of receivers the services of a number of favored gentlemen suddenly become tremendously valuable. Men who have been satisfied and glad to take positions that paid perhaps \$1,500 or \$1,800 per year are discovered to be worth as receivers \$10,000 or \$12,000 per annum.

During the early 90s most of the great roads of the country went through receiverships and in every case a number of comfortable fortunes were distributed, often to men who had not been able to make more than a very moderate livelihood before they struck the soft snaps.

GOVERNMENT LOANS TO FARMERS.

I notice that a bill either has been or will be introduced in congress providing for government loans to farmers. The plan is to have the government issue bonds at not to exceed 4 per cent interest, the money derived from the sale of the bonds to be lent to the farmers.

And what is the security the government is to take for the money loaned? Presumably either mortgages or bonds issued by associations formed by the farmers.

If the security of these associations is good, why in the name of common sense is it not good security for the money issued direct? Why should the banking trust, the money trust, if you please, be permitted to get its rake-off before the money is turned over to the farmers? Let the same kind of security that is to make good to the government the money borrowed by it and then loaned, stand for the money issued directly by the government.

Let these associations, or better yet, the municipalities, issue their bonds direct, deposit these bonds in the United States treasury, and let the government issue the money based on these bonds just as it now issues money to the national banks based on bonds deposited by the banks in the treasury. If the government issues its bonds and sells those bonds to the banking trust as it will, it simply puts the credit of the country more firmly in the hands of the few who insist on having control.

Furthermore, why confine the benefits of cheap loans to farmers? Why should not people in the towns who want cheap money with which to buy homes have the benefit of cheap money as well as the farmers?

To me this proposition is so plain that it hardly needs argument. If the securities the government will take to protect its loans to the farmers are good, they are good enough on which to base a direct issue of currency. If they are not good, then the government should not take them at all. The currency issued under the plan I have suggested is no more a fiat currency than the bond the government will issue on which to borrow the money to loan to the farmers is a fiat bond.

Every national bank note is a fiat note, based on the faith that the government will see that it is made good. The government should be deriving a revenue from this right to emit bills of credit instead of taxing the people to pay interest on its bonds held by the banking trust. Let the law be so changed that municipalities can issue their bonds in reasonable amounts, deposit them in the United States treasury and then let the government issue to the municipalities currency based on those bonds. Then let the municipalities, the states, cities and counties loan this money to farmers and to home builders in the cities or use it in making necessary public improvements.

This is your government, my friends. If you agree with me, write to your congressman and your senators urging them to push this along. The force of public sentiment when organized and crystallized is mighty. Legislators, congressmen, courts, listen to it and yield to it when they are made to understand what it is.

Why do they listen to the representatives of special interests so often and do their bidding rather than that of the people? I will tell you why. The special interests are right on the job all the time, while the people are not. The representatives of

special interests make legislators believe that they, the special interests, can make and unmake public men. It is no particular wonder they get what they want so often. The masses of the people seem to be indifferent. The congressmen and senators do not hear from them.

It is not much trouble for you to write a letter to your congressman and another to each of your senators. Maybe it is hard work for you to write. Maybe you have trouble about the spelling of words. I have been troubled that way myself. Maybe you have difficulty in framing sentences so as to clearly express what you mean. Well, then, get a neighbor who is a little better hand at writing to frame up a letter for you.

Do not try to write a long, tedious letter. Say what you mean and then quit, but pour it into your representative and your senator. If your representative gets 400 or 500 letters bearing on this subject you can take it that he will begin to take notice. But if he never hears from you, how is he to know what you want?

I believe that it is entirely possible for the people to control their own credit. I believe that they can, through their government, have all the currency that is necessary to improve their farms; to build homes; to make public improvements at a rate of interest not to exceed 3 per cent per annum, and 2 per cent of that will go toward paying the necessary expenses of running the government.

If you believe this as I do, wake up and get busy.

THE FARM ADVISER.

If the letters I am receiving from various parts of the state from farmers indicate the sentiment of the tillers of the soil, I am inclined to think that the farm adviser plan will not get very far in the immediate future. I have not room to give space to all these letters, for there are a good many of them, but the tenor of them all is the same.

The writers believe that it would mean the saddling of another salaried official onto the people of each county and that the places would be filled with graduates from the Agricultural college. If this would be the result of putting the plan into operation, then I frankly admit that the objection to it would be well founded. Not that I do not believe the Agricultural college is doing good work, for I believe that it is, but I certainly would be opposed to a plan that would place a lot of inexperienced theorists in places of so much responsibility.

I certainly believe in agricultural education. I believe that with a proper understanding of soils and cultivation and of stock breeding, the output of the farms of Kansas could be more than doubled and a vast amount of soil waste prevented, but experience must be added to the education obtained in the school before a man is capable of becoming the best sort of an adviser. In my judgment it takes more brains and more careful study to be a first class farmer than to be a successful merchant or professional man.

It may be putting it too strong to say that every farm is a problem by itself, but it is certain that there are in the state of Kansas hundreds of different soil problems. An experiment made, for example, at the Agricultural farm at Manhattan might not prove anything to the farmer a hundred miles from there. A method of farming that would be a success in one part of the state might prove to be a rank failure in another part.

A young fellow graduating from the college would almost necessarily get his ideas of how a farm should be tilled from the results of experiments he witnessed at the college. The information he gained at the college is valuable, but if he were sent, we will say, out to the southwest part of the state as a farm adviser he might discover that he would have to remodel all his theories.

The best farm adviser I know of is the practical farmer who is making a success in a neighborhood and who has brains and progressive ideas. If he demonstrates on his own farm that a certain kind of tillage helps his land and produces bigger crops than the methods of farming of his neighbors, it is a cinch that they will begin to sit up and take notice. If he can demonstrate that on a given number of acres he can produce more crop and make more money than his neighbors are making off the same number of acres, they will begin to want to know how he did it.

It should be the object, and I assume it is the object of the Agricultural college, to plant as many wideawake, educated farmers as possible in every county in the state—farmers who are not working for salaries, but who are actually making their living out of the soil.

In every county in the state there should be from one to a dozen little experiment stations; that is, plots of ground where experiments may be made, theories tried out. Perhaps all this can be done without having any regular county farm adviser.

DEFENDS THE SINGLE TAX.

Editor Mall and Breeze—"How about it, Mr. Hayseed, should I donate?" asks James D. Shepherd of Clay Center at the close of his letter written in opposition to the single tax and addressed to the Farmers Mail and Breeze, in which editorial columns it was printed some time ago.

Now, the writer has read this letter of Mr. Shepherd's over very carefully and can come to no other conclusion than that the last named gentleman is unfortunately laboring under a most distorted idea of what the single tax really is.

There is not a single feature brought out in his letter to which any single taxpayer would not take exception. As the subject concerns all, and inasmuch as there may be others having the same ideas about this reform as Mr. Shepherd, I would, therefore, like briefly to submit a few corrections.

In the first place Mr. Shepherd speaks of the single tax as a "land tax." This is a bad blunder. What Henry George proposed was not a tax on "land" or "area," but distinctly a tax on the "value" of land, between which is a difference as great as the difference between black and white.

Then Mr. Shepherd says the single tax "is a scheme to make those who till the soil bear all the burdens of taxation." Evidently, of course, he has in mind area, but as I have pointed out, it is a tax on "land value." The agricultural districts in the United States comprise an area some 400 times as large as that occupied by towns and cities, yet the value of the former, from a single tax standpoint, doesn't really amount to very much. Its worth is less than one-fourth of all the things included in the category of "land values."

The late Tom Johnson of Cleveland estimated some time ago that the railroad rights-of-way and terminals, pipe lines, natural water powers, franchises of public service corporations, oil, coal and mineral lands, stockyards and the land lying within the corporate limits of urban districts, together with that lying immediately outside (awaiting city expansion), comprised about 80 per cent of all the "land values" in the United States. And Tom Johnson was unquestionably right. Just note urban land alone, for instance, independent of all improvements: Here in Manhattan it is worth up to \$50,000 an acre; in Kansas City it is worth up to 4 million dollars an acre; in St. Louis it is worth almost 7 million dollars an acre; in Chicago over 10 million dollars an acre; and in New York City more than 40 million dollars an acre. So from this we can easily see that a single acre in New York City is worth as much as the entire area of Clay county, in which Mr. Shepherd lives, valued on a basis of \$100 an acre.

Again, Mr. Shepherd goes on to say that the single tax is a scheme to "lift from the city dwellers all their personal taxes and saddle them on to the farmer's land." Now to make it complete, Mr. Shepherd might also have stated that the single tax proposes, at the same time, to take the tax from the farmer's horses, hogs and cattle, his fences, orchards, barns and houses, and all the other personal property he owns and "saddle (?) them on the farmer's land," too. However, I suppose this is understood.

But let me ask Mr. Shepherd and all others who believe as he does, this question: Who pays the taxes on our office skyscrapers, business buildings, plants, mills, factories, railroad equipment, etc., found in the cities? Does the owner pay them? Or does our Clay Center friend, and do you, and I, as consumers, pay them? Evidently Mr. Shepherd is under the impression that he doesn't. But what reader of the Mall and Breeze, or any other paper, can point out a man doing business between the Pacific and Atlantic coasts who is not getting back the cost of his hired labor, the original cost of the product he sells, the interest paid on the money he borrows, the cost of his insurance, the cost of his rent, and the amount of his taxes? If there is one I wager he'll not be in business long, for when a man's expenses exceed his income he'll be a bankrupt in a mighty short while.

The truth is that there is not a man, woman or child on any farm in the United States who does not pay as much tax in proportion to what he consumes, on the rolling stock of the United Pacific, the office buildings and factories of Montgomery Ward in Chicago, the mills of the United States steel corporation in Pennsylvania, or the 55-story

(Continued on Page 27.)

Spasmodic Road Work

I am sometimes inclined to ask, might it not be the part of wisdom in 1913 to plan for fewer miles of road improvement and get better roads? Would it not be better to build well a mile of road and keep it up by dragging, rather than scatter a lot of half-hearted work, not any of which is really satisfactory to anyone? It is as great a mistake to undertake to do too much as it is to do nothing. The money will then be well spent, the roads will be better built, the temptation for graft will be lessened and your dollar will find its true value.

To bring this about I believe we need a practical, sensible road law that can be enforced, one that will compel a strict oversight of the home road by some responsible person in each community and which will tend to make of this road, as time goes on, a first-class highway. This compulsory feature should be strong. It seems to me it is the key to the present situation.

A man living in town is not expected to work on the streets without pay, and I am not one of those persons who expects a busy, hard-working farmer to work the public road during the crop season, even in front of his own place, without compensation.

Even communities where road drags are to be found upon every farm often are forced to neglect their roads upon certain seasons when they are behind with their work. As every man knows who has ever dragged a road, there are certain times when it must be dragged, when a delay of a few days means the undoing of months of dragging. Men with crops upon their hands cannot always stop to do this. Therefore we should have laws making it possible for each township, if it desires to do so, to hire men whose business it shall be to drag the roads the year round. In every community men are found too old or too infirm for active farm labor who could and would gladly devote their time to dragging the roads the year round, if paid, just as do the road menders of France. And instead of putting everyone in the township at work each fall when the roads least need attention in an ineffectual attempt to repair in one month the damage done in the other 11, a continuous dragging force paid so much per mile from public funds would keep the roads from ever reaching the lamentable condition far too common in bad weather.

Arthur Capner

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NEXT WEEK

THIS is the gasoline a. In various ways power machinery of all kinds and sizes is being more and more generally applied on western farms each year. The Mail and Breeze is desirous its readers be kept fully informed of the usefulness of these helps and how generally and in what way farmers are making use of them in this part of the country. That is why next week's Mail and Breeze will be a Farm Power number of a kind which it is believed will interest every reader. A bulletin of some of the principal topics to be discussed follows:

The Gas Engine as a Labor Saver, by E. B. Chalk, farm power editor of the Mail and Breeze. Not a "boosting" article, but describing how various Kansas farmers are using the large and small gas engine to best advantage. In one instance a 2-horsepower \$40 engine has been found adequate not only to operate a churn, separator, washing machine, emery wheel and feed grinder, but also pumps water to the house, hog lot and garden. A hose attachment also affords protection in case of fire.

If You Have the Auto Fever, by H. C. Hatch, the Mail and Breeze's "Jay-hawker Farm Doins" man, an auto user. This is a frank, truthful, statement based on personal experience of what it costs to own and operate a motor car in the country. Mr. Hatch has had a car for more than three years and gives invaluable advice in his article to the prospective owner of an auto. As it is hoped that every member of the Mail and Breeze family may one day be an autoist this Hatch article should prove interesting to most of us.

The Tractor in Field Work, by William Grumbeln of Great Bend, Barton county. Fifteen years have been spent by some 70 makers of tractors in bringing the field tractor up to its present state of perfection and producing tractors and equipment for the smaller as well as the large farm. The article is a practical man's statement of what these machines actually accomplish and at what expense. It is

based on experience obtained in Kansas.

Deep Plowing, Its Benefits and Dangers, by J. G. Lill of the farm crops department, Kansas Agricultural college. Results are apt to differ greatly in different parts of the state and the man who goes deeper than 6 or 8 inches should know what he is doing. There are some good suggestions for the man who wishes to maintain or restore the fertility of his soil.

The Tractor as a Road Maker, by C. V. Hull, an authority on the subject. Illustrated with examples of such road work in Kansas. Grading and drainage are the foundation of all road work that really counts. It is here that the tractor renders invaluable aid and does more actual labor than a small army of men and teams. The experience of several Kansas counties that are using this kind of road-making equipment will be cited.

Electric Lighting Plants For Farms, by P. G. Downton of the Electric Storage Battery company. Since the Tungsten lamp, which operates at low voltage, has been introduced, a farmer who possesses a gas engine of 2 or more horsepower may light his farm buildings with electricity at less expense than by any other system of lighting. Complete "outfits" made especially for this purpose are now on the market. Mr. Downton indicates the size, cost and equipment of such a plant for your special needs, what the troubles of operation are and how they are avoided.

These are merely certain special articles which will be featured in next week's Mail and Breeze, the department pages will appear as usual. Any Mail and Breeze reader who would like to have any special subject treated in the Mail and Breeze, either now or later, is invited to make his wishes known.

Shall Oleo Sell For Butter?

N. P. Hull, secretary of the National Dairy Union writes Farmers Mail and Breeze that the Haugen bill will probably come before the lower house of congress during January.

The Haugen bill opposes the sale of oleomargarine disguised as butter.

When the Haugen bill is reported an attempt will be made by the friends of oleomargarine to substitute their bill, the Lever bill, for the Haugen bill. If they can muster strength enough to do this, they will probably have strength enough to pass it.

The Lever oleo bill is a direct attempt to substitute a cheap by-product of the packing house for genuine butter. If the packers and cotton oil interests succeed in this attempt they will have dealt a paralyzing blow to the legitimate dairy

interests of this country. The issue is between 30 or 40 manufacturers of imitation butter on one side and 10 million producers of genuine butter on the other.

After the hearing before the house committee on agriculture before the holiday adjournment a vote upon the two bills showed that the committee was evenly divided. The Southern congressmen all voted for the Lever bill and were reinforced by McDermott, from the Stockyards district of Chicago, and Congressman Taggart, (Dem.) of Kansas, who represents a stockyards district.

If you are against oleo legislation don't wait but write your congressman today. Just a line or two is enough. Simply ask him to support the Haugen bill in the interest of common honesty and fairness.

Farm Products by Parcel Post

For many farm products the parcel post regulations are such that the shipper may make his own containers. Here-with are sections of the parcel post regulations that refer to eggs, butter and other farm products:

Parcels must be prepared for mailing in such manner that the contents can be easily examined. When any parcel offered for mailing is sealed or otherwise closed against inspection, or contains or bears writing not permissible, it is subject to postage at the first class rate and shall be treated as first class matter.

Eggs—Eggs will be accepted for local delivery (See Sec. 2, Par. 2a) when so packed in a basket or other container as to prevent damage to other mail matter.

Sec. 3, Par. 2a—On all matter mailed at the postoffice, from which a rural route starts, for delivery on such route, or mailed at any point on such route for delivery at any other point thereon, or at the office from which the route starts, or on any rural route starting therefrom, and on all matter mailed at a city carrier office, or at any point within its delivery limits, for delivery by carriers from that office, or at any office for local delivery, 5 cents for the first pound or fraction of a pound and 1 cent for each additional pound or fraction of a pound.

Eggs for Mailing.

Eggs—Eggs will be accepted for mailing regardless of distance when each egg is wrapped separately and surrounded with excelsior, cotton or other suitable material, and packed in a container made of double corrugated pasteboard, metal, wood or other suitable material in such a manner as to place each egg on its end and to prevent them from striking together or against the side or top of the container, with an outer cover of double corrugated pasteboard, metal, wood or

other suitable material, and wrapped so that nothing can escape from the package. All such parcels must be labeled EGGS.

Butter, Lard, Meats, Fruits—Butter, lard and perishable articles such as fish, fresh meats, dressed fowls, vegetables, fruits, berries and articles of a similar nature which decay quickly, when so packed or wrapped as to prevent damage to other mail matter, will be accepted for local delivery (See Sec. 3, Par. 2a) either at the office of mailing or on any rural route starting therefrom. When inclosed in an inner cover and a strong outer cover of wood, metal, heavy corrugated pasteboard or other suitable material, and wrapped so that nothing can escape from the package, they will be accepted for mailing at all offices within the first zone.

Butter and Lard by Post.

Butter, lard, or any admissible greasy or oily substance, when intended for delivery at offices beyond the first zone, must be packed in accordance with section 22.

"Sec. 22. Admissible liquids and oils, pastes, salves or other articles easily liquefiable, will be accepted for mailing regardless of distance when they conform to the following conditions:

"When in glass bottles, the quantity must not exceed 12 ounces, liquid measure. The bottle must be very strong and must be inclosed in a block or tube of metal, wood, paper-mache, or similar material; and there must be provided between the bottle and the block or tube a cushion of cotton, felt or other absorbent. The block or tube, if of wood, must be at least three-sixteenths of an inch thick at its thinnest part; if of paper-mache or similar material, it must be at least one-eighth of an inch thick for bottles holding two ounces or less, and at least five-thirty-seconds of an inch

(Continued on Next Page.)

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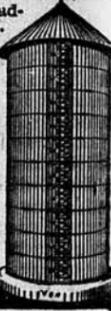
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JAYHAWKER FARM DOIN'S

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.

When we say that flies were buzzing 'round the door on Christmas day you may know what kind of weather we were having. This is for the benefit of readers who live outside the state; Kansas folk all know that this has been one of the finest falls the state ever had.

Lately we have heard the theory advanced that a dry, pleasant December means a poor crop season following. We take no stock whatever in such a "sign." Some of the old signs have a basis of truth behind them but this one manifestly has not, aside from the fact that many like to go into the winter with the ground well soaked with moisture.

Grain prices hold firm. It is evident that the lowest figure of the year has been reached on prices for all kinds of feed. From now on until spring the tendency will be toward higher figures and we may expect corn to sell, locally, for 50 cents per bushel early in the new year.

Have you noticed lately to what figure the price of flax has descended on the Kansas City market? It is now down to \$1.05 per bushel, the lowest it has been for years. This means we would have had to take less than \$1 here for flax and it also means that practically none will be sown here next spring.

For the last two years flax has been nearly a failure in this part of the state and farmers are ready to quit flax growing. We cannot raise flax as readily as the northern farmers for we have not as good a climate for spring sown grain. In 1912 the flax crop of the Dakotas was double that of 1911 and the price has gone to the bottom. We are wondering if the price of linseed oil has dropped in the same proportion. Of late it has been selling for \$1 per gallon. To follow flax prices it should now be selling for about 50 cents.

Many of the hogs that have been shipped from Kansas this fall have been of

light weight and the average weight of the receipts at Kansas City now is hardly 200 pounds. It cannot be the price of feed that is sending the hogs away at this weight and it can hardly be disease. What then can it be? Why should farmers sell hogs for less than 200 pounds when corn can be bought for 50 cents or less in almost every part of the state and while at practically every shipping point at least \$6.50 can be paid for hogs?

Knowing what the farmers think and say, we think we can give an explanation of this. Farmers know that hogs are scarce and know there is a profit in feeding at present prices but they have seen this fall what entire control the packers have of the market and they fear that they will put the price down to cost of production if they make hogs of heavy weight. Hence, when they see a chance to let them go at a profit, they do so. They do not trust the packers; they know that they have not much meat in store and that they want to fill up at low cost and so are interested in putting prices down to the lowest notch.

One of the results of a partial monopoly is this peculiar state of affairs: When packers have their cellars full of cured meat they are interested in putting up prices; when they have little meat in store they work hard to get prices down to the lowest notch. It is a complete reversal of the usual laws of trade and is a result of monopoly. Supply and demand have nothing to do with the market when it is in the grip of a few men. We do not favor putting the meat business in the hands of small traders, for that would make things even worse but we do favor some control of the monopoly so that there will be some stability to the livestock business.

Perhaps you may think this is a lot to write on one subject but it is on a subject that more nearly concerns western farmers than any other. As it is at present livestock raising and feeding is a gamble, pure and simple. No man knows, when he puts cattle in the feed lot, whether they will make him a profit or whether they will go far toward breaking him up. No manufacturer in this country is called upon to meet such conditions and it is this that keeps the meat supply so unequal and makes seasons of over-supply and seasons of scarcity. If farmers could be assured of a fair profit the meat supply would always be ample; the speculators would not have the great fluctuations in supply to gamble on but both grower and consumer would be much better off.

Our county assessor was this week called on by the state tax commission for the actual figures in land valuation in this county. The commission wishes to learn the price paid for each piece of land sold during the old year together with the assessed valuation of the land. This, we suppose, is for the purpose of fixing the future value of the land for taxation. It is now the custom in Kansas, and in all the western states, to put the price paid for the land as recorded in the transfer, far above the actual amount paid. This is to make a good showing should the buyer ever wish to sell again. If he buys a farm for \$6,000 he may have it put on record as \$8,000; then he can show the record of transfer to the next buyer and say, "See what I had to give!" But if the taxes are to be levied on that basis we are of the opinion that over-valuation will soon go out of fashion.

There has been a chicken car at Gridley this week and as a result prices for all kinds of poultry were higher than at any time this winter. By shipping in carlots the local express rate to Kansas City is saved and a better price can be paid. It is now an established custom during the winter to load one or two poultry cars at each town and many now hold their poultry until the car comes in order to

get the higher prices. For some reason higher prices have been paid for poultry right after the holidays than just before for the last few years. We received 9 cents for hens and springs which was 1 cent more per pound than was paid by local buyers, but we see by the paper that a car will be at the county seat next week and that 10 cents will be paid for hens. This is the way it worked last year. It doesn't pay to be in a hurry to sell; it will soon be spring and hens are the best of property if less than 2 years old.

If those who are so keen for consolidated schools because the house could then be used for a "social center" could see the crowds that come to our district school houses on the nights when there is anything doing they would not be so certain that it is necessary to have a big building to get country people away from their homes. Let it be given out that there is to be a "literary" box supper, spelling school, cyphering match or anything like that and the house will be filled as full as it can hold. It does not require anything different by way of an "attraction" from that we now have to get out a crowd.

The writer has been to "shows" in practically all the theaters in this part of the country, has seen Weber and Fields together with Lillian Russell, Fay Templeton and William Collier, which means the last word in musical comedy, but for real entertainment there is nothing that beats a box supper when a number of rivals are after boxes belonging to the girl of their fancy. For comedy "The Dying Gladiator" is hard to beat yet the rural comedy of the anxious swains who do not wish to have the neighbors see them outbid by rivals is fully as good, although along a different line. If the performance could be given in its entirety in any city theater it would draw crowded houses.

Each day brings its public sale of farm property and many of the auctioneers of this section have their dates fully filled for the next two months. Time was when a man moving from one section of country to another would take a car and carry with him the greater part of his goods. This is rarely done today for all kinds of farm property can be depended on to bring good prices, enough to buy again in the new home. So it comes that the railroads carry far less cars of emigrant movables than in the past. The only thing which might sell for less than its worth would be farm machinery and household goods and the chances are that they could be bought at the same reduction in the new location so things are even on that score. Grain sold at sales brings more than market prices while every kind of livestock sells for all it is worth.

Farm Products by Parcel Post

(Continued from Preceding Page.)

thick for bottles holding more than two ounces. The block or tube must be rendered water tight by an application of paraffine or other suitable substance. "When in a metal container, the weight of the parcel must not exceed 11 pounds. The container must be hermetically sealed and inclosed in a strong box, and securely wrapped."

Rates and Regulations.

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The parcels post rates are:

	First pound.	Each additional pound.	Eleven pounds.
Rural route and city delivery	\$.05	\$.01	\$.15
50-mile zone	.05	.03	.35
150-mile zone	.06	.04	.45
300-mile zone	.07	.05	.57
600-mile zone	.08	.06	.68
1,000-mile zone	.09	.07	.79
1,400-mile zone	.10	.08	1.00
1,800-mile zone	.11	.10	1.11
Over 1,800 miles	.12	.12	1.32

To Move a Barrel Up Stairs.

Mr. Editor—To make an easy job of handling a heavy article like a full barrel, up or down a stairway, I tie the ends of two ropes at the top of the stairway, pass the other rope ends about the article to be moved and simply slack the rope or pull, depending on whether you are taking the article up or down stairs.
H. N. Kerr.

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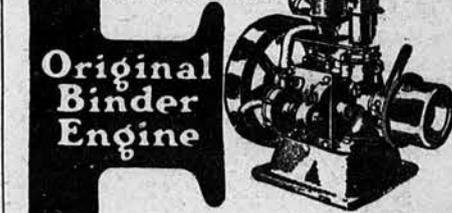
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Worked Out by Mail and Breeze Readers

A Question As to Windmills

Mr. Editor—I would like to know what is the most practical form of the modern jumbo windmill? I have heard of one with a vertical shaft. Is this as practical as the other types? Is the jumbo the cheapest form of power for western Kansas? Possibly some of the readers of the Mail and Breeze will give us their ideas on this subject.

Banner, Kan. A. R. Hawkes.

Stump Pullers Do Good Work

Mr. Editor—I received a letter a short time ago asking me how I liked my Hercules stump puller. It does excellent work. I am pulling out some large stumps now where the flood filled in a lot of ground and it pulls them all right. Before I got the stump puller I had my doubts whether it would pull stumps as well as they said it would but find it does the work just as shown in the catalog. No one need hesitate to get one if he needs it.

Hanover, Kan. Wm. Oswald.

Finds Thistles Make Good Feed

Mr. Editor—I am feeding the stock on Russian thistles. I cut and put them up just as you would alfalfa at about the time they are in bloom. I bought a small bunch of calves and thought I would winter them on thistles but I find that the milk cows do as well on them as they do on alfalfa. Some one will say I will take the alfalfa and you can have the thistles. Well, we have them and why not have both? There is no need of being short on good cow feed in western Kansas so long as thistles grow large enough to cut. I have nice bright corn fodder and bound sorghum. When all three are fed together the thistles are always eaten up first and there is no waste to them.

Beeler, Kan. C. H. Brocher.

Beets Compared With Corn

Mr. Editor—As so many are getting interested in beet culture I will try to tell my experience. I had a 4-acre piece which I prepared as I would for corn and plowed the beets three times. This fall I harvested 51½ tons at \$5 per ton and received \$2.90 in premiums.

It cost me \$7.50 for seed, \$2.40 rent of tools, \$64 for hoeing, thinning, pulling and topping, making a total of \$46.57 cash per acre. Then I had the tops which make excellent feed, that were worth, I think, \$20 more. My work was the same only I had no shucking. All there was to do was to load the beets and that was practically the same as with corn and the corn would have had to make 115 bushels per acre. Not many cornfields in this vicinity did that well.

Samuel Wingert.
Emporia, Kan.

Cane and Melons Profit Crops

Mr. Editor—I work corn, cotton, maize, Kafir, onions, cane and melons. Last year I put ¼ of an acre in watermelons and sold from this patch, 1993 melons of salable size. I plowed the patch five times and hoed around the hills seven times. These 1993 melons at 10 cents each means \$199.30 off of ¼ of an acre in melons—but it takes cultivation to do it.

What I make a specialty of is Texas seeded ribbon cane, the gooseneck variety, which will produce from 400 to 600 gallons of very fine sirup. Four hundred gallons at 40 cents will bring \$160, besides the seed. I go through the field and pick off the choicest heads from the best stalks, hand thresh them and sell the seed for 9½ cents per pound.

The seed I first planted cost me \$1 per gallon. It was so trashy I could not plant it in a planter but I can say it was the best bargain I ever bought in seed. The 1¼ acres I planted from it made 398 gallons of

sirup, besides filling a barn 14 by 16½ feet full of good seed.

I like the Mail and Breeze with its good letters of information. If this finds favor I will tell how I grow ribbon cane and melons. Good luck to the Mail and Breeze and its many readers.

Pauls Valley, Okla.

Forestry in Western Kansas

Mr. Editor—In regard to forestry in western Kansas. The man who will prepare his land for the grove the year before, as thoroughly as I summer fallow for wheat, who plants his trees no farther than 4 feet apart each way, cultivates them after each rain, leaves his pruning knife at home and never cuts a green leaf-bearing limb—this same man will see grow up a beautiful grove with straight, tall trees and will enjoy it for the rest of his life.

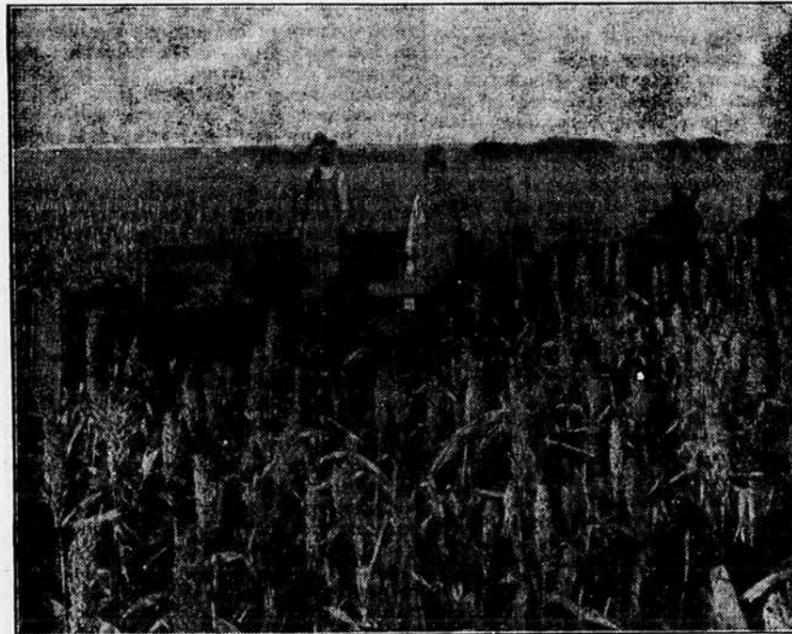
Trimming forest trees is wrong. Every green leaf is a feeder of the tree, taking nourishment out of the atmosphere. The soil only furnishes the water to keep those leaves in condition to do their work. Some mineral substance which is soluble in water will enter with it and is what dulls our axes in cutting the tree. It is found in the ashes when we burn the

I have just fitted myself out for raising pigs permanently. I built a shed long and wide enough to give each sow a stall 8 by 8 feet. I dug two trenches 10 inches deep, set posts in them 8 feet apart and filled the trench with rock pounded down solid. The trenches were 8 feet apart. The north row is 2 feet high, south row 3 feet high and the middle row about 4 feet high. The sides are drop siding. The siding comes down to within 4 inches of the ground. I made a form and built a cement foundation on the rock 6 inches high—this laps under the siding 2 inches. The top siding is fixed with a hinge so that it can be opened down. In March it is closed and banked up. In August it is open. The opening is 4 inches by 8 feet.

Leon, Kan. H. C. Morgan.

Easiest Way to Kill a Hedge

Mr. Editor—One of your subscribers asks for a plan to kill hedge after it has been cut off. If he will take straw or old hay, pile it on the hedge-row and leave it one summer he will not be bothered with the hedge any more. The straw must be put on about 6 inches deep to prevent the sprouts from coming through the straw. This will surely kill the hedge. But the best way to kill a hedge is to wait till August when it is hot and dry and then have some old straw or hay, or anything that will burn, and pile it on the windy side and right about the hedge as closely as possible.



A Sumner county Kafir field which made 45 bushels per acre in 1912. While this does not come up to Mr. Gates's "Top Notch" average of 66 bushels 24 pounds in Meade county, it is a fine yield notwithstanding.

wood. The greater part taken from the atmosphere goes back again to it through the smoke stack.

The Smoky river is an admirable place to raise an immense lot of timber for all in the shape of cottonwood. I have the stream running through my land for 2 miles and have managed in the last 20 years to get a fringe of timber on both banks, most of the way, except where I water my cattle. The river irrigates the timber and every freshet leaves a deposit of silt, building up the banks and cutting the channel deeper.

Pfeifer Kan. Conrad Kruger.

A Year's Work With 12 Pigs

Mr. Editor—In June, 1911, I picked out 12 head of pigs worth \$3 per head with a view of experimenting. The first of January, 1912, my 12 pigs were worth \$9 per head. In March, 53 little pigs came to stay. In August 52 more came. In October I sold 49 spring shoats for \$8 per head and 52 August pigs for \$2 per head. The expense of feeding the pigs and sows 16 months was \$250 worth of grain, pasturing \$50, 12 head of pigs at \$3, \$36, total outlay \$336. The income was 49 shoats sold in October at \$8 per head, \$392; 52 pigs at \$2, \$104; 3 shoats for meat, \$15; 12 hogs at \$20 per head, \$240. Total value of hogs in October, 1912, \$751. Total income, \$751; total outlay, \$336; profit, \$415.

Hedge fire it. This will kill every hedge tree in an uncut hedge and is the easiest way to get rid of a hedge as the hot fire will draw up the sap and what is left in the hedge will sour. The hedge can then be cut off at the ground, the brush burned, and it is the best way as most of the top will burn up.

I burned out a half mile of hedge 2 years ago and one-fourth of a mile a year ago and it killed it all.

Hedges are especially hard on corn. I lost 5½ acres of corn along my hedge fences in 1910. Counting 9 rows, 80 rods long per acre and the corn made about 40 bushels per acre and was worth 75 cents per bushel, my hedge cost me \$165 just that one year so I got right after it with a good hot fire and replaced it with a good wire fence. It saves a lot of work, too, trimming hedge.

Arbela, Mo. F. M. Riebel.

Here's a Good Rotation Scheme

Mr. Editor—I have been watching some of my neighbors and reading experiences of Mail and Breeze readers, in seeding alfalfa. I am getting ready for a plan which I am going to try out the coming season and if it proves good will work it much heavier the next year. It is this: I shall divide my place, giving about 15 acres to alfalfa, 50 acres to corn, 25 to wheat, 10 or 20 acres to oats, the rest pas-

ture, both tame and wild, besides the feed lots, etc. I have the alfalfa fenced hog tight into three fields of 5 acres each with a lane across the ends and running to the sheds and lots. I intend to have the sows and pigs run on these 5-acre fields, pasturing one about a week or two, then turning them on the next, and so on from one field to the other in rotation, always cutting or clipping a field about three to six days before letting the pigs on it.

Next to the fields of alfalfa I have a field I am going to put in corn and also put hog fence around it. At the last cultivating I will sow a mixture of rape and cowpeas and about September 15, a little earlier or later, depending on the condition of the forage and corn crop, I shall turn the hogs in and hog it down. There is about 15 acres in this field of corn and I think with a few good cows to help the little pigs along in the spring, that this combination ought to raise and make ready for market from 100 to 150 hogs with comparatively little corn, except the 15 acres hogged down. By following rotation and changing the alfalfa pasture every few years, the land should be kept up in fine condition with fertility at the top notch, feeds making this a good paying proposition with the hogs, cows and field crop.

If the experiment proves successful the coming year I will write and tell my experience, giving the best methods this experience has taught me.

Benedict, Neb. R. E. Covey.

This plan of rotating the hogs on the alfalfa fields and hogging down the corn in the fall looks like a money-making, fertility-improving scheme which in the long run will be hard to beat. We want to know the first season's result next fall.—Ed.

Peanuts Beat the Cowpeas

Mr. Editor—I have tried three new crops this season—cowpeas, Spanish peanuts and "shallu". The latter proved to be nothing but a worthless mixture. The cowpeas made a fine crop and I have them put up for seed but have not hulled them yet. The Spanish peanuts are far the best crop of the three. I have picked some and find they will make 75 bushels to the acre and a ton or more of feed. From this season's experience I am convinced that 100 bushels per acre can easily be produced. I did the planting by hand in furrows and cultivated with the 5-tooth and walking cultivators with sweeps for shovels. I raised them with a rod-breaking plow. This tool did the work very well. They usually sell for seed at \$2 a bushel.

W. K. Stambaugh.

Medicine Lodge, Kan.

Shallu is otherwise known as "Egyptian wheat," "California wheat" and "Mexican wheat." It is really a kind of sorghum imported about 20 years ago from India and is surpassed by so many other crops in Kansas that it is not worth while to grow it.—Ed.

Sowing Oats With Alfalfa

Mr. Editor—In regard to A. A. C.'s inquiry, I have tried sowing oats and alfalfa together with good results on 3 acres of ground. I plowed this ground the first week in February. About April 25 I disked the ground double and sowed the oats with the drill, harrowed twice and then sowed the alfalfa seed with a broadcast seeder. The patch was then harrowed twice again. The seeding of this ground took 1 bushel of oats and 12 to 15 pounds of alfalfa. The oats took the place where weeds would grow instead. I was fearful, however, of dry weather, and tall oats may dry and smother the young plants of alfalfa.

When the oats were well headed and in milk I cut them for hay. They made a very heavy crop and 5 or 6 tons of fine rich hay. After the hay was taken off the young alfalfa began to show and a week later it was green and thick without weeds.

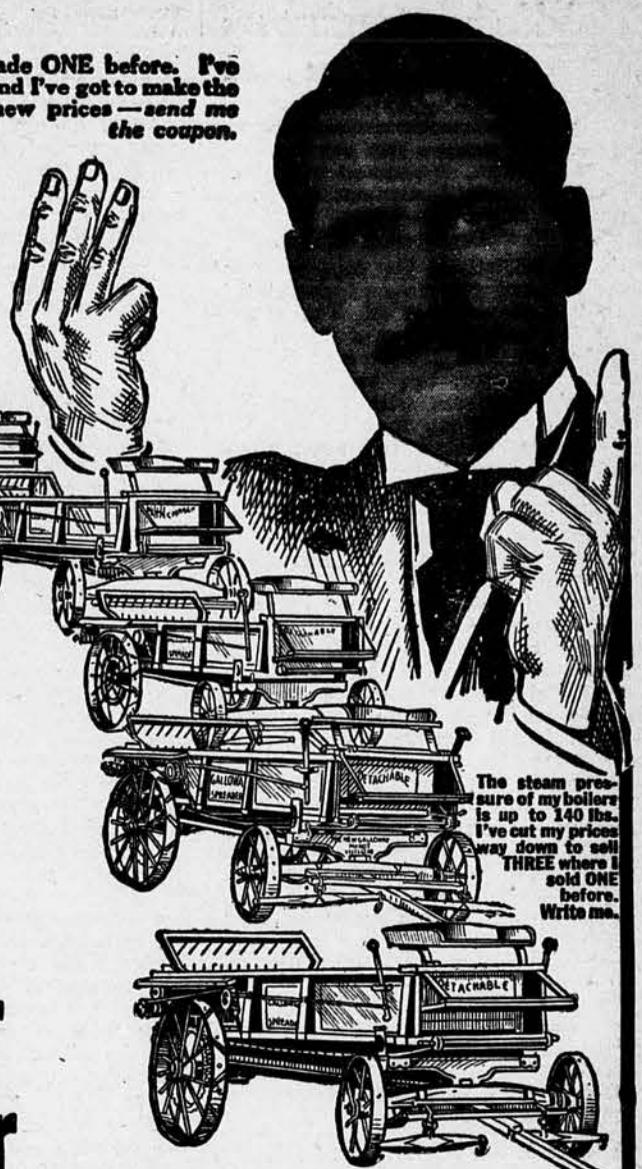
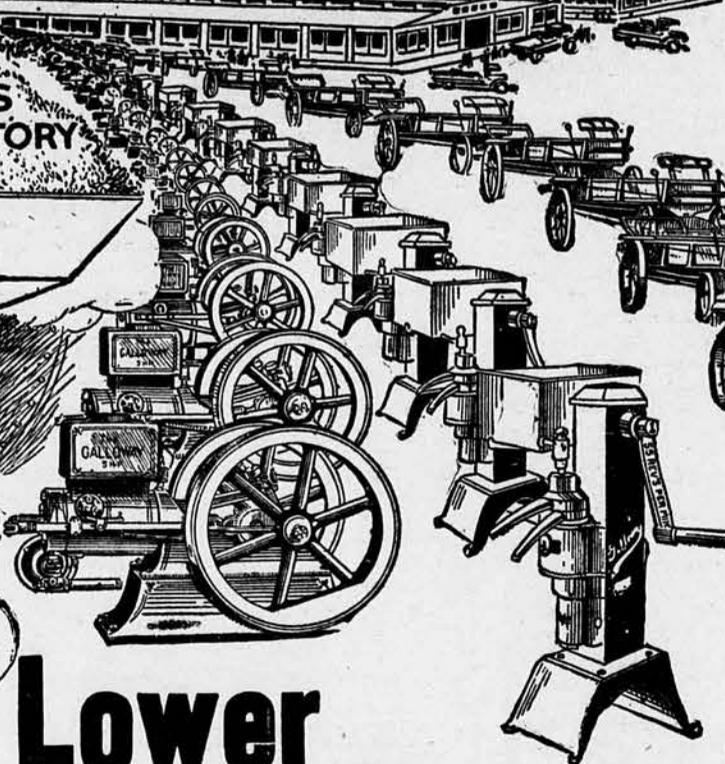
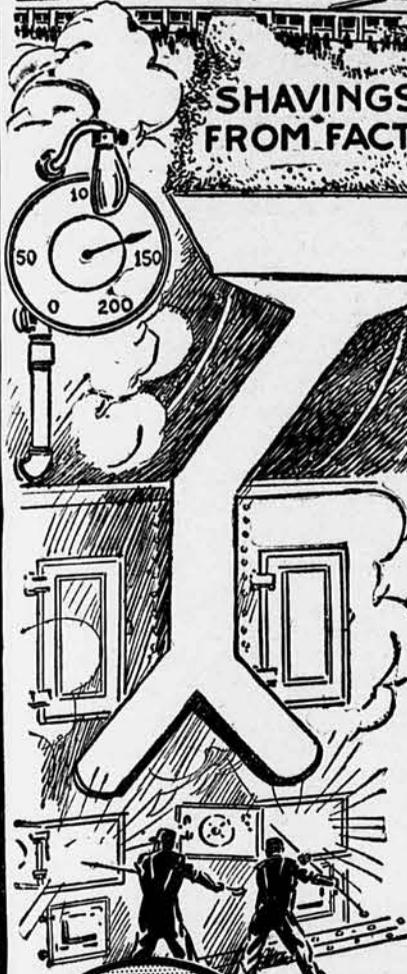
I sowed 6 acres of wheat and alfalfa together last fall in about the same way and the alfalfa was showing up as late as the middle of December when the frost burned the tops off.

J. C. Pospisil.
Lost Springs, Kan.



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Conducted for Farmers Mail and Breeze by A. H. Leidigh, Department of Farm Crops, Kansas Agricultural College.

A New Department Editor.

A. H. Leidigh, of the department of farm crops at Kansas Agricultural College, has succeeded A. M. TenEyck as the editor and conductor of this department of the Mail and Breeze. He is a worthy successor, too, having a large practical experience with farming under farm conditions in Kansas, which he has supplemented with notably good work as an investigator in the office of grain investigations, U. S. department of agriculture; with 5 years' work as superintendent of two experiment stations in Texas; and as a collaborator for several years with the federal department of agriculture. He became assistant professor of crops at Kansas Agricultural College in 1911. He was graduated from the college in 1902.

Prof. Leidigh was reared on a farm in Reno county and has not only known what it is to farm for himself but to be a farm hand. Readers of Farmers Mail and Breeze may consult him freely in regard to their crop problems. If questions are sent to him direct an answer should be requested in the Mail and Breeze.

What Crop for an Old Alfalfa Field?

I have just plowed up an old alfalfa field, sown about 10 years ago, which had become so thin that I thought best to plow it up. I am thinking of reseeded it in the spring. Intend to get the seed bed in good condition and sow some time the latter part of March or early in April. Will this reseeded prove a success or had I better put in some spring crop and sow to alfalfa in the fall?—G. L. S., Sedgwick county, Kansas.

From the standpoint of general farm practice it is not advisable immediately to reseed a field of alfalfa when it is plowed up after it has been in alfalfa for 10 years. It would be much better if this land were planted for a few years to other crops and then seeded to alfalfa after these crops have made use of what fertilizers the alfalfa has left there for them. This would result in obtaining large crops at a minimum of expense for a few years and it would rid the land of the grass-like weeds which are without doubt present on it and it would also result in killing a great many insects.

I should suggest the following plan: Plow this land about 4 inches deep during the winter and give it one or two diskings between the first of March and the last of May. Perhaps more diskings would be necessary. Then list 4 or 4 1/2 inches deep and plant either

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sweet sorghum or Kafir, sowing about 10 to 15 pounds of good seed per acre, if you wish the crop for silage, or between 5 and 10 pounds of good seed per acre if growing the crop for grain.

If you do not desire either of these crops, I would get the land very clean and in a high state of cultivation the latter part of May and plant Kafir at the rate of 100 pounds per acre with a wheat drill with the intention of using the crop for hay. The land should be deeply fall-plowed after any of these crops are removed, but if there is danger of blowing, fall listing would be preferable. After that for 1 or 2 years put the land in corn, then fall-plow it for oats and when the oats are removed give it comparatively shallow preparation and plant it to alfalfa during the latter part of August. Manure at the rate of about 10 tons per acre could well be spread on this land after the first crop of corn.

If it is absolutely necessary that this land go into alfalfa next year, I should plow it to a depth of 6 or 8 inches this fall or winter and leave it rough until in March, and then seed to oats. Possibly you may not get much of an oat crop, but when that is removed work the land not to exceed 3 or 4 inches deep, in order to get it clean and free from weeds and save moisture, and plant to alfalfa during the latter part of August. If you are unable to plow until comparatively late in the spring, you will probably not have much of an opportunity to raise an early spring crop and in that case I should not plow more than 4 inches deep and would keep the land in a high state of cultivation until about the first of May and then plant to alfalfa but if you proceed in this latter manner it is absolutely necessary that several crops of spring weeds be killed before the alfalfa is planted. A. H. Leidigh.

Plow or List Stubble for Corn?

For several years I have had a good bit of faith in your advice and was sorry to learn of your leaving our state. I see from your letter to the Mail and Breeze that you will still write for the Mail and Breeze. When I came to Kansas 20 years ago the neighbors here said they had found that it would not do to plow here in the fall or winter for corn or oats, and now we are advised to plow our corn and oats ground as early in the fall as possible. Now can you explain this change? Do you advise to plow or list wheat stubble ground now for corn next spring? I am now plowing my cornstalk ground for oats. Should this plowed ground be harrowed or left just as it is till spring? Several farmers here claim that the corn ear worms are worse on yellow corn than white. What is your experience? Corn ground that is listed in the fall or winter should always be listed east and west should it not?

I cannot explain the prevailing opinion 20 years ago that fall plowing for oats or corn injured the soil. We find today as you have stated that fall plowing and fall listing often give much benefit to the succeeding crops of corn and grain. One of the prime reasons for this is the storing of soil moisture which occurs from the deep loosening of the ground in the fall.

Usually I should advise leaving the ground rough as plowed or listed. This condition will allow the absorption and percolation of water better than may result from the smooth surface as left by the harrow. Cultivation should begin early in the spring when the fall plowing may be disked or harrowed and the listed ground should be leveled with the disk cultivator or disk harrow, with the purpose of producing a mellow soil mulch to conserve the moisture which has been stored in the soil and also to destroy weeds. The early cultivation tends also to warm the soil, to develop plant food and put the land in good seedbed condition.

It is usually best to list corn ground east and west since east and west furrows offer more protection from the prevailing winds which usually blow more from the north or south than from the east or west. Also corn had better be planted in rows east and west rather than rows north or south in the hot Kansas climate since the rows running east and west tend to shade the soil more than when the rows run north and south. The prevailing method of planting being as you know to drill the corn and not to check it in hills.

The attack of the ear worm depends mainly on the maturing season of the corn rather than upon the color of the variety. The later maturing types of corn are usually attacked by the ear worms. Perhaps the white corn to

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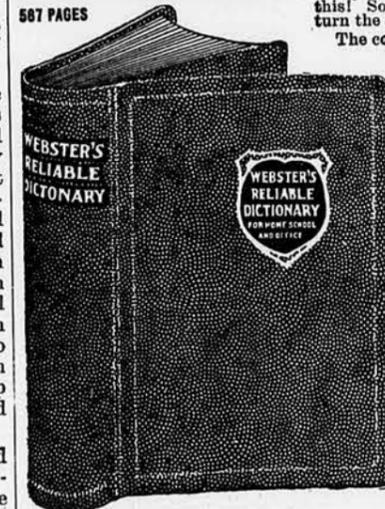
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which you refer was an earlier maturing variety than the yellow corn. Corn ear worms may be controlled to a large extent by fall plowing and rotation of crops since the worms burrow in the corn fields and pass the winters within a few inches of the surface, and may thus be destroyed by plowing or deep disking. Also if the farmers of a neighborhood or county will practice rotation of crops so that corn does not follow corn more than one or two years in succession, then the attack of the corn ear worms will be greatly diminished. A. M. TenEyck.

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Farmers' Week at Manhattan

What a Mail and Breeze Man Found of Interest



C. H. Werner.



Milton Schrepel.



James Gronlger.

First prize winners in the boys' division, Kansas state corn show, Manhattan, 1912. C. G. Werner of Troy, Doniphan county, has won first place and sweepstakes for three successive years.

ANOTHER good name for the annual state institution at Manhattan would be a "convention of business farmers" for that is precisely what it is. The men, women, boys and girls who gather there once a year are the leaders in their home communities. Holiday week is a good time to go to Manhattan, especially for farm people. Work is not pressing then and school being dismissed for the time being, every man, building, piece of machinery or head of stock at the state's big educational plant is at the service of the visitor.

The institute this year was the most successful and best in attendance yet held. About 1,000 visitors—men, women and children—were there representing all parts of the state. The program was so varied that everybody was suited in some particular at least. To take it all in was like watching a six-ring circus, as one visitor expressed it. It was a program wherein hearing, seeing, and doing were combined in the most interesting way.

The girls and boys who attended received free transportation and entertainment from their home institutes as a reward for winning in the county contests. In the case of boys it was corn, for the girls cooking and baking. Once at Manhattan there was plenty to see and do for old and young folks alike. There were daily classes in cooking and sewing, fruit growing and judging, dairy farming, gas engine instruction, and stock and grain judging. The hopeful thing about the institute was the presence of a large proportion of young farmers. Too often, at meetings of this kind it is the old farmer who is in the majority.

The county adviser was the chief topic at two of the meetings. Some first impressions in regard to this aid to better farming were dissipated by the speakers and others who knew something about the system as carried out in other states.

"I realize now that I hardly knew the

first principles about the farm adviser plan," said a delegate from Rawlins county. "The people who are raising a howl about it are doing it in ignorance of what the plan really is. They haven't had it explained to them as we have here."

A real, live county farm adviser was on hand to tell of his experiences. He was P. H. Ross of Leavenworth county,



Winning exhibit in boys' class, western Kansas. Grown by Milton Schrepel, Ellinwood, Barton county.

the first county in the state to adopt the plan. He cleared the minds of his hearers of all doubts as to the merit of the system, and they were fully converted by J. C. McDowell of the U. S. department of agriculture who has charge of the government's county agents in the northern states.

"Benighted" Alabama now has an adviser in every county. In fact the South is leading the movement. The idea was first tried in the South, being born of necessity during the time the boll weevil was threatening extinction of the cotton growing industry. From a small beginning it has developed into proportions that are now taxing the powers of the department of agriculture to co-operate with the agricultural colleges in putting the plan into effect. The government is no longer urging counties to take up the plan since it finds it barely possible to keep up with the present demand. The greatest drawback to the movement at present, said Mr. McDowell, is to find

men properly fitted to become farm advisers.

According to Mr. McDowell, the county men now in the field learn as much as they teach. They are the mediums by means of which the best ideas and farming practices are carried from farm to farm. They do not presume to dictate how a man should manage his farm which seems to be the impression that has gained a foothold in many quarters. They do not go onto a man's place unless called.

Mr. Ross's address was of particular interest since it gave his own experiences at first hand as a farm adviser. Although his work in Leavenworth county began a few months ago his duties are multiplying and new farms are constantly being added to his list. He is finding farm people very responsive and there is plenty of variety in his work. Added to his own knowledge gained at the agricultural college and in practical farming, he finds the local ways and means employed to meet problems peculiar to that section, of great value. Whenever he finds a new way of solving farming difficulties he is not slow to absorb the how of it and to spread the knowledge to other farms that have the same problems. When he finds emergencies that he is unable to cope with single handed he needs only to give Manhattan or Washington the distress signal and the best help in the state or nation is placed at his command.

Among his other duties, Mr. Ross is giving considerable attention to co-operative buying and selling. He lists the men who have good seed, pedigreed livestock, etc., and serves as a bureau of information to bring buyer and seller together.

The farm adviser idea is taking root in Kansas. This was very evident at Manhattan last week. Many of the local institute workers went home full of enthusiasm over the plan and will bring it before their home communities in its true light. The matter of raising the funds is secondary, according to Prof. Jardine, the new director of the Experiment station. "Business men are alive to the advantage of having farm advisers in their counties," said he, "and the money can be raised in many places to put them in at any time but it will be useless to do this until there is a demand from the farmers themselves for such men."

In counties where the plan is being tried the expense per man depends on the number of farms on the list of the adviser. This expense ranges from \$2 to \$5 per man. The rest of the fund comes from donations by commercial clubs, business men, the Sears Roebuck donation, and the U. S. department of agriculture. The railroads also are willing to contribute in their territory.

Wednesday the consideration of the movement for a state wide federation of farmers' organizations came up. After discussing the question at length the meeting voted to turn the whole matter over to the Agricultural college for the present, letting that institution take the lead in the co-operative movement in this state. This will mean the college will act as a clearing house for the disposal of Kansas farm products by enlarging its present service for the marketing of surplus crops.

Eventually a bureau of co-operation will be established at the college which will be the guiding head of all co-operative movements in the state. Both individuals and organizations will be served by this board, whether farmers or residents of cities. The bureau will foster such organizations as cow testing associations, co-operative creameries, horse-breeding clubs, fruit or vegetable growing associations, etc. There being no funds available at present the development of this bureau will have to proceed slowly for a time and not too much should be expected of it at first.

At the meeting addressed by President Waters, a storm of applause greeted the mention of his name in connection with the post of secretary of agriculture in the new cabinet. The president's speech on "Keeping Up the Country Stock" was a plain statement of facts. In the drift of the rural population cityward were to be found the brightest and best of the young men and

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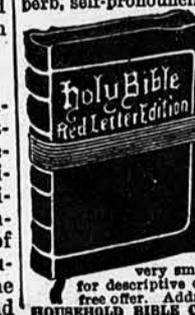
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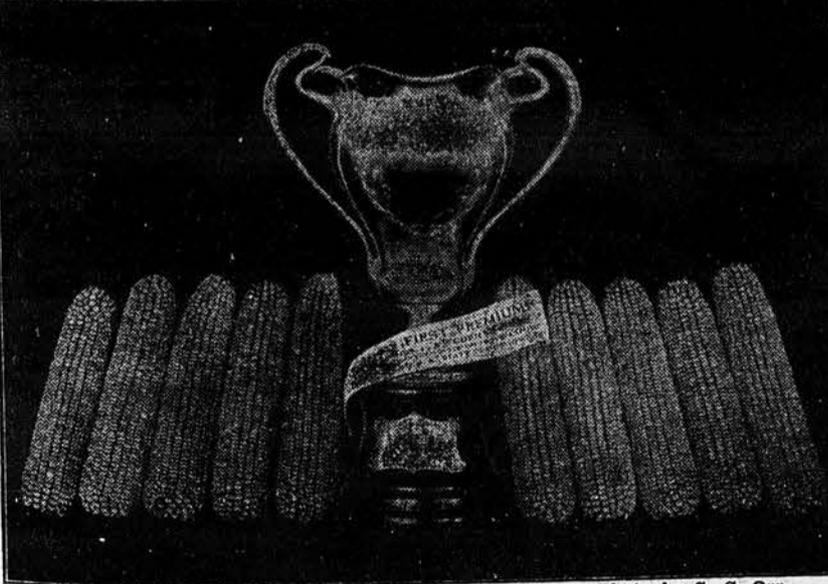
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Sweepstakes exhibit of corn at the Kansas state corn show, Manhattan, 1912. This corn was grown and entered by C. H. Werner, Troy, Kan., three times a first prize winner at this show, in as many years.

—Photo by S. C. Orr.

women from the farm while the weaker ones were left behind. "People will stay on the farm," said he, "if the opportunities are as good in agriculture as in other lines. If they are not, the intelligent and ambitious will leave. We must make the chances for success as large on the farm as in the city."

Much interest centered around the experimental work being carried on at the college. Where the actual progress of these experiments could not be seen results were shown in chart form. L. M. Call and A. H. Leidigh of the farm crops department told of the results obtained in experimenting with barnyard and green manure. A field on the college farm received 10 tons of manure per acre in 1906 in the form of a top dressing on wheat. The following year this field made 35.9 bushels per acre while another field under the same identical conditions except for the manuring made 18.06 bushels. Both fields had been sown to alfalfa and in 1908 the manured field produced 8,560 pounds of alfalfa hay per acre while the unmanured land made but 4,104 pounds. The crops of the years following told the same story and at the end of three years the increase of yields on the manured land had placed a value of \$4.49 per ton on the manure applied while its good effects were still apparent.

Mr. Leidigh, who succeeds Prof. Ten Byck on the Mail and Breeze staff, advised top dressing of wheat as the best preparation for alfalfa. He also championed the cause of the cowpea for Kansas farms, and recommended it for the whole state excepting about a dozen counties in the northwest corner. He guaranteed it a better crop for any purpose whatsoever than millet. The pea hay has three times the feeding value of millet, besides being a safer crop to feed, and an improver of soils as well.

Cowpeas planted as a catch crop after wheat on the college farm and plowed under late in September were found to be a great stimulant to corn planted on the ground the year following. The actual increase over corn grown on land not treated in this way, averaged \$8.98 in value per acre each year for a period of four years. Mr. Leidigh said it was a big mistake to wait until seeding time before buying seed. At that time the price ranges from \$3 to \$5 per bushel while the seed may now be had at from \$1.50 to \$2.

According to Mr. Leidigh, Sweet clover is being too heavily advertised in some sections. While it has its good points, he would not recommend it where alfalfa or Red clover can be grown. Cowpeas would be two or three times as valuable for forage. He told of a crop of cowpeas put in after wheat in 1911, that made \$12 worth of hay per acre after the wheat had made a yield of 40 bushels. This was done on the college farm. A double disking of the stubble was all the preparation the ground received.

The meeting addressed by Prof. Jardine on breeding and selection of grains brought out the fact that Hessian flies are present in wheat fields to an alarming extent. Reports from many eastern counties were to the effect that much damage had already been done and some were even then considering plowing under the more generally infested fields. "Only a prolonged wet spell or severe winter weather can put a check on the flies now," said Prof. Jardine. He placed much of the blame of this infestation on farmers who did their seeding too early. The flies will not develop in late sown fields but have now migrated to all nearby sowings, whether early or late.

Livestock farming had its usual prominent place on the program and was ably taken care of by Prof. W. A. Cochel, C. M. Vestal, for the cattle raisers; Prof. O. E. Reed, G. S. Hine, A. W. Rudnick, and J. B. Fitch, dairying; T. R. H. Wright, W. L. Blizzard, G. C. Wheeler, and J. D. Lewis, hogs and sheep; and Doctors Schoenleber, McCampbell, Dykstra, Rogers, and Gingery, horses.

Breeders' Officers for 1913.

The closing day of the state farmers' institute at Manhattan included the business meetings of the various state conventions held in connection with the institute. This year's farmers' week marked the birth of a new state organization—the "Dairy Producers' association." Any person owning a cow is eligible to membership. The officers of

this organization are: President, J. G. Crist, Fort Scott; vice president, P. W. Enns, Newton; secretary, J. B. Fitch, Manhattan.

The Kansas Horse Breeders' association came out strong for President Waters for secretary of agriculture at Washington and endorsed J. M. Rodgers, secretary of the Mitchell County Breeders' association, for livestock sanitary commissioner of Kansas. The legislature was petitioned to make the stallion law more practical and to provide for a state fair to be located by popular vote at the state primaries in August, 1914. The incoming legislature was also urged to furnish sufficient funds to the Agricultural college to see that the efficient men of the institution are kept in Kansas. The association favored an appropriation for the International Dry Farming congress at Tulsa, Okla., next fall. A draft horse futurity for the Kansas State Fair was also asked for.

The officers elected by the horsemen are: President, George B. Ross, Sterling; treasurer, N. H. Holderman, Meade; secretary, C. W. McCampbell, Manhattan. One vice president was elected from each congressional district as follows: First, B. P. Waggener, Atchison; second, A. E. Smith, Lawrence; third, Charles Jones, Girard; fourth, J. H. Lee, Harveyville; fifth, W. H. Rhodes, Manhattan; sixth, M. A. Smith, Cawker City; seventh, George B. Allen, Meade; eighth, J. C. Robison, To-wanda.

The Kansas Crop Improvement association, formerly the Kansas Corn Breeders' association, elected the following officers: President, M. G. Hamm, Holton; vice president, S. G. Trent, Hiawatha; secretary, C. D. Steiner, Manhattan; treasurer, E. G. Schafer, Manhattan; inspector, C. C. Cunningham, Agricultural college; directors, L. E. Call and L. A. Fitz, Agricultural college; W. G. Shelley, McPherson.

The officers elected by the Sheep

Breeders' association are: President, E. D. King, Burlington; vice president, L. B. Streeter, Wakefield; secretary and treasurer, G. C. Wheeler, Manhattan.

The women folks attending the state institute made preliminary plans for a state home economics association. The plan proposed is to divide the state into three sections with one president for the three and a vice president for each section. Membership will be open to farmers' wives, teachers of home economics, and club women.

Not a Large Corn Show This Year

The corn show was not the largest ever held in Manhattan but none has ever shown better corn quality than the exhibition last week. These annual shows deserve more entries than they get considering the value of the prizes put up. This year \$500 in prizes was divided among the winners. The exhibitors from the northeastern part of the state had things all their own way as usual. In the men's classes Frank C. Werner of Troy nosed S. G. Trent out of first place in yellow corn and the men's sweepstakes. Heretofore Trent had been turning the trick with a regularity that was growing monotonous. Last year the order was reversed and Werner was in second place. H. H. Neumann of Hanover heads the list of white corn exhibitors.

Three Corn Growing Brothers.

In the boy's classes, sweepstakes and first place in the eastern half of the state proved to be another walkaway for Charles H. Werner of Troy. This youth has now won this place for three consecutive years but has reached the end of his string as he graduates into manhood before another show will be held. He will probably make it interesting for the men next year and thereafter. The winners of the three Werner brothers were one of the features of the show. Besides

the two mentioned, a third brother, Arthur W. Werner, received fourth place in yellow corn in the men's division.

First premium for the best single ear in the boy's contest was won by James Groniger of Bendena. In the western division of the boys' show Milton Schrepel of Ellinwood won first money. This is the second year this honor has gone to Barton county, Albert Tucker of Great Bend winning last year. The complete list of prize winners follows:

MEN'S CLASSES.

Yellow Dent Corn—First, Frank C. Werner, Troy; second, S. G. Trent, Hiawatha; third, John Brox, Atchison; fourth, Arthur W. Werner, Troy; fifth, Fred G. Laptad, Lawrence.

White Dent Corn—First, H. H. Neumann, Hanover; second, Herman Groniger, Bendena; third, E. Wilson, Lawrence; fourth, M. G. Hamm, Holton, fifth, John Brox, Atchison.

Other than yellow or white corn—First, E. Wilson, Lawrence; second, M. G. Hamm, Holton.

Western Kansas, corn—First, F. A. Schroeder, Lebanon; second, Fred Polka, Smith Center; third, Frank Hepler, Greensburg.

Sweepstakes of men's show—Frank C. Werner, Troy.

BOYS' CLASSES.

Boys' show, eastern Kansas—First, Charles H. Werner, Troy; second, Ed Luebeken, Hanover; third, Louis Eastman, Lawrence; fourth, Harry Paige, Effingham; fifth, Merrill Hamm, Holton.

Boys' show, western Kansas—First, Milton Schrepel, Ellinwood; second, Bert M. Talley, Hill City; third, Tom Foote, Black-wolf; fourth, Abe Rasmussen, Jetmore; fifth, Albert Tucker, Great Bend.

Sweepstakes of boys' show—Charles G. Werner, Troy.

Best single ear, boys' show—James Groniger, Bendena.

Hard Wheat—First, Arthur J. Mahan, Clyde; second, Lee McKissick, Minneola; third, F. A. Schroeder, Lebanon.

Soft Wheat—First, George Selfert, Tonga-noxie.

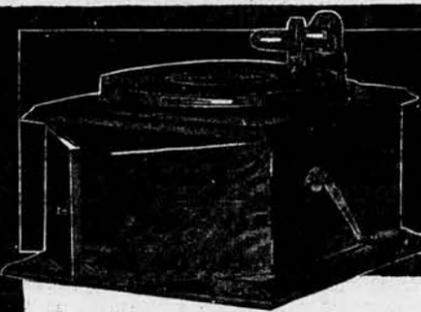
Red Oats—First, E. E. Bowersox, Belleville; second, J. M. Gilman, Leavenworth; third, M. G. Hamm, Holton.

White Oats—First, J. M. Gilman, Leavenworth; second, F. A. Schroeder, Lebanon; Barley—First, J. M. Gilman.

Kafir—First, Kenneth Cresswell, Minneola; second, Ed Knox, Manhattan.

Cowpeas—First, J. M. Gilman; second, R. H. Long, Burlington.

Alfalfa Seed—First, R. H. Stone, Winfield; second, R. H. Krueger, Marion.



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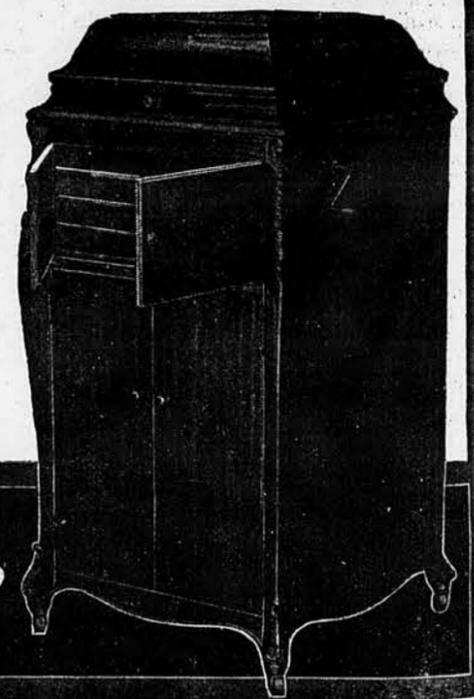
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New Victor Records are on sale at all dealers on the 28th of each month.



Victor

Feeds & Feeding

QUESTIONS ANSWERED
by Prof. G. C. Wheeler

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

Is Coal Beneficial to Hogs?

What properties are there about coal that make hogs like it so well? Is coal beneficial to them?—J. S., Johnson county, Kansas.

Pigs often seem to show a strong craving for various unnatural substances. Various mineral correctives, such as charcoal, slaked lime, ashes, etc., undoubtedly have some purpose to fill. As a rule the feeder had best supply what the hog seems to crave. It is a good plan to keep mixtures of these various materials exposed in boxes or troughs so that hogs may help themselves as they desire.
G. C. Wheeler.

Finishing Hogs For Market.

I have a bunch of hogs weighing on an average of 175 pounds, which I am getting ready for market. I am feeding corn and alfalfa with a small amount of shorts in the swill. If I give them as much swill as they clean up well they won't eat enough alfalfa. Would you advise feeding meat meal or tankage in addition to the ration or not?—W. B., Shawnee county, Kansas.

Alfalfa is a very useful feed for supplementing corn, but during the fattening period the hog cannot consume enough of it, in connection with a full ration of corn, to supply the necessary protein. If you wish to secure the most rapid and economical gains, add tankage or meat meal to the swill you are feeding. In feeding this slop or swill prepare it in such a way that the hogs do not receive to exceed 1/2 pound per head daily of the tankage.
G. C. Wheeler.

These Calves Are Being Well Fed.

I have a bunch of calves on full feed and would like to know what ration to feed. I have been feeding ensilage, cottonseed meal and shelled corn, but have been told I should not feed calves cottonseed meal. These calves are about 7 months old. My ration is cottonseed meal 3/4 pound, shelled corn 1 1/4 pounds, ensilage 16 1/2 pounds per head daily.—C. F. K., Lyon county, Kansas.

You need have no fear of harming your calves by feeding them cottonseed meal in such small quantities. The ration you are feeding ought to give splendid results. It would add to the value of your ration if you could supply a little alfalfa hay extra. Of course you are not feeding a sufficient amount of grain to finish these calves for market. I assume your intention is to keep them going through the winter in good shape.
G. C. Wheeler.

Hogs Do Not Drink Enough in Winter.

I give my hogs all the swill they can drink twice a day, before feeding them corn. Is this the best time to slop them?—J. S., Johnson county, Kansas.

The water consumed by hogs undoubtedly has a very important function. Deitrich of the Illinois Experiment station has given this careful consideration and his conclusion is that pigs usually do not drink enough water in winter and should be forced to take more by giving it warm, if necessary, in their slop. His experiments seem to indicate the proper water supply to give the best results ranges from 12 pounds daily per hundred weight of animal at weaning time to 4 pounds per hundred weight of animal during the finishing period. It is his opinion that the amount of water consumed is of greater importance than the manner in which it is fed. In most of his experiments the best of results were obtained by supplying the bulk of the water after the rest of the feed had been consumed. He also used water to wet the dry feeds. In my judgment supplying an abundance of water, sufficiently warmed so that the animals will drink enough during the cold weather, is very important in feeding hogs.
G. C. Wheeler.

Tankage Cheapest Protein for Hogs.

I want your advice on a bunch of hogs I am feeding. I have 225, weighing an average of from 150 to 175 pounds. I am going to pick out about 25 of my best sows for breeding, and about 30 of the smallest shoats I intend to rough through the winter and feed out on alfalfa pasture

next summer. The rest, 170 head, I want to force and market before spring. I have been feeding 20 bushels corn, 5 bushels Kafir in heads, about 100 pounds of fourth cutting alfalfa, and 100 pounds of mixture of 3/4 rye, 1-6 oilmeal, 1-6 tankage, in the form of a thick slop each day. The hogs are very fat, especially the smaller ones. Are they getting enough protein to build frame fast enough? What is the cheapest protein feed? Tankage costs me \$2.40 per hundredweight, oilmeal \$1.80, the rye is worth 65 cents per bushel, and cost me 7 cents per hundredweight to have it ground. Is ground rye a better feed than shorts? Is ground wheat more valuable as a hog feed than ground rye?

My corn is costing me 40 cents a bushel. The sows for breeding I am going to put on a pasture of 12 acres of rye. What ration would you feed them? I have 125 tons of ensilage which I intend to feed to fattening cattle for spring market.—R. E. H., Lyon county, Kansas.

Corn is the cheapest concentrate you have available for finishing your hogs. You are not feeding a sufficient amount of protein at the present time to balance the ration. It is important that the young brood sow should receive the proper amount of protein and not too much corn. The rye pasture will be fine for them and will encourage exercise. I should feed them not to exceed 2 per cent of their live weight of corn or Kafir. It would probably be better to feed the Kafir to the brood sows and small shoats than to the fattening hogs. Keep some of the fourth-cutting alfalfa hay before them. The cheapest source of protein will be the tankage and you will find it advisable to prepare a slop of 1 part tankage and 2 parts rye meal. Feed this to the sows in a thin slop at the rate of 1 pound per head daily. Extensive tests in the feeding of rye have been made at the Copenhagen station, Denmark, the results indicating that it ranks slightly below corn meal as a feed for swine. From results of various experiments conducted in this country it would seem that wheat meal has about the same value as corn meal. At the prevailing prices for shorts at the present time you will probably find the rye meal more economical feed than the shorts. If the 30 head of smaller shoats are the "runts and tail enders" of the bunch they will require fairly good feeding through the winter in order to amount to much next year. They ought to do well on about the same ration suggested for the young brood sows. The best and most profitable results we have ever secured here at the Station in the finishing of such hogs as yours have been where we have used a ration of about 60 to 70 per cent corn and 5 to 8 per cent tankage and the remainder shorts. I believe you will find the most profitable combination a slop mixture of 1 part tankage to 3 parts rye meal. Feed at the rate of about 1/2 pound daily of the mixture per hundred weight of hog, with all the corn they will clean up with keen relish. Since you have silage for your cattle it will be a good plan to supply a small amount of the silage daily to the hogs receiving no pasture. It will serve to take the place of pasture and will tend to keep them in a healthy vigorous condition.
G. C. Wheeler.

It Pays to Produce Good Horses

A CASE IN POINT.

Mr. Editor—This picture shows my two Percheron mares for which I have been offered \$525. They are full sisters, weigh 1,700 each and look so nearly alike that one can hardly tell them apart. They are both of the same black color and each has a white stripe in the face. They were first prize winners at the Clay county fair.
Oak Hill, Kan. A. E. Burwell.



DEPENDABLE FARM POWER.

For any many growth on either horses or cattle use powdered sulphur mixed with fresh lard. Five or six applications will generally do the business.



Plow Right and Protect Your Crops

The coming season may be dry and hot. Better be prepared for drought in case it does come. Better see that no air spaces are left between topsoil and subsoil, whoever does your plowing. For those air spaces cut off the moisture from below and rob you of half your crop.

You'll have no air spaces if you use a Rock Island "C.T.X." Universal Plow. It turns each slice clear over, flat and smooth. Buries all trash. Pulverizes dirt—saves one harrowing—leaves the topsoil in close contact with subsoil. This feeds and saves your crops, right up from below, like kerosene comes up your lamp wick. This feeds and saves your crops. All due to the peculiar corkscrew-like bottom on the Rock Island "C.T.X." Universal. This patented mouldboard carries the dirt backward and DOWNWARD, not backward and UPWARD, like all other plows. A very simple invention, but one that is revolutionizing all plowing methods. (Picture A shows Rock Island Universal bottom, and the arrow shows how dirt travels. Picture B shows ordinary plow bottom, and arrow shows how dirt travels.)



A Genuine UNIVERSAL Plow

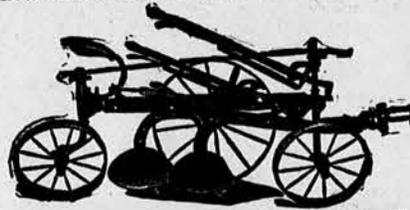
And the beauty of it is, with this plow you can plow up any field on your farm. Tame Sod, Heavy Clay, Sandy Loam, Mixed Soil, Stubble Fields, Old Cornfields, Meadows, etc., all look alike to the Rock Island "C.T.X." Universal. Saves buying a new plow or bottom for sod.

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In order to obtain 10,000 new subscribers or renewals to our paper during the month of January, we are making two exceptionally liberal clubbing offers which include our own paper and your choice of a number of other papers—each the best in its class—at just about half the regular subscription rate. Either of the two combination offers given below will provide a year's choice reading for all the family at a very special clubbing rate, which is good only during the month of January. Select one of these offers, and send in the coupon at once.

The combination must be just as given below—no changes can be made on these terms.

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.

POULTRY CULTURE, a "chicken magazine" full of practical, pertinent, timely and terse talk about the scientific money-making side of poultry raising. Edited by Reese V. Hicks, considered America's greatest poultry expert.

KANSAS WEEKLY CAPITAL is the largest and best weekly newspaper published in the state. Its pages are full newspaper size and are filled with the latest Kansas and state capital news items. Washington

correspondence, good stories, market reports, etc.

HOUSEHOLD MAGAZINE, a large family magazine containing the choicest stories and departments of particular interest to lady readers. An entertaining, instructive publication for all the family, 24 to 48 pages each month.

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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.

June cow feed in January—silage.

For milk production bran beats corn meal.

Colored butter need not be labeled if the coloring matter is not injurious.

Warming the cream to about 56 degrees for winter churning will make less work of it.

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

Let the dairy heifer have plenty of growth before breeding—2 years old is better than 18 months.

For washing a separator nothing beats a brush and scalding water containing some washing powder.

Tell us what new cow keeping methods you have resolved to put into practice during the new year.

An income of \$100 per cow per year is no longer an unusual occurrence but what other farm animal can equal it?

Experiments have proven the average milk cow requires about an ounce of salt per day. Heavy milkers should have more.

One of our correspondents writes that cowpea hay beats clover for cows. Let's have some more letters on this topic. Who is feeding cowpea hay this winter and with what results?

Usual Cause of Foamy Cream.

When the cream will not churn into butter, but foams instead, the trouble is usually due to bacteria which prevents it from souring properly. The only way to remove the trouble is to get rid of the bacteria. R. C. Potts, dairyman of the Oklahoma station, recommends that this be done by thoroughly scalding all utensils used in handling the milk or cream, including the separator (if one is used), cream jars and churn with boiling hot water. Do not attempt to ripen the new cream by adding some of the older cream or buttermilk to it. In other words, boiling hot water, brought in contact with the germ will kill it and by removing all possible source of the contamination of the new cream with the old you will remedy

the trouble—however, if it does not produce proper results it may be that there is an infection within the udder of the cow, in which case it would be necessary to syringe out the udder with some disinfectant. No person should attempt this who does not understand how to use the syringe without infecting the animal.

Breed Cows for Fall Freshening.

[Prize Letter.]

Mr. Editor—Much can be said in favor of both spring and fall freshening of cows but my choice is the fall, about October. At that time of year the cows are in good condition from summer pasture and lactation is free and full. Flies are gone and the cow and calf are not worried. The calf gets a good start before winter and if handled properly will be ready for pasture in the spring without extra feed. Fall freshening also enables me to sell cream when prices are best and the cream is easily taken care of. The slackened period of milk flow comes in the summer during fly time when the best of milkers fall off and when other work is pressing.

Modoc, Kan. H. J. Bundy.

Starting Off the Winter Calf.

Mr. Editor—I prefer to take a calf before it sucks as it is more easily taught to drink then. I begin by feeding it 2 quarts of its mother's milk twice a day, gradually increasing this until I am feeding it 3 quarts by the end of the first week. When 10 days old I begin to put a little corn chop or other grain into the vessel from which the calf has taken the milk. In this way it soon learns to eat. In three weeks I begin mixing in some skim milk, gradually increasing the amount until only skim milk is fed. At the same time I increase the amount of chop and also let it have plenty of hay and water. Under these methods of feeding my calves have grown nicely and I have never had one troubled with scours which is a result of overfeeding.

Okarche, Okla. Mrs. J. M. C.

Strainer Milk Pail and Stool.

[Prize Letter.]

Mr. Editor—This drawing represents my strainer milk pail and stool. The strainer opening is 4 inches across and in covered with a single thickness of cloth. A band of tin fits over the outside and holds it in place. All of this was made at the tin shop. This pail is much handier in pouring milk into the separator than an ordinary bucket and it is also fine for keeping the foam back when pouring the skim milk into the calf's bucket. The seat of the stool is of 2 by 8 and 14 inches long. The legs are 2 by 2's 12 inches long. The platform is made of 1/2-inch boards, 10 inches wide, 28 inches long, and is 3 inches above the ground.

Norwich, Kan. J. A. Crandall.



The Way to Better Cows.

Mr. Editor—By weighing the milk from each cow three times a month, taking a sample, and at the close of the month testing the composite sample, you will know at the end of the year which cows are paying their way and which are living on the profits of the others.

When the fact is appreciated that the average cow's production in this state last year was approximately 100 pounds of butter fat, which does not pay for her keep, the question of increasing the producing power will be given more attention. The use of a purebred dairy sire, if rightly selected, means a profitable herd within four or five years. But right here the gross mistake is made of selecting the sire with the price as the guide rather than pedigree and individuality. Registration of an animal does not guarantee ability. A common practice is the purchase of a bull calf which according to the seller is a purebred but not registered, in other words a grade. You know nothing of the records of such a calf's dam, granddam or great-granddam. We must learn that the cow which will produce \$2.40 worth of product for \$1 worth of feed must replace the cow that returns but 96 cents for each dollar required to keep her.

Colorado station. W. A. Barr.

DE LAVAL CREAM SEPARATORS

Don't Delay Buying One a Single Day Longer

If you are selling cream or making butter and have no separator or are using an inferior machine, you are wasting cream every day you delay the purchase of a DeLaval.

There can only be two real reasons why you should put off buying a De Laval; either you do not really appreciate how great your loss in dollars and cents actually is or else you do not believe the De Laval Cream Separator will make the saving claimed for it.



In either case there is one conclusive answer: "Let the De Laval agent in your locality set up a machine for you on your place and see for yourself what the De Laval will do."

You have nothing to risk and a million other cow owners who have made this test have found they had much to gain.

Don't wait till Spring. Even if you have only two or three cows in milk you can buy a De Laval now and save half its cost by Spring, and you can buy a De Laval machine for cash or on such liberal terms that it will actually pay for itself.

The new 72-page De Laval Dairy Hand Book, in which important dairy questions are ably discussed by the best authorities, is a book that every cow owner should have. Mailed free upon request if you mention this paper. New 1913 De Laval catalog also mailed upon request. Write to nearest office.

THE DE LAVAL SEPARATOR CO.

NEW YORK CHICAGO SAN FRANCISCO SEATTLE

Stannard's Processed Crude Oil Kills Lice and Cures Mange.

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 32 gallon barrels, and sold for \$5.00 per barrel. Why pay \$1.00 per gallon for a dip when you can get the best for less than 10c per gallon? My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$3.50 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address C. A. Stannard, Box M, Emporia, Kan

After a hard day's work

take it easy. Settle down in the big arm chair and smoke a good pipeful of

Velvet

THE SMOOTHEST TOBACCO



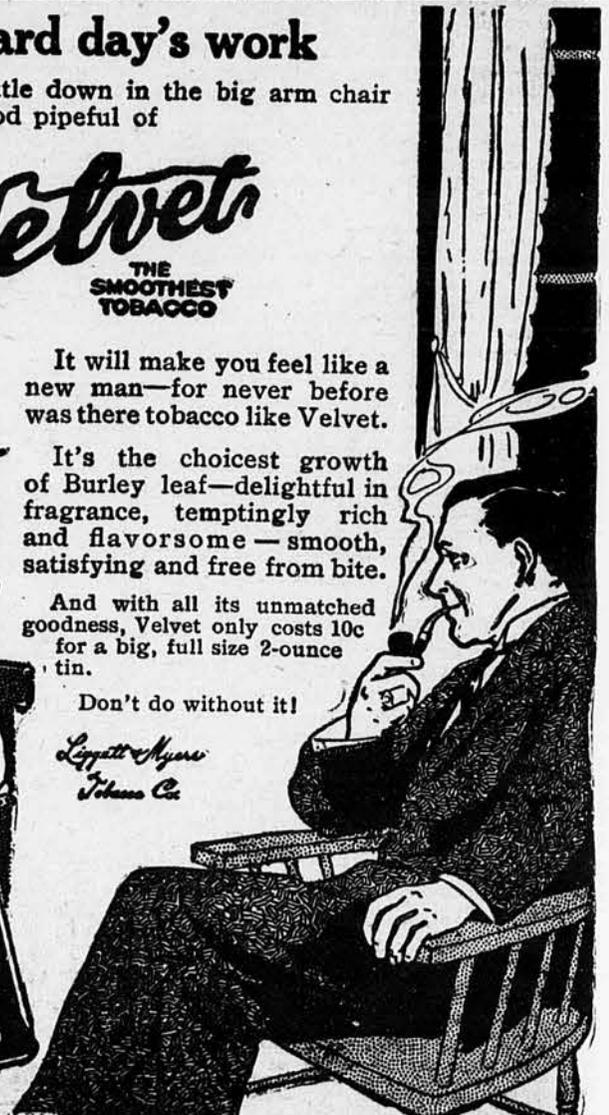
It will make you feel like a new man—for never before was there tobacco like Velvet.

It's the choicest growth of Burley leaf—delightful in fragrance, temptingly rich and flavorful—smooth, satisfying and free from bite.

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THIS OFFER IS NO CATCH. It is a solid proposition to send, on trial, fully guaranteed, a new, well made, easy running separator for \$15.95. Skims hot or cold milk; making heavy or light cream. Designed especially for small dairies, hotels and private families. Different from this picture, which illustrates our large capacity machines. The bowl is a sanitary marvel, easily cleaned. Gears thoroughly protected. Western orders filled from Western points. Whether your dairy is large or small, write us and obtain our handsome free catalog. Address:

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January 11, 1913.



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.

Sand or Cholera?

I had a hog that died with symptoms such as many other hogs around here have had. The hogs show loss of appetite, staggering, reeling of hind parts, and they die in from 10 to 20 days. I lost a second hog and on opening the stomach found about 2 quarts of sand in it. I believe a good many hogs are being lost in this part of the country by eating from the ground and taking sand in with their food.—A. P., Stafford, Kan.

The symptoms you describe point very much to cholera, but if you feel satisfied that this is not the trouble and that it is due to the sand that the animal eats, I would suggest that you put the feed for the hogs in troughs and also give them plenty of salt. Some people have good results from feeding a mixture of lime, charcoal and salt, adding water to the mixture, so as to make a mortar of it and letting the animals lick the hardened mass. If they have cholera, the best thing to do will be to vaccinate them.

Protracted Distemper.

I have a mare, 15 years old, that weighs 1,300 pounds when fat. She was taken sick last spring with what resembled distemper but it did not break nor make her very sick. She then began to fall off in flesh and could not stand one day's work in six. About the middle of June she began to cough and run at the nostrils, and is still in that condition. Although she cannot stand work she still carries her head up. Her cough is most severe after drinking and she always discharges a mass of whitish corruption. She is with foal and I would like to save the colt.—F. L. D., Wann, Okla.

It is possible that your mare has a protracted case of distemper. The pus may be in the guttural pouches so that it collects when the horse holds its head high and as soon as it lowers its head to drink or eat the discharge will come out of the nostrils. If possible, I would suggest that you have a good graduate veterinarian examine the animal. In the meantime you can try the following: One dram of iodine of potash once daily in the feed. Also get one pint of Fowler's solution of arsenic and give 2 table-spoonsful once daily in the feed.

Navel Growth—Diarrhea.

(1) I have a 19-months-old Jersey heifer that has just calved. She is in good condition but there is an enlargement at her navel the size of my two fists. It feels soft.

(2) I also have a mare 8 years old that carries her foal about 8 or 9 months. Until this summer her condition has always been good but she is now run down in flesh and her bowels are very loose. She was bred 6 months ago. What can I do to make her carry her foal full time?—A. H. N., Marshfield, Mo.

(1) The enlargement on the heifer may be a small rupture, an abscess or simply a little swelling the result of an injury. If it is the latter, it will probably disappear in a short time, but it would be necessary to make a careful examination, to see which of the three conditions exist. If it is an abscess, it should be opened, and the pus allowed to discharge, but examine it to feel whether you can find an opening or not, before you cut into it.

(2) Sometimes diarrhea is caused by digestive derangements or nervousness. Have the animal's teeth examined and corrected if necessary, and give a change of feed. Sometimes a mare will lose her colt for a time or two and will then carry it the full time. If the animal has not contagious abortion, I would suggest that you keep her as quiet as possible and avoid undue exertion, or anything that would tend to disturb her.

For an occasional noon lunch for the layers, try some finely chopped alfalfa hay scalded and mixed in a wet mash of bran and corn meal.

PARCELS POST JOBS OPEN.

Thousands of appointments coming. Write Franklin Institute, Dept J 175, Rochester, N. Y., for free list of government positions open to you.—Adv't.

Each a Lucky Car

By R. E. Olds, Designer

In every make an occasional car proves almost trouble-proof. No breakdowns, no repairs.

The man who gets it tells his friends he got a lucky car.

But every buyer of Reo the Fifth gets a lucky car. This is how I insure it.

How I Do It

A lucky car means simply a car built with proper care and caution. I have spent 26 years in learning all that is necessary.

I have all of my steel made to formula. Then every lot is analyzed twice to prove its accord with the formula.

Then the finished parts are tested. In every part I require over-capacity, not less than 50 per cent.

The gears are tested in a crushing machine, to prove that each tooth will stand 75,000 pounds.

Springs are tested in another machine for 100,000 vibrations

Added Cost

I use big tires—34x4—to save you tire expense and trouble. This year, by adding 30 per cent to my tire cost, I have added 65 per cent to the average tire mileage.

I use in this car 190 drop forgings,

to avoid all hidden flaws. Steel castings would cost half as much.

I use 15 roller bearings—11 of them Timken, 4 Hyatt High Duty. The usual ball bearings cost one-fifth as much, but ball bearings often break.

I use a \$75 magneto to save ignition troubles.

I doubly heat my carburetor—with hot air and hot water—to deal with low-grade gasoline.

I use a centrifugal pump, instead of a syphon, to insure positive circulation.

I use 14-inch brake drums for safety. Also seven-leaf springs, two inches wide.

1,000 Tests

The various parts of this car, during the making, get a thousand tests and inspections.

Each engine, for instance, is tested 48 hours—20 hours on blocks, 28 hours in the chassis.

Fitted parts are ground over and over, until we get utter exactness.

Each body is finished with 17 coats. It is deeply upholstered with genuine leather, filled with the best curled hair.

The electric dash lights are set flush with the dashboard. Thus the car's appearance shows the care we use.

Center Control

No other car has such easy control as you find in this Reo the Fifth.

All the gear shifting is done by moving a handle only three inches in each of four directions.

Both brakes are operated by foot pedals. So the car has no levers, either side or center, to clog the way in front.

You get in this car the wanted left side drive. The driver sits close to the cars he passes. Yet you shift the gears with your right hand, just as with the old right hand drive.

Costs Me \$200 Per Car

Reo the Fifth, without these precautions, could be easily built for \$200 less. For the first few months you might not know the difference. But in years to come this skimping might cost you several times \$200.

I know this well, for I have built cars for 26 years—over 60,000 of them. I know the cause of troubles.

I save this \$200 per car by building only one model, by building all my

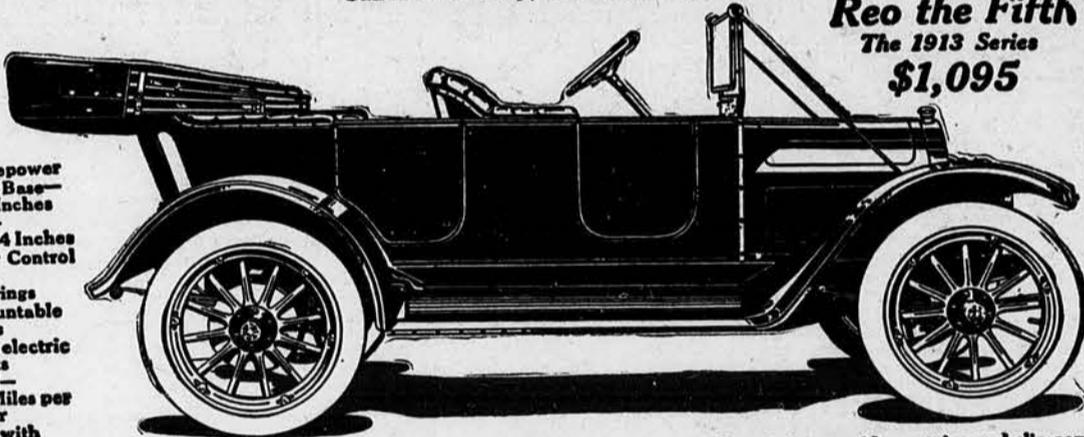
own parts, by wonderful factory efficiency. And I put that saving into these extremes, to save you after-cost.

If you think that it pays to have a car like this, ask us to send you the details.

Our thousand dealers now are showing the 1913 model of Reo the Fifth. Write for our catalog and we will tell you where to see the car.

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Canadian Factory, St. Catharines, Ont.

Reo the Fifth
The 1913 Series
\$1,095



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Top and windshield not included in price. We equip this car with mohair top, side curtains and slip cover, windshield, gas tank for headlights, speedometer, self-starter, extra rim and brackets—all for \$100 extra (list price \$170).

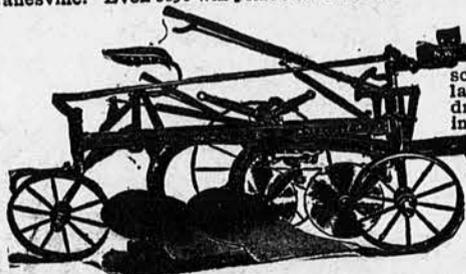
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FOR five years Janesville Plows have beaten all comers in farmers' own contests open to any plow made in America—at Big Rock and Wheatland, Ill. They have gained the undisputed title of Champions! Last September they won 16 out of 21 prizes including sweepstakes for the 6th consecutive year! They can't make a plow to equal the Janesville because all Janesville features are patented!

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Don't you want the plow that beats all others in fair competition—in contests promoted by farmers—open only to farmers with their own plows? Don't you want the plow that wins year after year? Get a Janesville and be in the championship class—plow perfect furrows in less time at less cost! It's the Janesville! Even boys win prizes with the Janesville!

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We also make the famous Janesville Walking Plows, Riding or Walking Cultivators, Disk Cultivators, Disk Harrows, Corn Planters. Books Free. Address postal or letter to **THE JANESVILLE MACHINE CO., 42 Center St., Janesville, Wis.**

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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.

Prune in winter for wood and in June for fruit.

A good place for wood ashes is around the pear trees.

Wrapping young trees with cornstalks, building paper, etc., as a protection against rabbits is better than to apply a wash.

Unless the garden is on high ground it will be time well spent to put in a few drainage ditches and so have an earlier garden.

"When the days begin to lengthen the cold begins to strengthen," and it will be a good plan now to put another coat of earth over the vegetable pits.

Stratify Peach Seeds for Planting.

Mr. Editor—Peach seeds have such a hard seed case that they will not germinate readily if planted in the spring, without any previous treatment. The most common way of treating such seed, where not planted in the fall, is to stratify them and expose them to the weather during the winter. This is done by taking a box, with holes in the bottom, putting in a layer of sand, a layer of seed, and so on until the box is full. Place the box on the north side of a building under the drip of the eaves where it will be subject to alternating freezes and thaws of winter. In case of lack of moisture, water should be applied in order to keep the sand moist.

This treatment will preserve the seed and soften the seed case so germination will take place when planted in early spring.

D. C. Mooring.
Oklahoma Agricultural College.

Use some vigorous and thick growing crop to crowd out weeds. For this purpose sorghum, clover, or millet is good. Give thorough and clean cultivation for corn. Cultivate as long as the corn crop will permit.

As far as possible plow small grain crops and corn fields in the fall. This will destroy many annuals whose seeds germinate in the fall; especially valuable for winter annuals like shepherd's purse and peppergrass.

Use iron sulphate for annual weeds like mustard, ragweed and smartweed.

See that all weeds in waste places are removed. This will prevent their spread to cultivated fields.

Sonderegger

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A Big Crop of Potatoes Resulted.

[Prize Letter.]

Mr. Editor—In October, 1911, I covered about 1/3 acre of land with from 1 to 3 inches of manure and plowed it under about 8 inches deep. Last spring (1912) I double disked this land and plowed about 1/2 acre right beside it to a depth of about 8 inches. Both pieces were planted to Early Ohio potatoes on the same day. The potatoes on the fall plowing came up first and never stopped growing, although the last week in May and first two weeks in June were dry. I dug them and they yielded at the rate of 400 bushels per acre of large, smooth potatoes. The crop on spring plowing stopped growing during the dry weather and when it rained a lot of small potatoes formed on the others that had sets on. This piece of ground yielded at the rate of 150 bushels per acre and the potatoes were small and inferior. Both patches had the same identical care, so that nothing could have caused the difference in yield and quality but the manuring and fall plowing.

J. C. Love.
Seibert, Colo.

Ten Ways to Beat Weeds

L. H. PAMMEL,
Iowa Experiment Station.

Allow no seeds to form because a continuous crop of weeds will appear when the soil is brought under cultivation.

Always buy the best seed. See that such weed seeds as dodder, buckhorn, dock, Canada thistle, chicory, carrot, and other weeds are not sown with clover and other seeds.

Practice rotation of crops. In this rotation clover should occur, because a thickly grown clover crop crowds out weeds. A pasture, in many cases, is good to reduce the number of weeds.

Use due care with the threshing machine. See that the machine is always cleaned when passing from one farm to another. Quack grass, mustard seeds are often carried from one farm to another.

Use care in transplanting hay, grain, straw and manure from one farm to another, or from the city to the farm. Weeds are frequently carried in this way.

Got a Buggy For a Corn Prize

Boys seem to make the best corn growers. A boy's enthusiasm and willingness to accept new methods probably has something to do with it. Clem and Clyde Hayes of Miami county, Kansas, twin sons of Mr. and Mrs. E. W. Hays of Route 1, Osawatimie, Kan., are two lads who have demonstrated this fact anew in the recent corn contest held in Miami county. They are 15 years old but their youth did not keep them from winning first place, carrying with it a new buggy valued at \$85 given by the Lowe Implement company of Paola. This prize was offered for the best bushel of seed corn exhibited, with both men and boys in all parts of the county, competing. The day before the contest the boys took their corn from the pegs but found they lacked nine ears of making a full bushel. Everything else was dropped and they spent the rest of the day hunting for those nine ears, husking 30 bushels of corn before they were satisfied they had found them.

A few years hence we presume the boys will have to flip a coin or pull straws to decide which one is to use the buggy on Sunday evenings.

A State Information Bureau

In a letter to Farmers Mail and Breeze, James L. King, state librarian of Kansas says that any citizen of Kansas may feel free to make use of the privileges afforded by the state library in the capitol building at Topeka. A special department of public information is maintained at the library and any Kansan seeking information in regard to civil government, public utilities, education, banking, insurance, taxation, or any topic of current interest may write the state librarian for such information or references as the library affords. There is no charge for this service. Personal visits as well as communications are welcomed.

Another department, the state traveling library commission, supplies a collection of books for a limited time to any responsible organization such as granges, farmers' institutes, literary societies, clubs, etc. For further particulars concerning the work of this department, write to the secretary of Kansas Traveling Library Commission, Topeka, Kan.

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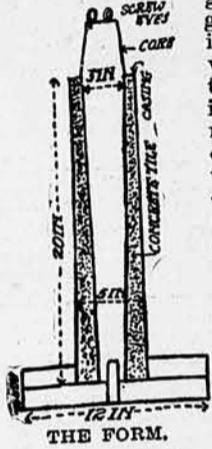
Subirrigating a Small Field

BY L. H. COBB.

(Written for Farmers Mail and Breeze.)

Mr. Cobb tells how he successfully sub-irrigated a small field with cement tiling which he made himself. His description of the whole process is so plain that I think any interested reader of Farmers Mail and Breeze can duplicate the work and reap the same benefits.—Editor.

The plan of subirrigation which I describe has been tested and not found wanting, either in practicability or cheapness of installation. The increase such an irrigation system would give in one year's crop in a drouthy season, would pay the entire cost of putting in. Tile can be bought ready to lay, or you can buy a machine to make them, but cement tiles can be made at home that are as good as the best and that require no expensive machinery.

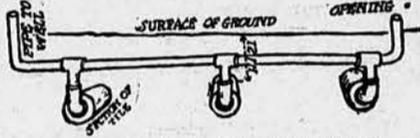


The first drawing shows a cross section of the form I use, filled with concrete. The core is made from a piece of 1/2 by 4, 2 feet long which I planed to a round stick 3 inches in diameter. The stick was then marked 4 inches from one end and from that point planed down to 2 inches at each end. A 1/8-inch hole was bored in the center of the lower end in which to insert a peg to hold the core

in place in the form. Two screw eyes were put into the other end.

Form Made of Sheetiron.

The base is made of two pieces of inch board, each a foot square. The lower one has a hole in the exact center for the peg from the core and the upper one has a 5-inch hole cut in the center for the form. The boards are nailed together with the grains crossed to prevent warping. The form is made of a sheet of galvanized iron cut 16 by 20 inches and rolled by the tinner into a tube 5 inches in diameter. The edges are loose but



PIPE SYSTEM TO FILL TILE.

overlap a little and wires about them keep them from spreading. A funnel for the form will make an easier job of filling it. Soak all the wooden parts with oil before using to keep them from swelling and warping. The more of these sets of forms you make the faster the tiling can be turned out.

Making the Tiles.

The tile should remain in the casing at least one day, and I prefer two, as concrete that dries too fast becomes chalky. One core is enough for 8 or 10 casings and about half as many bases. For materials I prefer sand and cinders as the tile made from them are light, strong and very porous. All ashes should be sifted from the cinders and it is well to run the cinders through a 3/4-inch screen as they should not be larger than that size. I have also used sand and rock, but prefer the sand and cinders.

I use 1 part cement, 3 parts sand, and 5 or 6 parts cinders, mixing the cement and sand first, then adding the cinders and mixing thoroughly. Put in water until the mixture will almost flow. You will have to experiment to get the amount of water just right. When made right a very little tamping will settle it compactly in the forms. Level the top off nicely when full. After setting for from 2 hours to half a day the cores may be removed. Loosen by striking a light blow at the top or by turning slightly with a small rod put through the screw eyes. When removing from bases, lift tile, casing and all and set them off on level ground still upright. Remove the casing by loosening the wires and let the tile stand a week longer before piling them. The tile should not be handled much until they have dried for a month.

How Tiles Are Laid.

To prepare the ground for the tile find the highest point in the tract and lay the first line of tile across this point in the direction of the least fall, or on the ridge. All tile should be laid perfectly level and the depth in the ground should not vary more than 4 inches. (Don't mistake this for depth to lay tile.) Run the rest of the lines as nearly parallel to the first as possible and lay them straight if it can be done as all that is necessary to form a joint in a straight line will be to lay the tile close together end for end, then cover with cinders or broken rock to keep out dirt. Lines should be laid from 4 to 10 feet apart depending on texture of soil and slope of land. A loose soil needs fewer lines than a compact soil.

The field that is easiest to irrigate in this way is one having a gentle slope but the tile can be laid in almost any plot, even around a knoll, and on any grade. Second hand gas pipe may be used to conduct the water to the lines of tile. Lay this feed pipe in the ground along one end of the lines but about 6 inches above them. Have a "tee" in this pipe at the opening of each line and insert a piece of 6-inch pipe in this with an elbow at the lower end to be put in the tile opening. The water will fill each tile in succession and when all are full it will run out at the lower end of the feed pipe. Water should not be forced into the tile as this will cause washing and trouble.

Keep Soil Cultivated.

Always keep the soil well cultivated to admit air and keep the moisture from evaporating, and do this especially soon after a rain. Crops in a garden irrigated in this way will grow rapidly and dry spells will not injure them. One good feature about this system is that so much less water is needed than in surface irrigation. Basehor, Kan.

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The corn is a large pure white, deep grain, matures in less than 100 days and is an extra heavy yielder. I believe this to be the greatest opportunity ever presented for the readers of my paper to make a record increase in the quality and yield of future corn crops. The way to improve the corn crop is by the use of high-bred seed—and here is seed which I believe cannot be equaled by any other, no matter what the price. A few pounds of this seed should bring enough fine quality seed to plant your entire acreage next year.

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Onion Seed



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Write for FREE SAMPLES of our new crop onion seed; lowest wholesale prices, and Free Leaflet on onion culture. Catalog Free. All kinds of garden seeds at wholesale prices and freight prepaid.
Henry Field Seed Co., Box 60, Shenandoah, Iowa.

1913 ART CALENDAR FREE

It will send a handsome 1913 P. C. art calendar in 8 colors and gold, and a big assortment of Easter and other post card novelties for 4c postage if you will show my cards to 6 friends.
D. O. Fogelsonger, 233 South 5th St., Philadelphia, Pa.

Reliable Poultry Breeders**PLYMOUTH ROCKS.**

BARRED ROCK cockerels \$1 each. Mrs. J. W. Harris, Mayetta, Kan.

BUFF ROCKS—Weighers, layers, payers. Mrs. Lloyd Clark, Hazelton, Kan.

PURE WHITE ROCK cockerels for sale cheap. V. L. Mader, Collyer, Kan.

BUFF ROCK cockerels and pullets for sale. William A. Hess, Humboldt, Kan.

EXTRA CHOICE White Rock cockerels and pullets. D. J. Ward, Severance, Kan.

CHOICE BARRED ROCK cockerels. Write for prices. Mrs. Wm. Sluyter, Jewell, Kan.

BUFF ROCK cockerels for sale. Mrs. Peiry Myers, Fredonia, Kan., Rt. No. 3.

BARRED ROCKS. Extra fine early cockerels \$1 and \$2. Mrs. Ernest Rowe, Jewell, Kan.

WHITE ROCKS. Extra good cockerels \$1.50 each. Mrs. E. E. Williams, Sabetha, Kan.

BARRED ROCK cockerels. Fine ones \$3.00 each, 2 for \$5.00. Alvis Bell, Larned, Kan.

U. R. FISHEL strain White Rock cockerels \$1.00 each. Ralph I. Reed, Homewood, Kan.

PURE, FINE BARRED ROCK cockerels; early birds; \$1.00. Mrs. G. P. Field, Randall, Kan.

PURE BRED Buff and White Plymouth Rock cockerels \$1.50 each. Emery Small, Wilson, Kan.

BUFF ROCK cockerels, high scoring. \$4. Not scored \$2. Herbert H. Smith, Smith Center, Kan.

BARRED ROCK cockerels. Big type. High scoring stock. Prices reasonable. J. A. Reed, Belleville, Kan.

PURE BRED WHITE ROCKS. Beauties. Fine cockerels \$3.00 each. Mrs. Elmer Lane, Burlington, Kan.

FINE, large, high scoring White Rock cockerels \$2.00. Mrs. Hoornbeek, Winfield, Kan., Route No. 3.

WEIGHER-LAYER Barred Rocks. 96 premiums. Early birds \$2.00 up. W. C. Opfer, Clay Center, Kan.

FOR GOOD BARRED ROCKS, either sex, write to Frank McCormick, Morrowville, Kan., Route No. 3, Box 12.

LARGE, early hatched, fine styled and well barred Plymouth Rock cockerels. Priced to sell. Geo. Bingham, Bradford, Kan.

600 BARRED ROCKS. Both matings. Bred from first prize winners. They will suit you. A. D. Murphy & Son, Essex, Iowa.

BARRED ROCK cockerels. 30 large type birds as good as the best. Will sell at \$1.50 and \$2 each. F. H. Butler, Fellsburg, Kan.

PURE White Plymouth Rocks. Cockerels, large, fine shape, bay eyes. Write for particulars. H. F. Leonard, Girard, Kan., R. No. 7.

BARRED ROCK cockerels, best strains, well grown, \$1 to \$2 each. We strive to please. Write your wants today. D. N. Hill, Lyons, Kan.

TWO BREEDS. Barred and White Plymouth Rock cockerels and pullets from prize winners. Write for prices. Henry Hicks, Cambridge, Kan.

LARGE BARRED ROCK cockerels \$1.50, 4 for \$5.00. Scored birds \$2.00. Won 56 premiums at 9 shows. Mrs. A. M. Markley, Mound City, Kan.

PURE BRED BARRED ROCKS. 50 choice cockerels \$2.00. Pullets \$1.50. Ringlet laying strain; vigorous; farm raised. Mrs. P. A. Pettis, Wathena, Kan.

WHITE ROCKS—Another fine lot of large, farm grown cockerels proving to be winners, for sale \$2.00 each; a few cocks \$1.50 each. Frank Lott, Danville, Kan.

BIG TYPE BARRED ROCKS. Choice breeding pens, four pullets and cockerel, \$10. Laying pullets \$1.50 each. Write your wants. A. H. Duff, Larned, Kan.

BARRED ROCKS. Bred for beauty and profit. 64 premiums, Topeka, Manhattan, Clay Center. Cockerels \$3.00 and up. Mrs. D. M. Gillespie, Clay Center, Kan.

RHODE ISLAND REDS.

GOOD R. C. RED cockerels \$2. Mrs. B. F. Weigle, Winfield, Kan.

FINE S. C. Rhode Island Reds \$1 each. John Russell, Altoona, Kan.

SINGLE COMB R. I. REDS. Cockerels. J. L. Carmean, Neosho Falls, Kan.

ROSE COMB REDS. Satisfaction guaranteed. C. Wheeler, Argonia, Kan.

PURE S. C. RED cockerels, fine color, type, and markings, \$1.00 each. Mrs. W. L. Maddox, Hazelton, Kan.

ROSE COMB REDS. A few choice cockerels for sale at one dollar each. Mrs. Jas. Shoemaker, Narka, Kan.

LARGE, brilliant, Rose Comb Red cockerels from scored stock \$1.50 to \$2.00. Mrs. G. C. Talbot, R. 4, Onaga, Kan.

BIG BONED Single Comb Reds, deep red, long back, red eyes, scored, \$5 each. Guaranteed. Lela Osterfoss, Hedrick, Iowa.

FOR SALE—Several true to color full blooded Rhode Island Red cockerels. Inquire of Mrs. Josie L. Parks, Tyro, Kan.

RHODE ISLAND RED cockerels and pullets. Both combs. \$1 to \$3. Emma Wilson, Topeka, Kan., Route No. 8. Phone 3104, F. 4.

Reliable Poultry Breeders**RHODE ISLAND REDS.**

THOROUGHbred Red cockerels, both combs, good type, fine color and markings. \$1 to \$5. T. N. Marshall, La Cygne, Kan.

SINGLE COMB RHODE ISLAND RED cockerels for sale. Blue Ribbon strain. C. W. Murphy, 1750 Mass. St., Lawrence, Kan.

RHODE ISLAND REDS—Males and females in both combs at low prices. Winners at state show. Write your wants today. A. M. Butler, Wichita, Kan.

SINGLE AND ROSE COMB Rhode Island Red cockerels, hens and pullets from best laying and richest colored strains in this country, \$1, \$2 and \$3. Col. Warren Russell, Odessa Farm, Winfield, Kan.

TURKEYS.

FOR SALE—Bourbon Red turkeys. L. T. Cox, Alva, Okla.

BOURBON RED turkeys. Ann M. Barker, Whitewater, Kan.

BOURBON RED gobblers, thoroughbred. Fay Eyr, Turon, Kan.

WHITE HOLLAND turkeys. Wm. Spealman, Marysville, Kan.

THOROUGHbred Bourbon Red turkeys. Mrs. J. L. Miller, Eureka, Kan.

PURE White Holland turkey hens, \$2.50 each. Frank Darst, Fredonia, Kan.

BOURBON RED—Few trios. Not related. \$10. Mrs. P. D. Briggs, Sedan, Kan.

FOR SALE—Mammoth Bronze turkeys. A. D. Morrison, Route 2, Iola, Kan.

PURE BRED Mammoth Bronze turkeys; large. Mrs. Lloyd Clark, Hazelton, Kan.

BOURBON RED turkeys for sale. Miss Josie Johnson, Eureka, Kan., Rt. No. 4.

BOURBON RED turkeys, good color. \$3 and \$4. Mrs. M. A. Ray, Wilmore, Kan.

MAMMOTH BRONZE turkeys, toms \$5.00, hens \$3.50. H. A. Sandborn, Detroit, Kan.

BOURBON RED turkeys. Toms \$3.50, hens \$3.00. Mrs. George Sewart, Hollis, Kan.

MAMMOTH BRONZE fine toms. Weight 28 lbs., \$6.00. Stella Snider, Piedmont, Kan.

BOURBON RED turkeys from prize winning stock. Mrs. Walter Dixon, Severy, Kan.

THOROUGHbred Mammoth Bronze Turkeys, Toms \$5.00, hens \$3.50. C. E. Foland, Almena, Kans.

PURE WHITE HOLLAND turkeys; the best. Write Julia Westphal, Kinsley, Kan., Rest Haven Farm.

MAMMOTH BRONZE turkeys. Toms \$5 and \$7. Satisfaction guaranteed. Mrs. W. S. Reece, Lucas, Kan.

PURE BOURBON RED turkeys and S. C. Buff Orpington cocks for sale. Miss Mathilda Peterson, Simpson, Kan.

MAMMOTH BRONZE toms over twenty lbs., well marked \$4. Hens \$2. Herbert H. Smith, Smith Center, Kan.

PURE BRED Bourbon Red turkeys for sale. Hens \$3 each. Toms \$4. Are related. Mrs. H. A. Vorens, Windom, Kan.

PURE BOURBON RED turkeys. Unrelated trios. Also white Holland toms. \$4.00, hens \$3.00. Mrs. Will Jones, Wetmore, Kan.

BOURBON RED turkeys, Partridge Rock, Buff and White Orpington chickens. Indian Runner ducks. Eggs season. A. M. Farmer, Pratt, Kan.

THOROUGHbred Mammoth Bronze turkeys. Toms 25 to 30 pounds \$5. Hens 15 to 18 pounds \$3. White edging a specialty. Mrs. Ben Snider, Piedmont, Kan.

ORPINGTONS.

S. C. BUFF ORPINGTON cockerels \$1.00 each. Mr. V. Laws, Melvern, Kan.

HIGH SCORING Buff Orpington cockerels. A. R. Carpenter, Council Grove, Kan.

BUFF ORPINGTON cockerels. Send for prices. Mrs. T. N. Beckey, Linwood, Kan.

S. C. BUFF ORPINGTON eggs from prize winners for hatching. Mrs. E. C. Eckart, Humboldt, Kan.

SINGLE COMB White and Black Orpington cockerels and pullets. J. L. Carmean, Neosho Falls, Kan.

BUFF ORPINGTON cockerels \$1 to \$1.50 each. Eggs in season \$1 a setting. M. M. Axtell, Sawyer, Kan.

FOR SALE—Crystal White Orpingtons, Kellerstrass strain, some fine birds. Reasonable. C. S. Embree, Wilmore, Kan.

ORPINGTONS, Buff, Black, White. Fine stock, reasonable prices. Satisfaction guaranteed. J. S. Walker, Joplin, Mo., Box 507.

S. C. BUFF ORPINGTONS. A choice lot of cockerels for sale from \$1 to \$5 each. I can please you. Aug. Petersen, Churdan, Iowa.

CHOICE Black Orpington cockerels. English strain; also one or two pens of fine mating. Mrs. Ira S. Brothers, Saxman, Kan.

S. C. BUFF ORPINGTON cockerels, from high grade laying and exhibition strain. Live and let live prices. \$3.00 up. G. E. Hutchison, Lincoln, Kan.

BUFF ORPINGTONS. Utility and high scoring show for sale cheap if taken at once. Satisfaction guaranteed or money refunded. Pleasant Hill Poultry Farm, Ellinwood, Kan.

Reliable Poultry Breeders**LEGHORNS.**

FINE S. C. W. LEGHORN cockerels and pullets \$1. Geo. Patterson, Melvern, Kan.

PURE SINGLE C. W. LEGHORN cockerels and hens. J. R. Haywood, Hope, Kan.

PURE Rose Comb Brown Leghorn cockerels \$1.00 each. Tillie Wilkins, Miltonvale, Kan.

THOROUGHbred Buff Leghorn cockerels \$1 to \$3. Mrs. Frank Wempe, Frankfort, Kan.

ROSE COMB BROWN LEGHORN cockerels \$1.00 and up. Horace Etherton, Troy, Kan.

ROSE COMB BROWN LEGHORN cockerels cheap if taken soon. P. I. McEchron, Princeton, Kan.

A FEW S. C. Brown Leghorn cockerels \$1 each for sale. E. H. Blangeres, R. No. 4, No. Topeka, Kan.

SINGLE COMB BROWN LEGHORN cockerels \$1 each. Order soon. Sophia Hunt, Route 1, Blue Rapids, Kan.

FORTY Single Comb White Leghorn cockerels \$1.00 up, according to quality. R. E. Davis, Holton, Kan., Rt. No. 5.

SINGLE COMB WHITE LEGHORN cockerels and hens. Good layers. Wyckoff strain. Mrs. Lydia Fuller, Clyde, Kan.

FIVE PENS White Orpingtons. Eggs \$2.50 and \$5.00. Six cockerels \$2.00 and \$5.00 each. Herman Thompson, Galva, Kan.

SINGLE OR ROSE COMB Brown Leghorns for Utility, Show or Breeding Cockerels. Address The Ideal Stock Farm, Kiel, Okla.

CHOICE Single Comb Buff Leghorns. Cockerels \$1.00 and \$2.00. Prize winning stock. Eggs \$5 per 100. Chas. M. Childs, Pittsburg, Kan., Route 3.

200 SINGLE COMB BROWN LEGHORN cockerels and pullets. Can furnish utility or show birds cheap if taken at once. G. F. Koch, Jr., Ellinwood, Kan.

COCKERELS. S. C. White and Brown Leghorns and R. C. Reds \$1.50 up. White and Brown Leghorn pullets \$1.00. Satisfaction guaranteed. Write Prosperity Poultry Farm, Barnes, Kan.

TWO HUNDRED Single Comb White Leghorn cockerels and pullets for sale. Laying strain. One and two dollars. Forty ribbons won this year at five leading shows. Order direct. R. W. Bradshaw, Ellsworth, Kan.

S. C. WHITE LEGHORN blue ribbon winning stock. Cockerels and hens 75c to \$1.00. Eggs \$1.00 per 15; \$5.00 hundred. Baby chicks 12c. Brown Leghorn hens 50c to 75c. Mrs. Flora M. Smith, Amorita, Okla., R. 2.

SINGLE COMB WHITE LEGHORNS, ten years trap-nest bred for egg production; silver cup winners at Kansas City shows; utility hens, cockerels, pullets, \$1.50. Winners for any show; catalogue free. Ackerman Leghorn Farm, R. No. 5, Rosedale Station, Kansas City, Kan.

WYANDOTTES.

WHITE WYANDOTTES, 80c to \$1.50. Mrs. E. S. Louk, Michigan Valley, Kan.

WE HAVE fine Silver Wyandottes for sale. H. L. Brunner, Newton, Kan., Rt. No. 5.

WHITE WYANDOTE cockerels \$1.00 and up. Mrs. M. E. Johnson, Humboldt, Kan.

WHITE WYANDOTE cockerels \$1.00 each. Mrs. L. D. Arnold, Manhattan, Kan.

WHITE WYANDOTE cockerels one dollar each. Mrs. J. H. Willig, Zeandale, Kan.

GOLDEN WYANDOTE cockerels from prize winning stock. M. M. Donges, Belleville, Kan.

WHITE WYANDOTTES. Selling out, half price. Write Mrs. Howard Erhart, Independence, Kan.

SILVER LACED WYANDOTE cockerels for sale. Write for prices. Mattie Johnston, Grantville, Kan.

SILVER WYANDOTTES, cockerels. Fine birds \$1.00 to \$1.50. Mrs. W. R. Stump, Blue Rapids, Kan.

WHITE WYANDOTE cockerels \$1.50 up to \$5.00 each. Mrs. Geo. Downie, Lyndon, Kan., Route No. 2.

FOR SALE—Silver Laced Wyandotte cockerels from \$1 to \$3 each. Henry Blase, Sylvan Grove, Kan.

PURE BRED Rose Comb Silver Laced Wyandottes. Cockerels \$1.00 each. Guy Barnes, Milton, Kan.

WHITE WYANDOTE cockerels. White Holland tom and Indian Runner drakes. Write Andrew Kosar, Glasco, Kan.

WHITE WYANDOTE cockerels. Bargain prices. Quality and satisfaction guaranteed. Mrs. L. J. Fulk, Winfield, Kan.

SILVER WYANDOTE cockerels \$1.00 to \$2.50 each. Any bird may be returned if not as represented. H. A. Dressler, Lebo, Kan.

MICHIGAN STRAIN Rose Comb White Wyandotte cockerels. \$1.50 each. Excellent stock. Cyrus F. Jones, Oskaloosa, Kan.

GOLDEN WYANDOTTES—Winners at Dalhart, Texas. Liberal and Pratt, Kansas. Cockerels for sale. F. O. Rindom, Liberal, Kan.

WHITE Rose Combed Wyandotte chickens for sale. These are good ones from the Berry strain. Write for prices. Mrs. I. N. Chilcott, Mankato, Kan.

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.

Reliable Poultry Breeders**DUCKS.**

FINE INDIAN RUNNER drakes and Ancona cockerels. W. W. Wright, Bronson, Kan.

INDIAN RUNNERS. Some very nice drakes \$1.00 to \$2.00 each. Effie Hill, Achilles, Kan.

GERTRUDE GEER'S Gold Nugget strain Buff Orpingtons. Cockerels and pullets. Winfield, Kan.

INDIAN RUNNER ducks. Topeka fair winners. Satisfaction guaranteed. Burt White, Burlingame, Kan.

THOROUGHbred Indian Runner ducks and drakes. \$1.00 each. Eggs in season. Mrs. Ala Sewart, Hollis, Kan.

INDIAN RUNNERS—American Standard—White egg strain. Drakes at reduced price. Going to move; must close out quick. R. J. Shirk, Ramona, Kan.

LANGSHANS.

PURE BRED White Langshan cockerels \$1.00 and up. Wm. Wischmeier, Mayetta, Kan.

BLACK LANGSHAN cockerels, one to three dollars each. Mary McCaul, Elk City, Kan.

PURE BRED White Langshans, hens, pullets, cockerels, eggs. Mrs. Geo. McLain, Lane, Kan.

SEVERAL VARIETIES.

FINE HOUDAN cockerels \$1.75. Mrs. J. A. Smith, Olsburg, Kan.

ANCONA cockerels for sale. Ed Blocker, Seneca, Kan., R. No. 2.

ROSE COMB BLACK MINORCA cockerels. \$1.50 each. Roy Walters, Frizell, Kan.

ROSE COMB REDS, Silver Laced Wyandottes \$1.00. Mrs. Ola Elliott, Delphos, Kan.

SINGLE COMB BLACK MINORCAS. Guaranteed to satisfy. H. K. Rowland, Hanover, Kan.

BEAUTIFUL Spangled Hamburgs, White Leghorns, both combs. Stella Snider, Piedmont, Kan.

ROSE COMB Silver Spangled Hamburg cockerels and pullets. J. L. Carmean, Neosho Falls, Kan.

MOTTLED ANCONAS, all kinds. Extra fine lot cockerels. Farmer's Friend Poultry Yds., Renick, Mo.

S. C. BLACK ORPINGTONS, White Plymouth Rocks. Thoroughbred stock. Mrs. Jas. Cumming, Adair, Okla.

CHOICE Single Comb Brown Leghorn and Buff Orpington chicks, and hens \$1 to \$5. Mrs. Mattie Story, Cleo, Okla.

SINGLE COMB BROWN LEGHORNS, Bronze turkeys. Satisfaction guaranteed. Chas. Lorenz, Hitchcock, Okla.

KANSAS POULTRY FARMS, Emporia, Kansas. Rocks, Leghorns, Wyandottes, Orpingtons, Reds, Langshans, Minorcas, etc. \$1.00.

INDIAN RUNNER drakes, Barred Rock and White Cochon Bantam cockerels. Eggs in season. Harry E. Duncan, Humboldt, Kan.

48 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guinea, Incubators, Dogs. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

INDIAN RUNNER ducks. American Standard. Also S. C. W. Leghorn cockerels. For particulars address Geo. E. Martin, Sharon, Kan.

DARK CORNISH INDIAN GAMES. Twenty-five cockerels for sale. \$1.25 each. Send money with first letter. J. P. Bridges, Douglass, Kan.

LIGHT BRAHMAS, White Wyandottes, Reds, both combs. Bronze and Bourbon turkeys. Stock and eggs. Emma Ahlstedt, Roxbury, Kan.

BARRED ROCKS, White Leghorns, Pekin ducks, Embden geese, Bronze turkeys. The great utility birds and lots of them. Mrs. John Steele & Son, Chillicothe, Mo.

SUNNY DELL FARM Bourbon Red toms \$4.00, hens \$3.00. Single Comb R. I. Red cockerels \$1.00. Extra fine stock. Satisfaction guaranteed. Mrs. T. I. Wooddall, Fall River, Kan.

FINE LEGHORN cockerels and young Bronze toms. Also White Orpington cockerels. Leghorns \$1.00. Orpingtons \$2.00. Toms \$5.00. Bred to lay. August Armbruster, Route No. 3, Salina, Kan.

W. F. HOLCOMB. Address Mgr., Nebraska Poultry Co., Clay Center, Nebraska.

BARRED ROCK COCKERELS

Hatched from prize winners and special mated pens. Large, vigorous fellows, splendid markings. Prices \$2 up. Describe wants. C. C. Lindamood, Walton, Harvey Co., Kan.

TURKEY BARGAINS

500 M. Bronze, 300 White Holland, 200 Bourbon Red, also several thousand cockerels of Standard Poultry. Write for descriptive Poultry Book for 1913. Write Henry File, Box 64, Freeport, Ill.

W. F. HOLCOMB. Address Mgr., Nebraska Poultry Co., Clay Center, Nebraska.

PFILE'S 65 Varieties

Land and Water Fowls. Farm-raised stock, with eggs in season. Send 2c for my valuable illustrated descriptive Poultry Book for 1913. Write Henry File, Box 64, Freeport, Ill.

W. F. HOLCOMB. Address Mgr., Nebraska Poultry Co., Clay Center, Nebraska.

PFILE'S 65 Varieties

Land and Water Fowls. Farm-raised stock, with eggs in season. Send 2c for my valuable illustrated descriptive Poultry Book for 1913. Write Henry File, Box 64, Freeport, Ill.

W. F. HOLCOMB. Address Mgr

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.

Time to dust off the incubator. Don't miss the chicken shows within reach. They are educators.

Exercise is a better laying stimulant than heat-producing condiments.

Whatever your scheme of ventilation in the poultry house, let no drafts reach the roosts.

People who say that chicken keeping on the farm doesn't pay are usually those who do not pay enough attention to the chickens.

Mix enough sulphur with lard to make a thick salve. For roup give fowls 1-3 teaspoonful and grease head and throat with the mixture. Repeat if necessary. Mrs. E. E. Scroggs, Warrensburg, Mo.

As a winter feed for eggs I give wheat and oats mixed as a morning feed, oats

How to Prevent Roup

Dear Sir: Last winter I had 150 hens with the Roup and had lost 27 when I saw Walker's Walko Remedy recommended for this disease. I sent 50c (M. O.) to the Walker Remedy Co., L. 22, Lamoni, Iowa, for a box, postpaid, and will say that it cured all that had the Roup and has kept the disease away ever since. I never had hens do better than last winter, and everyone knows what an awful hard winter it was on chickens. They have been healthier and have laid better ever since using this medicine.

Mrs. Henry Farmer, Jerseyville, Ill.—Advt.

The Farmers Mail and Breeze Poultry Special Will Be the Issue of Feb. 1

It is the greatest issue of its kind in the country, and this time it will be finer than ever. It comes right at the opening of the 1913 poultry season, the season marked by the establishment of the Poultry Experiment Farm conducted by Farmers Mail and Breeze. This work will make Kansas a greater poultry state than it has ever been, and will make Farmers Mail and Breeze a better medium for advertising poultry than it has ever been.

Some Recent Letters:

I have received better results from Farmers Mail and Breeze than from any other paper.—Herbert Rowland, Hanover, Kan., Oct. 10, 1912.

From an advertisement in Farmers Mail and Breeze for purebred Rose Comb White Leghorn eggs I got very satisfactory results. I sold eggs from my 200 hens as fast as I could get them, until the weather got entirely too warm to set eggs with good results.—Jennie Martin, Frankfort, Kan., Oct. 17, 1912.

My poultry advertising has been more successful in Farmers Mail and Breeze than in any other paper. It has brought me more direct returns than any other paper I ever advertised in.—J. F. Crandall, Barnes, Kan., Oct. 8, 1912.

I have found Farmers Mail and Breeze my best advertising medium.—Mrs. L. O. Housel, Smith Center, Kan., Oct. 3, 1912.

I have sold all my eggs from 65 Light Brahma hens. I owe it all to Farmers Mail and Breeze and will be with you again next year.—Mrs. Frank White, Furley, Kan., June 3, 1912.

We advertised Indian Runner duck eggs in two papers. Farmers Mail and Breeze did much the most business for us. We were obliged to refuse orders and return money.—R. J. Shirk, Ramona, Kan., Oct. 5, 1912.

Circulation 104,000 Copies Each Issue Positively Guaranteed.

You cannot afford not to run a poultry advertisement in the Poultry Special issue. Last pages close Jan. 27. Write for special low poultry advertising rate to

Farmers Mail and Breeze, Topeka, Kansas

or corn at noon, and corn or barley at night. I never feed mash but keep bran and cut alfalfa in hoppers.—Mrs. J. M., Jewell, Kan.

"Lady Showyou" Sold for \$800.

"Lady Showyou," the now famous White Rock hen which won first place in the national laying contest, has been sold for \$800. She was entered in the contest by J. A. Bickerdike of Millersville, Ill., who sold her last month to the Chicago Poultry Journal for the price mentioned. Her year's record was 281 full weight eggs which is one less than the American record now held by a hen at Guelph, Canada.

A New Way of Handling Males.

[Prize Letter.]

Mr. Editor—I find a good way to handle the males in the farm utility flock is to shut them up in separate coops, allowing the hens to have free range. I let only one male run with the flock and turn out a different one every day. In this way the males are not fighting all the time, are not worrying the hens, the hens will lay much better and the eggs will be strongly fertilized. You will be surprised to see what a large per cent of them will hatch. It also affords a good chance to feed the males and get them into condition until they look just like show birds.

Altoona, Kan. Frank Vernum.

(In addition to the foregoing we would suggest that the males be penned up in such a way as to allow them some exercise. It may interest our new readers to know that Mr. Vernum won the Mail and Breeze Incubator contest for best hatch in 1911.—Ed.)

Begin With a Few Good Birds.

Mr. Editor—Too many beginners in the poultry business start on too large a scale. They are not content with beginning with a few birds and gradually increasing their flock for that is too slow. To those who have had no experience, I should advise careful study of the different breeds and a selection of a few birds from the breed that will best suit your requirements. Build a poultry house along sanitary lines and do not consider the small details of no importance.

Cull out the unprofitable birds, give a good variety in the feed but follow a regular system of feeding and do not change it. Take some good poultry papers and study, read, practice, and investigate. Don't become faint hearted and get the blues, but keep your hens busy and keep busy yourself.

Mrs. Edward Brown.

R. 1, Maple Hill, Kan.

Heat Kills Many Unhatched Chicks.

[Prize Letter.]

Mr. Editor—I believe more fully developed chicks die in the shell because of too much heat and a lack of sufficient fresh air in the incubator than from any other cause. They are simply smothered. After the 18th day one must be very particular to keep the temperature at the right point. At this stage of incubation the chicks develop considerable heat of themselves. The lamp should be turned down slightly and the temperature kept between 102 and 103 degrees. One of the necessary things in getting a successful hatch is to air the eggs sufficiently, about 20 minutes each day. Of course they should not be allowed to become cold. If the machine is a hot air heater it is a good plan to wring out a piece of muslin in luke warm water and spread it in the chick tray, doing this each morning during the last seven or eight days of the hatch. Correct temperature, proper moisture, and plenty of pure, fresh air are prime necessities in chick hatching.

Forsyth, Mo. Barton Everett.

A Good Dry Mash for Layers.

Mr. Editor—The custom of giving the birds a wet mash in the morning has gone completely out of vogue with successful poultry raisers. The general opinion at the present time is that the dry mash is much more desirable. Dry mash fed in hoppers can be handled more easily and at less expense. Besides it is more cleanly and economical; the wet mash was inconvenient to feed and required constant supervision, in order to keep it clean. The wet mash is slightly more forcing, but experiments have proven that eggs produced by hens fed a dry mash are more fertile than those from hens receiving the wet mash.

This feature is exceedingly important, especially to the poultrymen selling eggs for hatching. A dry mash that will give good results is composed of the following proportions by weight:

Wheat bran 2 parts
Middlings 1 part
Corn meal 1 part
Linseed meal 1 part
Alfalfa or clover meal 1 part
Beef scraps 1 part

This should be placed in a hopper and kept before the birds all the time. Where the dry mash is provided, whole or cracked corn and wheat should be fed in the litter in the morning and at noon.

T. R. Arkell.

New Hampshire Station.

Before Putting in the Eggs.

[Prize Letter.]

Mr. Editor—We let the lamp burn in the incubator two days to get the heat up and the regulator adjusted with the heat at 103 degrees. We put the eggs in at night and by morning the heat is back at 103 where we keep it the first week. During the second week we try to hold it at 104 as nearly as possible. We roll the eggs three or four times a day after they are in the incubator 36 hours and every evening they are turned over half way. We mark the eggs on one side to be sure whether or not they have been turned.

All the moisture the eggs receive is applied by dipping the palms of the hands in warm water and rolling the eggs, this being done only three times between the 10th and 19th day when we stop turning the eggs. We keep the machine closed as much as possible while the hatch is coming off, opening it only to take out the chickens. Last spring a hatch handled this way gave us 89 fine chicks from 93 fertile eggs, with not a deformed chick or cripple among them. We set 110 eggs and tested out 17 on the 10th day. We would like to see some "how-they-do-it" from other incubator people.

Argonia, Kan. Guy Harp.

Coal Oil Cured the Sorehead.

Mr. Editor—Four years ago an epidemic of sorehead broke out among my chickens and I used a treatment that has never failed me up to the present. I filled a gallon bucket with milk warm water up to an inch of the top and into this put 3 table-spoonful of coal oil. I took the sick birds by the feet and quickly dipped their heads and necks down into the water. If the first treatment does not cure then repeat it in two or three days and you will have no more sorehead in the flock. It is best to dip the fowls in the evening so they will have the night in the house, thus avoiding colds.

Sapulpa, Okla. Mrs. Tilda Hill.

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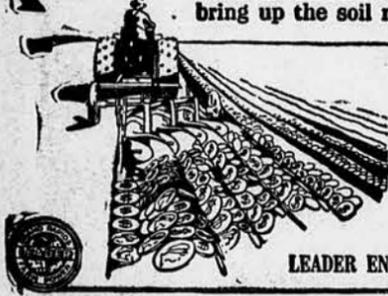


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Grand FREE OFFER TO YOU On This "American Beauty" 1913 Calendar!

Here is the most beautiful creation in the calendar line we have ever been able to offer. We believe it will take first honors when matched against any other calendar design produced for the year 1913. This design is indeed a masterpiece—it is the work of one of the most capable portrait artists in America, and the original painting has been reproduced with remarkable accuracy by the most modern lithographing process. The coloring is exquisite and true to life, from the delicate shading of the rose bud to the bewitching blue in the eyes of the beautiful American girl who posed for this picture.

Lithographed in 14 Colors—8 1/2 in. Wide by 3 ft. Long

The complete calendar measures 8 1/2 inches wide by 3 feet long, and the paneled effect through which the figure of this beautiful American girl is shown adds most materially to the strength and general harmony of the complete work. The calendar for every month of the year 1913 is printed on the back of the picture and there is no advertising to mar the beauty of the picture in any way. The calendar is lithographed in many colors on 70 pound white coated specially made paper. It is tinned and fitted with a hanger at the top and has a daintily covered pasteboard tube at the bottom which prevents the calendar from curling up, and makes it unnecessary to mar the picture in any way by using pins or tacks. The finished picture is put through what is known as the "roughing process," which gives a wonderfully accurate reproduction of real canvas.

A MASTER WORK OF ART!

It is impossible to do full justice to the unusual beauty of this wonderful picture with any words at our command. The greatly reduced one-color reproduction printed here serves only to give you a general idea of the subject and can in no way give you a true conception of this master work of art. You must see the calendar in order to fully appreciate it. I want to send you one of these calendars entirely at my risk. If you are not positively delighted with it after you receive it, mail it back immediately and I will refund your subscription money and the postage on your letter.

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CROPS and FARM WORK

Reports of Winter Burning to Kill Chinch Bugs Show But Feeble Efforts Thus Far—Conditions to Date Are Favorable For One of Worst Bug Infestations in 1913 Ever Known—Large Numbers Wintering Over

(Crop Reporting Service of Farmers Mail and Breeze.)

Judging by the scattering reports received this week the method of killing chinch bugs, by burning out their winter haunts, is not very generally in vogue as yet. While it has been definitely proven that burning properly done will kill as high as 98 per cent of the bugs wintering over, there must be general co-operation on the part of all landholders in a certain district to make a thorough job of it.

Nothing yet discovered or devised will put as efficient a check on the chinch bug as winter burning and the pity of it is that some means may not be employed to do it on a wholesale scale. One bug killed now will mean a thousand less to fight next summer. One reporter intimates this week that the weather will have a good deal to do with the bug infestation next summer, which is true. However, it is hardly possible to conceive of a winter and spring less favorable to the bugs than we had in 1912, and no one will soon forget the showing made by the bugs last summer.

Without being inclined to pessimism in any way, Farmers Mail and Breeze expects to see 1913 one of the worst of chinch bug years unless the pest is persistently swatted by the burning method through the rest of the winter and early spring. Just now everything seems to be in favor of the bugs—an unusually large number wintering over, mild weather so far, and little molestation by human agency.

KANSAS.

Ford County—Continued fair weather keeps a fair supply of poultry and dairy produce on market. Dry feed plentiful and stock is in good condition.—G. D. Noel, Jan. 3.

Greenwood County—Weather very dry but pleasant. No snows so far. Stock water scarce in some places. Great deal of fall plowing being done. Stock in good shape with plenty of rough feed.—C. E. Moore, Jan. 2.

Stanton County—Some grain to thresh yet. Feed about all stacked. No snow to speak of yet. No wheat sown here this fall. No corn for sale to my knowledge. Milo 45 cents, cream 30, eggs 30, butter 30.—G. S. Greger, Dec. 28.

Dickinson County—Fine weather. Ground getting a little dry but wheat looks good. If we have severe weather feed will be scarce by spring. Not much stock being shipped out. Not much hog disease at present. Corn 50 cents.—J. G. Engle, Jan. 3.

Smith County—Corn about all cribbed but is not moving very fast at 36 to 38 cents. Wheat in fairly good condition but ground is very dry. No moisture this winter. Stock of all kinds doing well but hogs and cattle are scarce.—A. J. Hammond, Dec. 30.

Nemaha County—Finest winter weather so far in many years. Ground is dry and fall wheat needs rain or snow before ground freezes up. Stock wintering well but not as many cattle feed lots as usual. Some hog cholera in county yet.—C. W. Ridgway, Dec. 30.

Leavenworth County—Wheat looks very bad. Some pieces apparently dead. Very little old wheat left in farmers' hands. All stock doing well, ideal weather for it. Plenty of feed. Hogs scarce and very few being fed for market. Corn 40 to 50 cents.—Geo. S. Marshall, Jan. 4.

Ford County—Continued dry weather doing some damage to wheat. Corn shelling will soon be finished. A few horses dying over county of various diseases. Everything high except what farmers have to sell. Wheat 72 cents, corn 39, kafir 35.—John Zurbuchen, Jan. 4.

Franklin County—Fine weather so far and farmers have their work in good shape for winter. Wheat beginning to need moisture. Hog cholera still prevalent. Other stock doing well. Few cattle on full feed. Hogs \$6.45, corn 40 cents, eggs 20, butter 31.—H. O. Cain, Jan. 4.

Decatur County—Fine winter weather so far with very little snow. Surface dry but ground is moist underneath. Wheat generally is in good condition. Stock going into winter in good shape. Feed plentiful. Wheat 65 cents, corn 35, butter fat 30, eggs 22.—G. A. Jorn, Jan. 4.

Russell County—Weather cold and dry. Corn husking finished. Some roadsides have been burned out but many others have been neglected. No pastures being burned out as one burning will kill grass for two or three seasons. Kafir and cane threshing finished. Stock doing well.—Mrs. Fred Clausen, Jan. 4.

Grant County—Some wheat being sown up to New Year's day. Broomcorn seeding nearly done. Broomcorn yielded well but the price is very low. Buyers only offer \$20 to \$50 per ton for brush. Milo reported as yielding as high as 40 bushels per acre. Not nearly all threshed yet and is selling for 36 to 38 cents. Cattle and all range stuff doing well. Butter fat 28

cents; butter 25, eggs 25.—J. L. Hipple, Jan. 4.

Rooks County—Weather still continues fine. Stacking feed the order in some places. Corn about all gathered. Good many farmers burning off roadways and cleaning up in general. Some fears expressed over chinch bugs. Not much wheat in farmers' hands. Wheat 70 cents, corn 34, eggs 19.—C. O. Thomas, Jan. 3.

Woodson County—Weather is still fine and considerable plowing being done. Wheat looks fine and shows a fairly good stand. Weather dry and a good deal of water hauling being done. Cattle doing fine and are high. Fine roads for hay hauling. Kafir threshing in progress. Horses and mules high. Hay \$5 to \$9.—E. F. Opperman, Jan. 3.

Doniphan County—No moisture of any kind for a month. Wheat looks well. No chinch bugs here last year and so farmers have taken no precautions against them. Hog cholera is still prevalent in some parts of county. Quite a lot of grain being hauled to market while the roads are good.—C. Culp, Jr., Jan. 2.

Sumner County—Growing wheat looking fine. Large acreage of fall plowing done for spring crops. Stock wintering in good shape but cattle and hogs getting scarce. Mule and horse buyers busy and are paying \$125 to \$250 per head. Milk cows selling at \$45 to \$60. Large amount of corn being held for higher prices. Baled hay \$7.50 to \$9, corn 40 cents, kafir 40.—H. C. Moore, Jan. 2.

Morton County—All fall work behind and very little wheat sown in the county. Open winter so far and little roughness needed for stock which is in splendid condition. Graders are at work in southeast part of county on Dodge City and Cimarron Valley railroad. Broomcorn \$15 to \$40 per ton, milo 25 to 30 cents, eggs 20, butter 24.—Mrs. Margaret McGee, Dec. 28.

OKLAHOMA.

Pawnee County—Have seen only two farms burned over to rid them of chinch bugs. The county was full of them last fall. No rain here since election and subsoil is pretty dry.—V. Funkhouser, Jan. 2.

Pushmataha County—Winter has been open and dry so far and all stock doing well on a small amount of feed. No disease to speak of. Potatoes \$1, Spanish peanuts for seed \$1.25, sweet potatoes \$1, corn 45 cents.—K. D. Olin, Dec. 31.

Pottawatomie County—Fine weather and farmers are plowing all over the county. Cotton and corn all gathered. Stock in good shape. Horses selling as high as \$40 per team, mules \$500. Hogs \$6.75, sweet potatoes \$1, Irish 80 cents, corn 48, oats 44.—L. J. Devore, Jan. 3.

Custer County—December was a mild month and all stock did well on little feed. Stalk fields never furnished better feed and loss from stalk disease and blind staggers was only about 10 per cent of what it was last season. Plenty of rough feed even though winter should be severe.—E. H. Baker, Jan. 4.

Major County—A few scattering silos, all stave, in this county. They are praised highly while new but owners are frequently agents for some silo firm. After 2 or 3 years' use it is not infrequent that silos are found standing idle. No start yet to buzz bugs. Stock in good condition. Most of broomcorn in growers' hands.—W. H. Rucker, Jan. 4.

Texas County—Still dry and moisture is needed for wheat which still lies in ground unsprouted. Some farmers still sowing. Threshing milo, cane and kafir are the main jobs now. Farmers are busy burning Russian thistles to kill grasshopper eggs. No chinch bugs here to amount to anything. Good deal of barley and Black Amber cake will be put out this spring on account of dullness of broomcorn market. Wheat 60 cents, eggs 18.—Frank Free, Jan. 4.

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Great Book of Money-Making Poultry Secrets—Given to Mail and Breeze Readers.

The well-known poultry authority, Mrs. Reese V. Hicks, has written an intensely interesting and practical book that should be in the hands of every person interested in raising poultry for profit.

This book is "Tricks of the Poultry Trade"—the one different, desirable poultry book of the year. Among the many valuable secrets found only in this book are the following: Three methods of selecting the laying hen; A sure and certain method of selecting eggs for hatching; How to raise 500 chickens on a lot 30 by 40 feet; How to build a natural hen incubator; How to build feed hoppers and fireless brooders; How to make feed at 10 cents a bushel; How to make winter egg ration, poultry feeds and tonics, egg preserver, louse killers; How to grow pullets that lay young and make a large egg yield; How to handle incubators to best advantage; The trick of securing more pullets than cockerels; How to tell age of eggs and fowls; How to prevent lopped combs.

All these and many more subjects—too numerous to mention here—are fully covered in this great book. It is big value for two dollars of anybody's money—but we're giving them away FREE on this plan: We will give you one year's subscription to Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best poultry journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Arthur Capper, Publisher, Topeka, Kan.

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Silver Mfg. Co., Salem, O.

The Way Out of the Trust Rut

(Continued from Page 2.)

and destroy the American republic, entailing a process of ruthless uprooting almost unparalleled in the annals of history.

It means that the American farmer and the American consumer are being continuously bled by an omnipresent leech, the trust; and this trust is but another name for a system similar, in our day, to that which brought about the destruction of old Rome. Speaking of the exploitation of the farmer in ancient Rome, the German historian Kalthoff says:

"The noble Roman becomes a relentless exploiter of the poor peasant. He is a speculator on a grand scale and menaces the state. There is no political and social, and certainly no religious or ethical resistance to the evils of this great concentration of capital. The capitalistic accumulation on an agrarian basis has the whole power of the state at its disposal at Rome—the army, the fleet, the law and the government. So the great serpent that is to strangle the finest strength of Rome, its peasantry, brings its coils closer and closer together."

"Every effort to reform the situation in the Roman world completely failed."

Failed, because by killing off the independent, land-owning farmer of old Rome this cause undermined and ultimately destroyed the foundation of popular government. For, be it remembered, the state may be compared to a three-legged stool, of which one of the legs is labor, another commerce, and the third agriculture. The first two are mainly of the city, and form the progressive and radical elements, at constant strife with one another, and at strife with the third, the farmers of the nation, the conservative element. For, just as, in a boiler and engine, the governor controls the supply of steam, so, in the state, the rural, conservative element holds in check the progressive urban, and thus conserves the state. It thus followed that when old Rome had killed her conservatives, her independent farmers, by driving them off the land and replacing them by renters, she killed the very element necessary to her existence.

But it may be said, what comparison can be made between the farmer of old Rome and the automobile-owning, well-to-do American farmer?

Nevertheless, Rome certainly does offer a comparison, for does not history repeat itself? The trusts have not yet had time enough to bring to a head the evils their continued operation must in the end produce; but we can all see that they were more efficient 20 years ago than they were 50 years ago, and still more efficient 10 years ago than 20 years ago; and are they not more efficient today than 10 years ago? And may we not expect them to be yet more efficient as time goes along?

The Strength of the Nation.

Is not this efficiency a merit? Not in this case; on the contrary. It is idle to talk of Monroe doctrines, of navies, of fortifications, and of other devices for strengthening the nation so long as the trusts crawl up on the efficiency platform. Just let the trusts get the death grip in earnest on the American farmer; that death grip which they will surely obtain if not effectively prevented, and then all props for strengthening the nation will prove but broken reeds to lean upon.

Let a means be devised whereby groups of American farmers may, under corporate power, collectively obtain a sufficiency of credit to enable them to act as distributors as well as producers. This, if effectively done, would neutralize and remove the trusts.

Now, to be his own distributor, the producer must be able to procure money, as the trust does, on the basis of what is known as a "commercial account," paying interest only on the amount drawn, and for the time it is used. The collective use of this money renders it possible for the trust to be a trust; gives it its power to obtain the product and to manipulate the price. By conferring the use of this money on the farmers' co-operative groups we neutralize the trust, we do away with it.

The question is whether this could not be done by a combination of the producers, the farmers, through co-op-



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"Baby beef" is bringing Ozark farmers \$50 per head profit in one year



If there is one thing that emphasizes the special advantages in the Ozarks for stock raising, it is the unusual success and big profits which farmers there are making with baby beef. Good stock, after one year's feed, is bringing them \$50 per head profit!

Here is the plan that the Ozark farmer is following to get such profits. He buys up good grade calves at \$15 to \$20 a head (providing he doesn't raise them himself). Then, instead of letting them "mosey along" until the second year with just enough rations to keep them in good trim, he starts feeding them for quick flesh gains right away. The calves are put on flesh-producing field grasses until after corn is harvested; then the shocks, with a little extra now and then, keep them going until January. That leaves only three months of winter feeding (for pasture is green again by April 1st).

By that time the beef will weigh around a thousand to twelve hundred pounds easily, and will top the market at \$8 a thousand or more. The feeding, on account of the short winter and other advantages in the Ozarks, doesn't cost more than \$25 per head, all told—that's a clean profit of around \$50 from every baby beef.

It's a mighty profitable business, and Ozark farmers are not slow to take it up.

Baby beef is just one way of making money in the Ozarks. It is just one example going to show why all kinds of stock raising is so profitable in the

Ozarks. Hogs, for example, bring Ozark farmers around 5 cents a pound profit, because they cost so little to produce per pound—only 2½ cents, or less. Sheep make \$12 per ewe easily, and Ozark dairymen are getting \$8 to \$10 per cow per month, regularly.

The reasons for these profits are easy to understand. The Ozarks have very mild, short winters—good pasture from April 1st to January 1st—only three months of winter feeding. Right there is a mighty big cut in costs.

The soils of the Ozarks will grow practically every variety of grass, and forage crops—alfalfa, peanuts, cowpeas, corn—all the quick-fattening products.

The Ozarks have an unlimited supply of pure water, splendid drainage and a healthful climate that keeps stock sickness down to the minimum.

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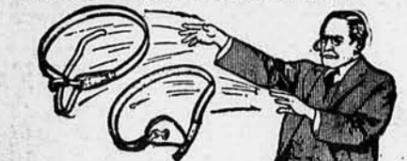
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A conservative estimate shows that nearly ten million dollars a year—in this country alone—is practically wasted on worthless rupture appliances—all because people trust to a mere try-on instead of making a thorough test.



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So far as we know, our guaranteed rupture holder is the only thing of any kind for rupture that you can get on 60 days trial—the only thing we know of good enough to stand such a long and thorough test. It's the famous Cluthe Automatic Massaging Truss—made on an absolutely new principle—has 18 patented features. Self-adjusting. Does away with the misery of wearing belts, leg-straps and springs. Guaranteed to hold at all times—including when you are working, taking a bath, etc. Has cured in case after case that seemed hopeless.

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eration? Could not this be done by adopting some such financial system for the producer as we find in operation in the European countries? We see that, under the Landschaften system of co-operative land-credit bonds, the German farmer obtains credit for "one-half the estimated value" of his land. (1) Now, the United States census gives the American farm valuation at 40 billion dollars. So, according to the German standard, the American farmers' co-operative groups could obtain credit to the enormous sum of 20 billion dollars, which is, of course, much more than double or treble the amount they would ever require. And if the security they can offer were rendered by national law as good in the United States as it is under the European co-operative credit systems, it would enable the American farmer to have the free use of all the credit he can possibly require at the lowest rate of interest in the world, and all this would forever cut the claws of the deadly trust.

How Money Can Be Obtained.

The interest on a United States bond is 2 per cent. The United States postal banks readily obtain deposits at 2 per cent. The United States can obtain money at this low rate of interest because the security it offers is unquestioned. It is the character of the security which determines the rate of interest. The 40 billion dollar assets of the American farmer are more than sufficient security for all the credit he may require at 2 per cent interest per annum, provided that the instrument for obtaining this credit be placed, as under the European systems, in a form which would render it an unquestioned security and as liquid as the bonds of the United States government; liquid not merely in a certain county or a certain state, but liquid throughout the United States.

But, it may be asked, assuming all this to be true, and assuming that it can be done, would it not merely change the trust masters; would it not merely exchange the trust composed of manipulators for the trust composed of co-operative groups of farmers?

Well, supposing it did, would there not be this difference: In the first case the trusts consist of limited cliques; in the second case, they would consist of the producers, the American farmers. In the first case, the law of supply and demand is interfered with, artificially depressing the purchasing price and artificially enhancing the selling price. In the second case, the trust earnings, divided among the many groups of farmers, by increasing their capital would tend to increase the supply of their products, hence to maintain the selling prices at a natural equilibrium, and thus render normally operative the law of supply and demand. The farmer would obtain a higher price for his products, and they would reach the consumer at a lower price; it would reduce the cost of living.

But how comes it that, notwithstanding the absence of the trusts in farm products in Europe high prices prevail there also?

When Protection Protects.

Well, in the first place there is protection. While the protective tariff on the staples of agriculture is inoperative in the United States because we have a surplus for export, it does operate in those European countries that produce no surplus. Thus, say, wheat is on our tariff schedule at 25 cents a bushel, and we export, say, 200 million bushels out of a 700 million bushel crop. To what extent is the American farmer protected? Clearly to no extent; he is not protected; for a tariff on imports cannot protect the staples of agriculture so long as they are exports. In such a case the quantity sold for home use can bring no higher price than that realized on the quantity exported; for the export and home price is the same. It therefore follows that the price in the United States for the entire crop is the price ruling in the central foreign buying market (Liverpool), less the cost for carriage, insurance, profit and interest from place of production to Liverpool, whether for the quantity exported or whether for the quantity sold for home use. But, if we had no surplus, the 25 cents a bushel protection would then be operative as it is in Europe. The price in the United States would then be, first of all, the ruling price in the world, plus

(Continued on Page 26.)



Farm Power at Lowest Cost Per Year

The engine best suited to do your work is the engine you can depend upon to go with fewest repairs, to use less gasoline, and to last the longest in actual hard, every-day service.

Fuller & Johnson Gasoline Engines are built in sizes from 1 to 20 h. p. Stationary and Portable, for general work, pumping and other special requirements. Their great durability, economy in fuel, high quality and constant performance give you the utmost in farm power at lowest cost per year.

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are mechanical masterpieces, built by engine specialists. We guarantee them to do the work for which they are designed with supreme satisfaction, ease and economy. They are massive, powerful, reliable and yet amazingly simple. See the heavier castings, larger bearings, automatic oiling system, enclosed crank case, extra heavy crank shaft, open water jacket. These are things to look for—things which count in buying an engine for your work, whether inside or outside. Comparison with any other engine, point by point, will prove the superiority of the Fuller & Johnson Double Efficiency Engine to your satisfaction. They are frost-proof—will start when wanted.



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We've helped thousands of farmers decide on the size and kind of engine best suited for their exact needs. Our Engineering Department will help you without charge if you simply fill out and mail this coupon.

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I mean by this that a real farm is a combination of both BIG and LITTLE advantages. It is the little hidden advantages of a farm place that count in the long run, but it is just these little points that many land buyers overlook. All they can see, or care to see, is the Big Money Promise, the pretty landscape and the beautiful Sunshine.

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Deal With a Practical Farmer

As a practical farmer I look into these small details closely and handle nothing that is not superior in all respects. So, in a sense, with my initial care in selection, I ensure the success of all my customers. Now I offer you my latest and best proposition—THE LAMPTON LANDS OF MISSISSIPPI—the biggest bargain of my 14 years' successful career. This land has all the natural advantages peculiar to the Gulf Coast section, 12 growing months, a splendid climate, perfect health conditions, abundant sunshine, plenty of rain, beautiful surroundings, etc., and in addition, many features that you will find it hard to duplicate, search as you may.

My Biggest Bargain

For instance you secure a clear transfer from the real owners, of carefully surveyed land, meaning no title or boundary trouble later on, location on a high tableland traversed by clear streams, which ensures good drainage without ditching, freedom from "sour" land, and absolute immunity from mosquitoes and malaria; a near-by market that buys for cash; easy distance to Mobile, and live towns round about; fine roads and a soil that can be worked after any rain. This means no loss of time when cultivation should be done—a big advantage. On the other hand this same soil is highly resistant to drought, which indicates the subsoil is practically impervious—a vital point—and the top soil a rich dark loam with humus, the essence of fertility. Here, too, you can raise cattle and hogs at a ridiculously low cost and thus materially increase your income, comfort and permanent welfare. Finally, your efforts to succeed will be powerfully reinforced by one of the wealthiest firms in the south, who intend to force the prosperity of this section.

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Manage them properly, and on 10 acres of Lampton Lands you CAN make \$5,000 a year. You can raise here almost everything—corn, cane, cotton, forage, fine vegetables, figs, paper-shell pecans, walnuts, grapes and oranges. And yet I sell them—while they last—at \$10 to \$35 an acre—on terms that appeal to earnest men. I offer you a straight, business-like arrangement that will cause you no inconvenience or hardship.

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But write for my new free book and get the facts in detail. Read it for important information before you buy land anywhere. Send for your copy today. Don't wait—for this Lampton tract is settling up fast.

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Send for four of our beautiful 12x16 Enameled 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: B. F. ROSEK, 382 Household Bldg., Topeka, Kan.

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Excellent Railway Facilities

In many cases the railways in Canada have been built in advance of settlement, and in a short time there will not be a settler who need be more than ten or twelve miles from a line of railway. Railway Rates are regulated by Government Commission.

SOCIAL CONDITIONS. The American Settler is at home in Western Canada. He is not a stranger in a strange land, having nearly a million of his own people already settled there. If you desire to know why the condition of the Canadian Settler is so prosperous write to any of the Canadian Government Agents and send for literature, rates, etc., to

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We give an American made, stem wind and stem set Watch fully GUARANTEED, and this beautiful Band Ring, or any other premium you want, for selling 30 packages of POST CARDS at 10c per package. Send us today. Order 30 today, when we will send you the WATCH and RING and also a CHAIN.

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Wanted Farmer or Farmer's Son

with rig in every County to introduce and sell Family and Veterinary Remedies, Extracts and Spices. Fine pay. One man made \$90 one week. We mean business and want a man in your County. Write us.

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Watch RING & CHAIN FREE

We positively give free this beautiful engraved stem wind and stem set watch which is equal in appearance to the solid gold watches sold at big prices. Order from us today 20 packages of our Embossed Art Cards which you sell at 10 cents a package, and when sold, send us the \$2 you collect and we will send you the Watch and Chain by return mail FREE OF CHARGE.

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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.

Ever Hear of Whipped Butter?

This is for the people who don't like soggy, greasy butter. Warm 1/2-pound of butter until it will mash easily with a fork. Warm 1/2-pint of sweet milk just lukewarm, add a little at a time to the butter and beat with a fork as you add it. Add salt to suit the taste. This makes a delicious, light, flaky butter for hot cakes or biscuits on a cold morning; and it also makes a little butter go farther, which is quite an item when butter is high.

Blue Mound, Kan. M. Hammer.

The Needed Overshoe Box.

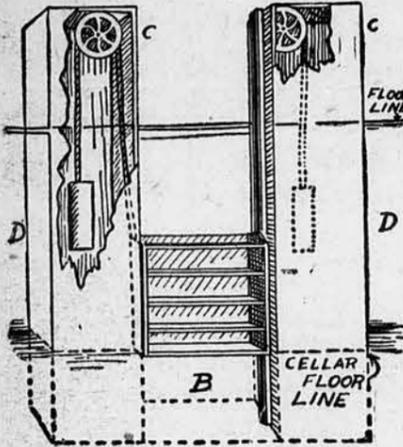
I made an overshoe box some time ago which has proved itself a great improvement. In the cold, snowy weather the men came in with damp and frozen overshoes which had to be dried, and they were always in the way of sweeping besides looking very disorderly. So I took a box that would just fit between my sink and stove, put a shelf half way between the top and bottom and spread newspapers on it. The top is strong enough to be used for a chair, and is neat and handy.

Seneca, Kan. D. H.

The Labor-Saving Dumb Waiter.

[Prize Letter.]

A dumb waiter saves steps for the woman whose cellar is beneath her kitchen, and with it there is no need of ice boxes or ice. The waiter can be of any size, but 2 or 3 feet square is good, with shelves 18 inches apart. Board up the two sides and leave front and back open. Put a narrow strip on each side and arrange a groove in the casing on either side for these strips to run in. This keeps the waiter from swinging. These strips are in the center opposite the point where



SHOWING HOW IT IS MADE.

the cords are fastened. The case in which the waiter works is 1/2 inch larger than the waiter, which provides for free movement. The weights (D, D) which correspond to the weight of waiter, are in the cases (C, C), which run the entire length of shaft. In the cellar two sides of the frame are made tight and the other two are enclosed with screen so one side will open. The opening extends 6 feet below the cellar floor. When waiter is lowered the light is shut out.

Mrs. George P. Ernenwein.

R. 1, Verona Station, N. Y.

Girls Not Getting Their Dues.

[Prize Letter.]

I have been a reader of the Woman's page for about five years and have received great benefit from its pages. But one article I have failed as yet to see, and that is something concerning our daughters. They are to be the mothers of the next generation, and so much depends upon their health. I see our girls, not only those in town but our country girls, going for long evening drives in wintry weather several miles to church, to "literary," to parties, and

various other places, with just a veil for a head wrap, with slippers, lace hose, no over-gaiters, low necked dresses or perhaps a lace yoke, short sleeves, and a little jacket. They surely do not think they look nice; to me such dressing only looks silly. And they cannot make us believe they are warm and comfortable. So what can their object be in trying to dress in December and January as they should in July and August? We mothers would have been considered cruel to send our girls to school so poorly clad, when they were little. When mother planned their school outfit for winter she bought a wool scarf and long coat, wool stockings, shoes, overshoes, gloves, chest protectors, and various other things to keep their girls warm, then father hitched a team to the buggy or sleigh, wrapped them in blankets and took them to school. Why not take some interest in them now as well as so much then, and try to impress on their minds that health is wealth?

Mrs. Robert Ragsdale.

Agra, Kan.

When Butter and Eggs Fail

THE THINGS WE EAT.

The Mail and Breeze is going to be more helpful for a long time to come because of the splendid recipes for desserts that can be made in the winter when butter and eggs are high. Most of them are simple, easily made, and yet the results are sure to be delicious. One of these letters is published this week, and other letters and parts of letters will be published later.

One thing, however, was a revelation to the Home Department editor, and that is, the large place cakes seem to have in many households. As one writer said, "If we have none absolutely"—of butter and cream—"we shall have to take our dinner without dessert." And another writer, after giving three or four pudding recipes wrote, "These will take the place of cake occasionally." And in spite of our protest against cake with so many of the good things left out we have received in the last two weeks probably 200 recipes for "eggless, butterless, milkless cake." Would it surprise anyone to know that the editor of this page has gone for a year without tasting cake? Some time last winter someone "treated" her to a piece of nut cake, yes, and a piece of eggless, butterless, milkless cake was sent in this contest; but with these exceptions the time of cakes is shrouded in the mists of antiquity. But we have had desserts—yes, indeed! Always; and such good ones we haven't wanted or even thought of cake.

The first prize in the Winter Dessert contest, a gun metal initial watch, has been awarded to Grace E. Boyd, Baldwin, Kan. Second and third prizes, a set of narcissus silver spoons, Mrs. Mate Wylie, R. 8, Manhattan, Kan., and Mrs. G. Doak, R. 2, Linwood, Kan.

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 Company. 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.

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At the Lowest Prices in the United States



It is never necessary to make an apology to your friends about the quality of the piano you buy at Jenkins, nor have a feeling that you paid more for your piano than your neighbor, who purchased the same make. Our ONE PRICE, NO COMMISSION PLAN does not mean "get all we can"—it does mean "Give all we can." It means the greatest economy and greatest satisfaction in piano buying. It means that nowhere in the world could you buy more piano quality for less money; it means freedom from all puzzle schemes and trick piano selling, devised to induce you to pay a higher price for a piano than it is worth. Our fall stock of pianos is now coming in. Note the values listed below.

- \$155 For a Brand New \$275 BARCLAY. \$5 monthly.
- \$125 For a Brand New \$175 BARMORE.
- \$175 For a Brand New \$300 BARCLAY. \$5 monthly.
- \$200 For a Brand New \$300 WOODWARD.

"The Pilot is under no obligations to the Jenkins Music House, of Kansas City, to write this, but recent dealings with them constrains us to say for the benefit of our friends that we never knew a method of selling more open and honest than theirs, and, did we know about what price and style piano we wished to buy we would about as lieve send our twelve-year-old daughter to purchase it as to employ an expert. Their prices are plainly marked on every one of their hundreds of instruments and are the same to cash buyer or the one who wishes to make monthly payments."

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PROTECT YOUR HOME With an up-to-date Fire Extinguisher. \$3.00. Refilled free of charge. Western Buyers Association, Kansas City, Mo.

A Co-operative Store

should be organized in every locality to reduce cost of goods. Farmers should own and operate them.

Stores saving people one-fourth on goods are now in operation. Many farmers saved more than their entire investment the first year.

For full plans and instructions for organizing, address

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FREE Lady's Watch Fob & FREE Ring

This handsome Lady's Watch with your own initial engraved in beautiful gold lettering; stem wind, gem set; a perfect little beauty; not the cheap kind; also stylish Swastika Fob and beautiful stone set Gold Ring, all given absolutely free for distributing only twelve of our magnificent Art Pictures—no two alike. Send no money but write at once for the pictures. When disposed of send us the \$3.00 collected and we will send you Watch, Fob and Ring, absolutely free. Satisfaction guaranteed.

Ladies' Watch Club, Dept. 15, Topeka, Kan.

230 Popular Songs FREE

Some With MUSIC FREE

- The Game of Eyes
- Oh You Beautiful Doll
- Honey Boy
- Love Me And The World Is Mine
- The Harbor of Love
- I'd Like a Girl Like You
- Rainbow
- Roses Bring Dreams Of You
- Every Little Movement
- That Mysterious Rag
- Cheyenne
- The Stars, The Stripes, And You
- I Wish I Had a Girl
- Waiting At The Church
- Winter
- I Love My Wife, But Oh You Kid
- The Only Girl I Love
- Shine On Harvest Moon
- Moonlight
- Take Me Out To The Ball Game
- Daisies Won't Tell
- He's a Far, Far, Far
- Baby Doll
- You'll Do The Same Thing Over
- The Vale of Dreams
- They Always Pick On Me
- My Dear
- I Just Can't Make My Eyes Behave
- Call Me Up Some Rainy Afternoon
- Dreaming
- Oceans Roll
- When I'm Alone With You
- If I Should Fall In Love With You
- Casey Jones
- Just You, Dear
- I Could Learn To Love You
- When the Girl You Love Says Yes
- My Pony Boy
- Just For a Girl
- Who Are You With Tonight
- When Mocking Birds Are Singing
- Naughty Eyes
- Steamboat Bill
- Fare Thee Well, Anabelle

ALL THESE BIG HITS and almost 200 others—about 230 in all, some with music—the whole unequalled collection sent absolutely free, postage prepaid to all who send only 10 cents to pay for a 3-months' trial subscription to our big home, and news weekly, "The Weekly Capital." This offer good for 30 days only. Send today. Address, THE WEEKLY CAPITAL, Dept. 230-A, TOPEKA, KANSAS

66 "Many Print" Transfer EMBROIDERY PATTERNS FREE



Most Stupendous Pattern Bargain Ever Offered!!

These 66 COMPLETE PATTERNS would cost you a large sum of money if purchased one at a time in any retail store. Each pattern will transfer from 8 to 8 times to any kind of fabric.

We have just secured a limited quantity of a new and magnificent collection of 66 DIFFERENT AND COMPLETE EMBROIDERY TRANSFER PATTERNS. The entire collection contains a total of 66 of the LATEST and MOST BEAUTIFUL TRANSFER EMBROIDERY PATTERNS as follows: 1 Embroidered Skirt Panel, 1 Embroidered Waist to match, 1 Embroidered Collar, 1 Baby's Collar and Cuff, 1 Centerpiece, 1 Dolly, 1 Dutch Collar, 1 Chemise or Nightgown, 1 Set, 2 Alphabets, 1 Corset Cover, 1 Combination Suit, 4 Words, 3 Embroidered Shirtwaists, 1 Sofa Pillow, 5 Wreaths, 1 Collar, 2 Jabots, 1 Towel, End, 1 Apron, 5 Emblems, 2 Pin Cushions, 14 Sprays, 4 Butterflies, 15 Bows.

SEND TODAY We are giving these away to further introduce our big news, home and story paper, "The Weekly Capital." All we require is that you send just 25c—the regular subscription price—for a whole year's subscription to the Capital, and we will send the outfit complete as described above, free and postpaid. Two Pattern Collections and a year's subscription for 50c. This offer is made for immediate acceptance and we advise you to send at once. We guarantee absolute satisfaction or your money promptly refunded. This is certainly the most liberal premium offer ever made. Send now. Address WEEKLY CAPITAL, Dept. 66-B, TOPEKA, KANSAS

Lesson Course FREE!

In addition to this I am going to include, without extra charge, one illustrated course of embroidery lessons. In these instructions you will find illustrated and fully described the 27 stitches used in fancy work. This is the most complete collection of its kind ever published and is a big premium in itself.

HOME DRESSMAKING

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



- 6080—Ladies' Petticoat, 8 sizes, 22 to 36 waist.
- 5731—Ladies' Dress, with three-piece skirt, 6 sizes, 32 to 42 bust.
- 5448—Six-gore Skirt, 5 sizes, 22 to 30 waist measure. Size 24 measures 2 1/4 yards around lower edge.
- 5704—Ladies' Shirtwaist, 6 sizes, 32 to 42 bust.
- 5127—Corset Cover, 6 sizes, 36 to 46 bust.
- 5734—Girls' Dress, sizes 6, 8, 10, 12 years.
- 5376—Men's Bath Robe, sizes 32, 36, 40, 42 inches breast measure.
- 5381—Five-gore Skirt, 5 sizes, 22 to 30 waist. Size 24 measures 2 1/4 yards around lower edge.
- 5880—One-piece Corset Cover, sizes 32, 36 and 40 bust.
- 5696—Girls' Dress, 4 sizes, 6 to 12 years.

USE THIS COUPON FOR PATTERN ORDERS.

Farmers Mail and Breeze, Pattern Department, Topeka, Kan.
 Dear Sir—Enclosed find cents, for which send me the following patterns:

Pattern No. Size.....
 Pattern No. Size.....
 Pattern No. Size.....

Name

Postoffice

State

R. F. D. or St. No.

BE SURE TO GIVE NUMBER AND SIZE.

How She Cured Her Chilblains.

I was bothered every winter with chilblains, until one year I tried a plan of my own and cured them. As soon as my feet began itching I would soak them for an hour or so in water just as hot as I could stand. Then I would wipe them dry, and while they were yet damp after drying I would rub them thoroughly with turpentine and put them in a hot oven to let the turpentine bake in, then rub on more turpentine and heat. I would

repeat this rubbing and baking three or four times, then put my shoes and stockings on, and would not be bothered any more that day. About the same time the next day my feet would commence to itch, so I would get out my hot water and turpentine and repeat the process of the day before. I had to keep this up nearly all one winter, but since then I have never been bothered with frost-bitten feet, and that was about 14 years ago. Before that I had always worn homeknit woolen stockings, and they always made the shoes fit tighter than the cotton ones did. Since then I have worn cotton stockings and my shoes never feel tight, and I never am troubled with chilblains. Mrs. W. L. Roweth.
 R. 2, Redfield, Kan.

Desserts For Mid-Winter

BY GRACE E. BOYD.

These are some of the things we serve for dessert during the cold weather when the hens refuse to lay and butter is worth its weight in gold. First, pie proves very satisfactory. Apple pie is a good old standby. One can have almost any kind of fruit pies, and now is the time to make pies of pumpkin and mincemeat. Also there are many kinds of puddings: Apple dumplings, peach cobbler, tapioca, cornstarch, blanc mange (flavor with lemon or add coconut or chocolate and you will have a variety), rice blanc mange (can add fruits), and also just plain rice pudding.

Here is our apple pudding: Fill a greased baking dish half full of thinly sliced apples and pour over them a cup of hot water. Cover with a batter made of 1 tablespoon shortening, 1/2 cup sugar, 1/2 cup water, 1 cup flour, 1 teaspoon baking powder. Add a little lemon extract and bake in a moderate oven until brown. Serve with milk and sugar, or with a sauce.

We make a fruit pudding using cherries, blackberries, currants or figs. Jams and preserves are also often used with this one recipe: One cup sugar, 1/2 cup shortening (suet, lard, etc.) 1 cup fruit, 1 teaspoon soda dissolved in 3 teaspoons sour milk, cinnamon and nutmeg to taste. Mix well together and bake slowly.

To make a sauce for this pudding take 1 cup sugar, 1 teaspoon flour, 1/2 cup hot water. Let boil a few minutes and add a few drops of lemon extract.

New Minute Pudding—To 1 quart milk add 1 pint water and set over fire. Just before it begins to boil put in 1 cup raisins or currants and a little salt. As soon as it boils stir in about 3 tablespoons flour or cornstarch to make it of the proper consistency. Serve with a sauce or with milk and sugar.

Rice Pudding—Wash a teacupful of rice four times, and put into a deep baking dish that will hold 3 pints of milk. Add 4 tablespoons sugar and a pinch of salt. Bake in a slow oven about 3 hours, stirring frequently so the top will not brown until the pudding is done. As the milk cooks away add more, using that which has been kept hot on the stove.

For making puddings jello is the cheapest and best preparation on the market. It saves the cost of butter and eggs, flavoring extracts, and the cook's time. Cream pies made from it are delicious. It is also fine as a filling for layer cakes. To make a pie filling mix half a package of jello (any flavor) and 1 level tablespoon cornstarch and stir into a pint of milk. Cook in a double boiler, or in a pan set in another pan of hot water, until it is of the thickness desired. This is enough for one pie.

Delicious Cream Pudding—Stir the contents of one package of jello (any flavor) and 3 tablespoons cornstarch in a little cold milk. Put into a quart of boiling milk and cook thick, then pour into molds or cups and set away to cool. Serve with sugar and cream. This is enough for six people.

Fruit Salad—Make a lemon preparation, using jello. Allow it to partially cool and add any combination of fruits, as oranges, apples, peaches, sliced bananas, or grated pineapple. English walnuts may be added.

A Grease Spot on the Rug.

Yesterday I spilled a few drops of coal oil on my dining room rug. It has spread out and made quite an ugly grease spot. Will some of the readers of the Women Folks page tell me how I can remove the spot without spoiling the color of the rug?

McPherson, Kan. Reader.

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The Way Out of the Trust Rut

(Continued from Page 23.)

the 25 cents a bushel protection, plus the cost of carriage, insurance, profit and interest from the port of export to the place of consumption. The protected European farmer has all this, and this is one reason for high prices in Europe. So much for the protective tariff. The other reason is that the European farmer, by his co-operative rural credit systems has made it impossible to form trusts in farm products in Europe such as exist in the United States, but has himself become the trust for his own products.

Future Outlook Bright.

Think it over once, think it over twice, think it over the third time and you will, I believe, agree with me that the simple question of the high cost of living has its root in two other questions: the question of monetary reform and the question of the trust; and that these are, at bottom, but one; the question of the economic status of the American farmer.

Open up to the American farmer the money to which he is entitled from the measure of his assets; let him employ this co-operatively and under the method of commercial accounts, and let him employ part of these funds in co-operatively marketing his products, and you have, first of all, done away with the trust; second, gone far towards solving the monetary question; third, the evil and irksome features of the high cost of living will have disappeared; and this, when done, will render the American republic stronger than any other country in all the world. It is this, on the one hand, or the progressive growth of the trust on the other. If this country is willing to sell its birthright for a mess of pottage; if each citizen is to stand idly by, looking on at the working of a cause which must in its operation devour the liberties of this people, and yet lift no finger to prevent it; if this is to be the prevailing conduct, then is the outlook gloomy indeed, not merely for the American people but for all the peoples in the world.

But you and I know that there is no cause to complain; the American people are waking up to the danger here pointed out, for there is now every indication that the investigations the select committee is to make in Europe in 1913 will lead to the establishment in the United States of a system of rural co-operative credit. And this will enable the American farmer to free himself from the yoke of the trust; remedy the defects of the present monetary system; and relieve the pressure of the high cost of living.

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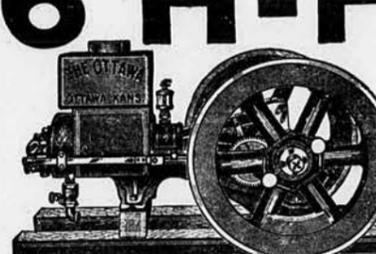
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FOR SALE—High class hunting, sporting, watch and pet dogs; puppies of all varieties a specialty. On receipt of 10 cents we mail highly descriptive illustrated catalogue, which gives full information of 49 breeds of dogs, several breeds of cattle, sheep, swine, rabbits, ferrets. Price list of poultry and pigeons. C. Landis, Dept 126, Reading, Pa.

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50,000 HEDGE posts for sale in car lots. W. H. Bitts, Melvern, Kan.

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Passing Comment

(Continued from Page 5.)

Woolworth building in New York, as the owners of these enterprises do. And yet Mr. Shepherd is under the happy delusion that he does not pay these taxes, and that the single tax is a scheme to "lift from the city dwellers all their personal taxes and saddle them onto the farmers land!"

Then the rent. This is an item far greater than the city taxes which our Clay Center friend now thinks he escapes. Let us take a concrete illustration—Will-

LANDS.

FOR SALE—160 acres 3 miles of Sharon by owner. Box 46, Sharon, Kan.

PROPERTY exchanged anywhere. Write M. Pollett, 3330 State St., Chicago.

FREE BOOK and map about southwest Arkansas. L. E. Smith, Locksburg, Ark.

BARGAIN—Write for price on irrigable alfalfa land. Will Kaesler, owner, Hatton, Kan.

FLORIDA HOMES and orange groves. Write W. N. Mann, Lakeland, Florida, for bargains.

TO TRADE—A good 1/4 sec. for a good 80. Difference can be carried. J. P. Johnson, Brookville, Kan.

BIG BARGAIN—51 sections Texas land. 80% tillable. \$3.75 an acre. Jonas Cook, Chickasha, Okla.

FOR TRADE for central Kansas land. Harness stock, 2 jacks, half cash. Drenning Bros., Salina, Kan.

FOR SALE—Improved 160 a. farm at \$35.00 per acre. J. H. King, Cawker City, Mitchell Co., Kan.

FOR SALE—Improved 1/4 section. Raises alfalfa, wheat, etc. \$8,000. Box 72, Route No. 3, Harper, Kan.

160 ACRES. Improved. \$5,000. Only \$1,000 down. A snap. And other farms. Fred A. Reed, Salina, Kan.

80 ACRES good wheat and corn land. 70 acres now in wheat. Price \$4,500. Address Box 278, Independence, Kan.

BY THE OWNER. 160 acres well improved wheat or stock farm, 5 mi. from R. R. Terms. Ida Robinson, Plains, Kan.

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

FOR SALE—240 acres. Would trade for smaller farm on account of not being able to work. H. B., care Farmers Mail and Breeze.

BEAUTIFUL 160, improved, alfalfa, corn land; close county seat; near Kansas City; bargain price. Geo. A. Wingate, Kansas City, Mo.

SEND postal for list or write me what you want, see what a good proposition I will give you, some good trades. Youngs, Howard, Kan.

160 ACRES CORN LAND. 70 acres cult., 4 miles Benkelman, Nebr. \$12.50 acre, half cash, bal. 10 years 6 per cent. Box 18, Eckley, Colo.

JUST STOP AND THINK. \$11,500 will handle rich irrigated, improved 240 acres in Grande Ronde Valley, Oregon. Sacrifice sale. Y., care Mail and Breeze.

FOR SALE—160 acres unimproved Grant County, Kansas land. Price \$1,500, terms \$250 or \$300 cash. Balance to suit. Write Newton Van Zandt, La Porte, Ind.

N. E. KAN. good quarter well improved, close to town, only a small payment down. Many other bargains in improved farms. Ask for list. Address C., care Mail and Breeze.

WE SELL LAND in several different counties, and if you want a square deal in best farm bargains, write Johns and Stugard, Chanute, Kan. You will see the best when you see ours.

CAREY ACT and deeded irrigated lands, \$40 an acre; 8-year payments; unlimited water; fares refunded purchasers; excursions first and third Tuesdays; homeseekers' rates. Wyoming Development Co., Wheatland, Wyo.

FOR SALE—Sunny Tennessee fertile farms, good water, houses, barns, orchards on each, rural routes, telephones. Sixty-five acres, \$650; 194 acres, \$4,000; forty acres, \$700; 265 acres, \$3,000. Free list. Jenkins & Son, Huntington, Tenn.

FOR SALE—160-acre irrigated fruit, grain and alfalfa ranch; 2 acres produced 1,000 boxes this year; large barn; good house; telephone; city water; 1/4 mile to school; close to town; \$50 per acre. Write owner, L. F. Wade, Cortez, Colo., R. F. D.

POULTRY.

POULTRY SILO—Valuable information. More winter eggs. My experience. Send .03. Alph Leatherman, Moundridge, Kan.

WHITE ROCKS. Another fine lot of large, farm grown cockerels proving to be winners for sale \$2.00 each. A few cocks \$1.50 each. Frank Lott, Danville, Kan.

FARMS FOR SALE.

GOOD improved dairy farm 204 1/2 acres, well located, 3 1/2 miles from Mountain Grove, watered by springs. R. No. 3, Box 57, Mountain Grove, Mo.

FOR SALE—River bottom corn and alfalfa farm, 23 acres in alfalfa, good improvements, close to town. Address Box 56, Tonkawa, Kay county, Okla.

FOR SALE—Good level farm well improved. 3 mi. from Temple, 4 mi. from county seat. At a sacrifice. Small payment down. Write owner, J. O. Butler, Walter, Okla.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 200,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 40c per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

FARM WANTED.

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

SEEDS AND NURSERIES.

150 BUSHELS of re-cleaned alfalfa seed \$8.00 per bu., sacks free. John Ryman, Dunlap, Kan.

FREE. "A salesman that costs you nothing," with special prices on high grade nursery stock. Send us your want list. Brown Nurseries, Hutchinson, Kan.

100 BUSHELS good clean alfalfa seed. Have won 1st prize at Hutchinson State Fair for last three years. \$8 per bu. Sample on request. J. C. Bergner, Pratt, Kan.

MALE HELP WANTED.

\$75.00 MONTH paid Railway Mail Clerks. Examinations coming. Preparation free. Franklin Institute, Dept. J 54, Rochester, N. Y.

WANTED—Railway mail clerks and clerk-carriers for parcels post. Examinations soon. Trial examination free. Write today. Ozment, 38, St. Louis.

PARCELS POST means thousands Railway mail clerks needed. \$75.00 month commences. Write for list positions open. Franklin Institute, Dept. J 54, Rochester, N. Y.

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.

FREE TUITION to one student (either sex) each county. Mail courses bookkeeping, shorthand, typewriting. Books, etc., only expense. Southern Correspondence Institute, 9225, New Orleans.

FIVE YOUNG MEN to fill railroad positions. We qualify you and secure you position. Write or call at once. Armstrong's Telegraph & Railroad School, 911 Grand Ave., Kansas City, Mo.

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.

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 start. 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. National Co-Operative Realty Company, Marden Building, Washington, D. C.

SALESMEN WANTED.

SALESMEN wanted everywhere; cash paid each week; outfit free; write today for particulars. Ince Nursery Company, Lawrence, Kan.

SALESMEN—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyers the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plan. F. M. Hitchcock Hill Co., Chicago.

HELP WANTED.

GOVERNMENT FARMERS WANTED—\$80 to \$75 monthly. Free living quarters. Write Ozment, 38 F, St. Louis.

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. Standard Kansas Roads, Write Inter. Railway, Dept. 66, Indianapolis, Ind.

UNCLE SAM NEEDS STENOGRAPHERS. I will teach you by mail. Twelve years as Government stenographer enables me to properly train my pupils for Civil Service examination. Instruction based on actual experience. Address Harold Gibson, 1010 Paseo, Kansas City, Mo.

GOVERNMENT POSITIONS OPEN TO men and women. \$90.00 month. Annual vacations. Short hours. No "layoffs." Parcels post means thousands of Postal appointments. "Full" unnecessary. Farmers eligible. Write immediately for free list of positions open. Franklin Institute, Dept. J 54, Rochester, N. Y.

AGENTS WANTED.

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.

AGENTS—Would you take a steady job where you can make \$30 weekly and chance to work up to district manager with yearly profits of \$8,000 or more. No experience required. My goods are snappy self-sellers that make and hold customers. Need fifty more agents now. If you want to make big money quick, write today. E. M. Davis, 1052 Davis Block, Chicago.

SALESMEN.

SALESMAN to sell fruit trees; salary on commission. Western Nursery Co., 1750 Mass. St., Lawrence, Kan.

WANTED.

E. R. BOYNTON HAY CO. Kansas City, Mo. Receivers and shippers. Try us.

PATENTS.

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.

HONEY.

CALIFORNIA HONEY sample 10c. Leaflet free quoting prices freight prepaid. Agents wanted. Spencer Apiarics Co., Box 182, Nordhoff, Calif.

MISCELLANEOUS.

LEAF TOBACCO, to chew or smoke. 20 cents pound. True Cutler, Holt, Mo.

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.

FENCE POSTS made from heavy White Oak timber. Ten cents each, car lots. R. R. Reynolds, Onset, Ark.

FREE—Largest illustrated bicycle and motorcycle catalog in the South. Postal brings it. Geo. W. Beardsley, Houston, Texas.

\$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 Berneau Ave., Chicago.

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.

EMIL O. JORGENSON. Manhattan, Kan.

It is best to save eggs for early settings from the older hens rather than from pullets.

iam Astor, for instance. William Waldorf Astor, citizen of England, owns a few acres of land under New York City. From this land he gets about 10 million dollars rent each year. That is to say, Mr. Astor has delivered to his door in London 10 million bushels of American wheat (at \$1 a bushel) or goods equal to that amount. Now Mr. Astor does not raise this wheat, or lumber, or iron ore, or whatever it may be. He simply gets it as rent for the use of the land he owns.

But if Mr. Astor, who would rather stay in Europe than America, does not produce these things, who does produce

them? Why, the American farmers and working classes, of course. So the share Mr. Shepherd gives to William Waldorf is as great as mine, or yours, or Mr. Debs's, or Tom McNeal's.

Now, I would earnestly suggest that Mr. Shepherd get some authoritative book on the single tax and find out what it really is and what it will do. The subject is very important. I would suggest that he get Henry George's own book, "Progress and Poverty," and if he reads it carefully he will see why some men are making millions while we are making dollars, and why the working farmers in the United States are falling under the con-

trol of landlords and capitalists at the rate of 40,000 a year. And when he finds out that the single tax will take the tax from the working classes and put it on monopoly, privilege and land grabbers then I believe he will not hesitate to donate to the Fels Fund commission of Cincinnati, as indeed, every intelligent "hayseed" ought to do.

EMIL O. JORGENSON. Manhattan, Kan.

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.

Why Farmers Don't Farm Better.

Mr. Editor—I want to record a kick against the "farmers' adviser" proposition for the very good reason that you cannot get a competent man to go into any county and tell the farmers how to farm their land. He does not know, neither will he know, till he has lived and farmed in that locality for a number of years and then he will come to the conclusion that 75 per cent of the farmers are following the best possible method from a money-making standpoint, which I will admit is not the best for the land. But you know it's dollars we are all after and not big crops. It's my 30 years' experience we can get more out of a moderate good crop than out of big ones.

We do not want any "farm adviser" yet a while, but we want and want badly a farmers' salesman who would give all his time to buying and selling for the farmers of his county, for if we only could get a sure, profitable outlet for the produce of our farms we can and will go to more expense and raise larger crops, and that without any outside advice, either. I know and admit we farmers as a class are not raising anything like what we might do if we could see our way to make it pay. As we now farm one man has to do the work of two, for it's dollars we are after and not big crops and you will find if you look it up that 75 per cent of the farmers in any county are following the methods that bring them in the most money. This is really not farming at all, it should be called mining, but we must have so many dollars coming in each year and if we go to the expense of putting in a lot of extra work and labor to get a larger crop and then get little or nothing for that crop, how are we to pay our way? Now to illustrate what I say: The college sold a car of good apples to a dealer in this town and I suppose they cost quite a lot to prune, cultivate, spray, pick, etc. I do not know what the college got for them, but it must have been very little, as the dealer sold them here, after paying a big freight bill, for 50 cents per bushel. If every man was to go to the same expense as the college did in raising this crop and got as good a crop, what would apples be worth a bushel? Not much. I doubt if the crop would pay for picking and all other farm crops would turn out the same way. Of course it might suit some city folk to get all the farm products they could use for little or nothing.

As I said before we need a competent salesman to handle our products in every county, one who will bring producer and consumer together. Take hogs, for example, if the farmer had a market for his meat he could kill most of his own hogs and sell it at a much larger profit than he is now getting to city folk and also at a much less price than they now have to pay and they would get as good if not a better article to boot. This would also hold good as to all other produce. It would also keep a lot of hogs out of the packers' hands whose only object is to cheat both producer and consumer.

I am going to sign this Barney O'Flannagan, as I do not want some would-be farm adviser coming around to punch my old mug. Barney O'Flannagan. Ellsworth, Kan.

[The aim of the advocates of better methods is often misunderstood. It is not so much an increased production in respect to the total yield as an increased production in respect to the labor expended that is the object. If by these methods a man can raise as much corn on 30 acres as he formerly did on 60, it would be done with less labor, especially if the remaining 30 acres were turned into pasture or even put in a crop requiring less work. It would be more profitable farming, too. The man who thinks the idea is to get him to raise twice as much stuff and get less money for it has the wrong notion so far as the experts are concerned. The double-cropping argu-

ment has chiefly been worked by the magazine writers in their "starving world" articles and by certain agricultural zealots who are doing more harm than good.—Ed.]

Farmers Should Co-operate More.

Mr. Editor—As I have been a reader of the Mail and Breeze for years and am now paid in advance for three years I feel that I should have a little space to outline some troubles we farmers have to contend with and show how to overcome them. Roosevelt says farmers ought to organize. I know of two union members who got in trouble with each other. Instead of taking their troubles to the courts it was taken before their union and settled to the satisfaction of both men and they both are better off financially and socially, are good friends and meet and do business together. On the other hand if they had gone into court the lawyers would have gotten their money and they would be enemies still.

I raise hundreds of tons of alfalfa hay and a great deal of seed. Instead of shipping it to Kansas City and letting the middleman have all the profit I sell direct to the consumer and divide the profit with him. Hence I get more for my hay and seed and the consumer gets it for less than he could through the middleman.

I believe in the Progressive platform and that the people should rule.

George Schaefer.

Neosho Rapids, Kan.

Poor Housekeepers From the City.

Mr. Editor—Allow me to congratulate Mr. Hartman on his article in the December 14 Mail and Breeze, page 5. It is the best thing I've ever read on the subject. I could see nothing rambling about it. In nine cases out of every 10 wherever you find the slack housekeeper on the farm she is some city girl who has married some good-looking farmer. Of course, there are exceptions, but as a rule you'll find that the city bred girl makes a poor housekeeper on the farm. They are not brought up to work. They spend too much time gadding about to learn to work. I believe it would be a good idea for Mrs. Bullard to start on her crusade of cleaning up close to the city.

S. M. J.

Poultrymen who have tried both, say fine cut alfalfa is as valuable for egg making as the same weight of bran. Are we all agreed on this?



Top-Notch Prices for HIDES and FURS

Ship at once while prices are high. We want your hides and skins, and will pay highest prices for them. No Commission Charged; we buy outright. Check sent you same day goods received. Fur shipments held separate on request and sent back immediately if our returns are not satisfactory. **Honest, Liberal Grading; Full Weights.** Ours is the largest and oldest hide and fur house in the Southwest. Established 30 years. We can and do pay more for furs than other houses because of our tremendous output. Write at once for price lists of furs and free shipping tags.

TRAPS AT FACTORY COST We want more trappers to ship us furs, and will sell supplies at factory cost.

FREE Catalog, Trappers' Guide, and Fur Price-List.

E. W. Biggs & Co.
431 Biggs Bldg., Kansas City, Mo.

HIDES AND FURS

We will pay you the highest prices on your hides and furs. We build our business by giving every man a square deal. We charge no commission, we send you a check the same day shipment is received. We treat you right. The house that has been successful for half a century could not stand if it did not satisfy its shippers. Try us and see. Write for circular and tags. See our quotations on market page.

JAS. C. SMITH HIDE CO., Topeka, Kansas



THE G. L. HAWLEY

Poland China Sale!

Horton, Missouri

Wednesday, January 22

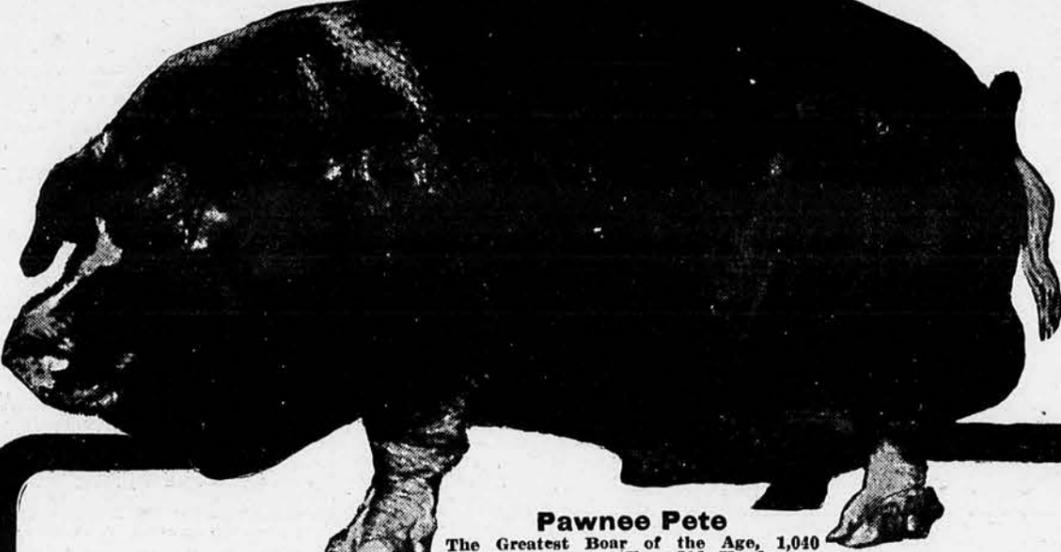
Sixty Head, Ten Males, Forty Bred Sows and Ten Open Sows (all of them good ones)

The sows are bred to my four herd boars of the following breeding:
Dan Hadley 2nd 57378 (a litter brother to the Roy Johnston Dan Hadley), by Big Hadley, out of Kansas Queen, by Expansion John, second dam Kansas Queen 2d; **Osage Leader 63138**, by Grand Leader, by Grand Look, Jr., by Grand Look, out of Blue Valley Lilly, by Blue Valley Special 2d; **Gov. Expansion**, by Expansion Wonder.

Sows by Big Hadley, John Ex, Dan Hadley 2d, King Blain, Quality King, Osage Leader, King Ex 3d and Mo's Hadley, by Dan Hadley 2d.

Guarantee, terms and condition stated in the Catalogs. (Send for one.) **Come to the sale if possible.** Bids will be properly cared for sent to Ed. R. Dorsey, the fieldman; Col. J. W. Sparks or J. K. Harmon in my name.

G. L. HAWLEY, Horton, Mo.



Pawnee Pete
The Greatest Boar of the Age, 1,040 Pounds as a 3-Year-Old, Heads

Robinson's Mammoth Poland Chinas

The home of the 1000 pound boars—700 pound sows—big Polands that are big—actual weight no guess work—the long, deep, heavy boned, easy feeding, quick maturing kind—extreme size plus extreme quality—I will sell 50 head of this kind at

Maryville, Mo., Wednesday, January 29, 1913

The greatest lot of Mammoth Polands combining show ring quality ever offered—everyone carrying the biggest and best blood of the breed—everyone a great individual—50 head—21 tried sows—29 spring and fall yearlings sired by Pawnee Pete, Prince Ito, Big Pete, Prince Tom, Giant Dick, Sterling Prince, Spotted King and bred to Pawnee Prince, Prince Tom, Spotted King, Monticello Boy and Tom's Model—sows averaging 600 pounds, yearlings and gilts up to 500 pounds. Will also sell my herd boars, Prince Tom and Pete's Best, full brother to Pawnee Pete.

None Bigger. None Better Bred. None Bred Better.

I know my hogs will suit the most critical. I believe it so strongly I have made a broad, liberal and ironclad guarantee that they suit or your money back. Read the field notes. Get my illustrated catalogue and read my guarantee also full and complete description of this great offering. Address, mentioning this paper

F. P. ROBINSON, C. H. WALKER, Fieldman.
R. P. HOSMER, Auctioneer. **Maryville, Mo.**

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 1124 So. Market St., Wichita, Kans.
J. W. Johnson, 820 Lincoln St., Topeka, Kan., N. W. Kansas and S. Nebraska.
C. H. Walker, N. E. Kansas, N. Missouri, 3632 Flora Ave., Kansas City, Mo.
Geo. W. Berry, N. Nebraska and W. Iowa, Copper Bldg., Topeka, Kans.
H. W. Graham, E. Iowa and Illinois, Chillicothe, Mo.
E. R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kans.

PUREBRED STOCK SALES.

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

Combination Horse Sale.

Feb. 12-13-14—L. E. Wooderson, Mgr., Caldwell, Kan.
Feb. 22—Mitchell County Breeders' Association, Beloit, Kan.

Percheron Horses.

Jan. 15—J. W. Barnhart, Butler, Mo.
Jan. 23—H. E. Fisher, Danville, Kan.
Feb. 20—The Knuckles Co., (Nebr.) Horse Breeders' Assn., Percy Baird, Sec., at Lincoln.
Mar. 5—J. C. Robinson, Towanda, Kan., and Willard R. Brown, Minneapolis, Kan., at K. C., Mo., Stock Yards.
March 12th—L. H. Luckhardt, Manager, Tarkio, Missouri.

Percherons and Jacks.

March 6—S. J. Miller, Kirksville, Mo.

Jacks and Jennets.

Feb. 4—Platte Co. Jack Sale Co., J. B. Dillingham Mgr., Platte City, Mo.
Feb. 25—Hutchins & Hineman, Sterling, Kan.
Feb. 6—Limerick & Bradford, Columbia, Mo.

Poland China Hogs.

Jan. 17—S. A. Roberts, Knoxville, Ia.
Jan. 21—Peter Ellerbrook Est., Sheldon, Ia.
Jan. 22—E. Gritters, Hull, Ia.
Jan. 22—G. L. Hawley, Horton, Mo.
Jan. 25—Phil Dawson, at St. Joe, Mo.
Jan. 29—F. P. Robinson, Maryville, Mo.
Jan. 30—C. W. Jones, Solomon, Kan.
Jan. 30—B. T. Wray, A. O. Stanley, V. O. Hunt in combination sale at Sheridan, Mo.
Feb. 1—Podendorf & Rainier, Logan, Ia.
Feb. 5—J. L. Griffiths, Riley, Kan.
Feb. 5—Williams Bros., Villisca, Iowa.
Feb. 6—H. Pesenmeyer, Clarinda, Ia.
Feb. 7—Olivier & Sons, Danville, Kan.
Feb. 7—J. O. James, Braddyville, Ia.
Feb. 12—T. J. Melsner, Sabetha, Kan.
Feb. 14—H. B. Walter, Effingham, Kan.
Feb. 14—C. M. Prater, Oxford, Kan.
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 18—Bert Harriman, Pilot Grove, Mo.
Feb. 19—W. B. Wallace, Bunceton, Mo.
Feb. 21—R. W. Halford, Manning, Ia.
Feb. 22—C. L. Branich, Hiawatha, Kan.
Feb. 22—C. C. Ingram, Bloomington, Neb.
Feb. 25—Deming Ranch, Oswego, Kan.
Feb. 26—J. W. Pfander & Sons, Clarinda, Ia.
Feb. 26—L. R. McClarnon, Braddyville, Ia.
Mar. 7—I. E. Knox, South Haven, Kan.

Duroc-Jersey Hogs.

Jan. 22—H. E. Fisher, Danville, Kan.
Jan. 16—H. B. Miner, Guide Rock, Nebr.
Jan. 16—F. C. Crocker, Filley, Neb.
Jan. 22—Thompson Bros., Garrison, Kan.
Jan. 24—John Higgins, Abilene, Kan.
Jan. 29—W. E. Monasmith, Formoso, Kan.
Jan. 30—Leon Carter, Asherville, Kan.
Jan. 31—W. H. Seddon, Persia, Ia.
Feb. 1—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.
Feb. 3—R. J. Harding, Macedonia, Ia.
Feb. 4—J. O. Hunt, Marysville, Kan.
Feb. 5—Mosier & Fitzwater, Goff, Kan.
Feb. 5—Samuelson Bros., Cleburne, Kan.
Feb. 6—Samuelson Bros., Blaine, Kan.
Feb. 7—Agricultural College, Manhattan, Kan.
Feb. 7—A. T. Cross, Guide Rock, Neb.
Feb. 8—Geo. E. Garrett, Bloomington, Neb.
Feb. 11—H. H. Shaw, Hebron, Neb.
Feb. 19—E. M. Myers, Burr Oak, Kan.
Feb. 19—Geo. W. Schwab, Clay Center, Nebr.
Feb. 20—Rinehart & Son, Smith Center, Kan.
Feb. 20—Chas. Stith, Bureka, Kan.
Feb. 21—W. C. Whitney, Agra, Kan.
Mar. 5—Sam'l Drybread, Elk City, Kan.
Mar. 6—Marshall Bros., Burden, Kan.
Mar. 7—W. W. Otey & Sons, Winfield, Kan.

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Your account was correct and the ad has brought us good returns. Yours truly,
WILLIAMS & PICKENS,
Real Estate Dealers.
Meade, Kan., Dec. 14, 1912.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—The cattle are doing fine, sales are good. Three days after every issue of the Mail and Breeze I receive from 10 to 15 inquiries. I sold three bull calves last week, and have a number of deals hanging fire that I may close up soon. Yours very truly,
H. C. LOOKBAUGH,
Breeder of Shorthorn Cattle.
Watonga, Okla., Dec. 16, 1912.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

Berkshire Hogs.
Feb. 7—Agricultural College, Manhattan, Kan.

O. I. C. Swine.

Feb. 6—H. L. Bode, Friend, Neb.
Feb. 7—Chas. H. Murray, Friend, Neb.

Hampshire Hogs.

Jan. 23—T. W. Lavelock, Princeton, Kan.

Holsteins.

Feb. 4—Rock Brook Farm, Omaha, Neb.

Herefords.

Jan. 13—Ben Anderson, Knox City, Mo.
Feb. 26—Warren T. McCray, Kentland, Ind.
March 4-5—Funkhouser, Gabbert & Others at Kansas City. R. T. Thornton, Mgr., 1317 East 15th St., Kansas City, Mo.

Shorthorns

Feb. 6—C. G. Cochran & Sons, Plainville, Kan., at Lamer's sale barn, Salina, Kan.

Kansas and Oklahoma.

BY A. B. HUNTER.

A Good Farm Home at Auction.

H. E. Fisher, Danville, Kansas, on Wednesday, January 22nd, will offer at auction, West Riverside Stock Farm. This is a delightful home and a highly improved farm, located 65 miles southwest of Wichita in the eastern part of Harper Co., Kans. It contains 160 acres, mostly deep, rich bottom land soil and admirably adapted to alfalfa of which there are already 30 acres growing. The farm is well watered by living stream; plenty of native shade for stock; fenced and cross fenced, hog tight;



H. E. Fisher, Danville, Kan., whose farm sells at auction Wednesday, January 22nd.

is in a high state of cultivation and produces immense crops. Is only one mile to school, 1 1/2 miles to grain elevator and 4 miles to market. If you want a highly improved farm you cannot afford to overlook this proposition. Mr. Fisher is leaving the country and will make his future home in Kentucky. He is selling this farm in order to close a deal back there. This farm will sell to the highest bidder. No "by" bidding will be allowed and everything absolutely guaranteed strictly on the square. After the farm is sold Mr. Fisher will sell all of his farm machinery and stock including his fine herd of Durocs, consisting of 30 bred sows and gilts, 20 fall and summer males and gilts; 25 of these sows are bred to the great breeding boar Graduate Col. 28279A. A picture of the house and barn appears in a display ad of this issue. If interested please turn to this display ad and for further particulars address H. E. Fisher, Danville, Kans.

Wiley's Percherons and Belgians.

L. R. Wiley, Emporia, Kans., never was in better shape to supply his patrons with purebred Percheron, Belgian and Shire stallions and mares than at the present time. Mr. Wiley believes in the theory of quick sales and small profits as the total footing of his yearly sales will prove. He has had a broad experience in the horse business and his ability to select a horse with a good pedigree should be of value to his customers. Every horse is selected with care in regard to breeding and individuality. Included are Chicago, International and Illinois State Fair prize winners. Come to Emporia and look these horses over for yourself. You will find here a few 2-year-old Percherons and Belgians weighing over a ton and several 2-year-old Percherons that tip the scales at between 1800 and 1900 pounds. Every one of Mr. Wiley's horses have been examined by the veterinarian authorized by the state of Kansas and found to be of pure breeding and sound. A state license signifying the same will be given with each horse sold. Mr. Wiley has one of the best equipped breeding and importing establishments to be found in the west. His sale barns are located only a few blocks from the Santa Fe depot. Write your wants today or call at his barn soon. Please mention this paper.

Fisher Sells Durocs and Percherons.

H. E. Fisher, Danville, Kans., will hold a 2-days' sale. On January 22nd he will sell at public auction the stock farm on which he lives, consisting of 160 acres, well improved, good rich soil, running water, natural shade, fenced and cross fenced, one of the best stock farms in Harper county. On the same day he will sell at auction 60 purebred registered Durocs consisting of 20 tried sows, most of them herd sows seldom equalled in any herd, all immune to cholera; 20 summer and fall gilts; 5 spring gilts; 15 spring and summer boars. The sows and gilts of breeding age are

most all safe in pig to the famous Graduate Col. The spring, summer and fall boars and gilts are most all by Graduate Col., whose progeny has perhaps won more prizes than that of any living Duroc boar. This will be a great place to buy fashionably bred Durocs, so don't forget the date. On Thursday, Jan. 23rd, Mr. Fisher sells 18 head of horses, and all his heavy farm machinery. Among the horses are included 4 purebred Percherons, 1 span of big year old mares bred to a son of Casino, one good 2-year-old Percheron filly and a 5-year-old son of the Champion Casino. Also 10 high grade Percherons and a few good drivers. The high grade Percheron mares are bred to this son of Casino. Implements to be sold will include a gas tractor, engine plow, Case steel separator, power hay press, Duplicate feed grinder with alfalfa and hay attachment, all nearly new. Write today for catalog and full particulars regarding what you want.

Big Type Poland Chinas.

A. R. Enos, Ramona, Kans., not only has the big type but many of them are fancy in finish with quality enough to win at the shows. Mr. Enos has been in the hog breeding business for 14 years and with a happy blend of Big Hadley and A Wonder blood has succeeded in producing a herd of hogs that has few equals. Knox All Hadley, by Big Hadley has been at the head of this herd for sometime and his get crossed with A Wonder's Equal perhaps one of the very best sons of A Wonder has produced the largest, evenest, fanciest lot of summer and fall pigs Mr. Enos has ever offered. Mr. Enos is now offering these pigs, also sows and gilts bred to A Wonder's Equal and if you want something good write him today. Please mention Farmers Mail and Breeze.

Kansas and Nebraska.

BY J. W. JOHNSON.

Geo. Philippi, Lebanon, Kan., will sell a draft of bred sows and gilts from his "Little Oak" herd of Durocs on February 1. The sale will be held in Esbon, Kan., which is conveniently reached on the Rock Island. He will sell a choice lot of fall Island. He will sell a choice lot of fall Island and spring gilts most of them sired by Red Ruler, by Golden Ruler, by Pearl's Golden Rule. All of his best gilts have been reserved for this sale and it will be one of the good sales that will be held on the Rock Island this winter. We will have more to tell you about this offering in our next issue.

Dawson Sells in Missouri.

Phil Dawson, Nebr., and W. E. Willey of Steel City, Nebr., two of the best known big type Poland China breeders of Southern Nebraska, will hold their annual bred sow sale at the Livestock pavilion, South St. Joseph, Saturday afternoon, Jan. 25th. Twenty-five choice sows and gilts of strictly big type breeding go in this sale bred to such boars as Defender 54201, Skylark the first prize yearly and champion of three state fairs and winner at the Kansas City Royal. There will be one sow by Old Expansion bred for an early March farrow, also a number of good grand daughters of Old Expansion and most of these sows will be immune. There will also be 5 young boars of serviceable age that are really herd header material. Bids may be sent to any of the auctioneers in care of Phil Dawson or W. E. Willey at Edicott and Steel City. Look up their advertisement in this issue.

Griffiths' Top Offering.

J. L. Griffiths, Riley, Kan., will be remembered as the Poland China breeder that made the top average last winter on bred sows and he is sure to be close to the top with an offering much stronger than his last winter's offering was. Of course there is a certain amount of speculation about the public sale business and sometimes the best offering don't bring the high dollar because conditions are against the sale and here is where Mr. Buyer gets in and buys bargains. If you are going to be in the

SHORTHORNS.

SHORTHORN CATTLE
POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable. Thos. B. Murphy & Sons, Corbin, Kas.

SHORTHORNS

8 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, L. M. NOFFSINGER, OSBORNE, KAN.

Scotch and Scotch Tops

A pure Scotch two-year-old bull and young bulls, Scotch and Scotch topped, of serviceable ages. Also a few good cows and heifers. S. B. AMCOATS, CLAY CENTER, KANSAS.

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

ABILENE : : KANSAS

Herd Established Over 25 Years Evergreen Crest Galloways

Twenty cows and heifers for sale, either registered or high grades. All two years old and over are bred to Flagstaff 29295 and Sally's Othello 38696. Anyone desiring a herd of breeding cows should inspect this offering. Also two yearling bulls for sale. J. & W. R. CLELLAND, NEW HAMPTON, MISSOURI.

Holstein Cows and Heifers at Bargain Prices

On account of shortage of ensilage crop in N. Y. state I am shipping west 300 head of high-grade Holstein heifers and cows, 2 to 5 years of age. These are arriving in lots of 50 every week and I will make attractive price to men that can handle a carload. All tuberculin tested and bred to registered bulls. Also a few registered bulls ready for service. ROCK BROOK FARM, STA. B, OMAHA, NEB.

LIVESTOCK AUCTIONEERS.

Wm. H. Harper, LIVESTOCK AUCTIONEER,
GLASCO, KANSAS. Phone for Dates.

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

JOHN D. SNYDER, HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

J. H. JONES, LIVE STOCK
600 Kan. Ave., Topeka
and farm sales solicited. 16 years experience.

Late Burger Live Stock and Real Estate Auctioneer
Wellington, Kan.

L. R. BRADY, LIVESTOCK AUCTIONEER
Manhattan, Kan. Write or wire for dates.

COL. S. B. YOUNG, Osborne, Kan.
Livestock Auctioneer. Write for dates.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE FOR DATES.

JAS. W. SPARKS Live Stock Auctioneer
MARSHALL, MO.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

G. G. DENNEY GUIDE BOOK, Nebr. Livestock Auctioneer. Pure bred stock sales and big farm sales. Write or phone.

R. H. DENGATE, Lucas, Kan.
LIVESTOCK AUCTIONEER.
DATES CLAIMED ARE PROTECTED.

N. S. HOYT, Mankato, Kan.
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

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 references.

Col. N. B. PRICE, Mankato, Kan., LIVESTOCK AUCTIONEER.
Phone or write for dates. Bonney K. heads my Duroc-Jersey herd

COL. FRANK REGAN, ESBO, KANSAS.
Livestock Auctioneer. Write for open dates.

G. A. DRYBREAD Elk City, Kans. Live stock and farm sales made anywhere. Give me a trial. Satisfaction guaranteed.

FRANK J. ZAUN FINE STOCK AUCTIONEER
INDEPENDENCE, MO. Bell Phone, 675 Ind.
"GET ZAUN, HE KNOWS HOW!"

R. L. HARRIMAN
Live Stock Auctioneer
BUNCETON, MISSOURI

Col. Oscar H. Boatman Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

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 18221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

FOR WISE FEEDERS
"I have been able to market my cattle 30 days earlier by using your EXCELLO CATTLE FATTNER."—E. G. Mendenhall.
If YOU want to make money, write at once to
Excello Feed Milling Co.
St. Joseph, Mo.

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CHAS. MORRISON & SON, Phillipsburg, Kan.

DAIRY CATTLE.

HOLSTEINS FOR SALE—30 head of registered heifers and males, also 72 head of fine bred heifers and young cows, \$58.50 and up. Come and see them. M. F. KNUDSEN, CONCORDIA, KANSAS.

FOR SALE 25-gallon Dairy Route and fifteen cows for sale. Located in University town in Northeastern Kansas. For particulars address BOX 477, BALDWIN, KANSAS.

Public Sale Holstein Cows and heifers, Jan. 22, 1913. Also heavy draft mares, and 1 grade stallion. Sale at farm 2 mi. south of Holton, Kan. Col. H. F. Erdley, Auct. G. F. Mitchell.

BANKS' FARM JERSEYS Quality with milk and butter records. One of the best sons of CHAMPION FLYING FOX, imported, at head of herd. Stock for sale. W. N. BANKS, Independence, Kan.

LINSCOTT 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, HOLTCN, KANSAS

OAK HILL HOLSTEINS Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. Heifers bred. Also a few fresh cows. All tuberculin tested. BEN SCHNEIDER, NORTONVILLE, KAN.

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

HOLSTEINS FOR SALE Bred yearling heifers; 2-year-olds, fresh this winter; a few young cows, milkers and springers; also bulls, high-grade and registered, up to 18 months of age. IRA ROMIG, Sta. B., TOPEKA, KANSAS.

Holstein-Friesian Bulls For sale—choice young bulls, sired by Piorterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. W. C. Jones, Rural 2, Topeka, Kan.

Holsteins!

I will sell the following high grade Holsteins, many of them practically full bloods, and in good condition: 50 yearling heifers and 50 1 1/2-year-old heifers just being bred to a son of a 24 lb. dam; 100 2 to 2 1/2-year-old heifers and 100 2 1/2 to 3-year-old heifers bred to a high class registered bull, to freshen from Dec. 1st, 1912, to March 1st, 1913. 100 matured cows, very heavy producers, springing up ready to freshen soon, most of them in calf from registered bulls. A number of high colored registered bulls, ranging in age from 6 months up, out of heavy producing dams, and selected especially to head choice herds. Can fill any order from one animal up. Have a small surplus of excellent registered cows and heifers I will dispose of. Also have 100 head of high grade Guernsey cows and heifers from yearlings up. Write me regarding your wants. JAMES DORSEY, Gilberts, Illinois

HEREFORDS.

BLUE GRASS STOCK FARM Herefords Cows, Heifers and young bulls for sale. 100 head in herd. Breeding matrons by Millant, Lamplighter, Shadeland Dean 22d, 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. Priced right and worth the money. KLAUS BROS., BENDENA, KANSAS.

Mathews' Registered Herefords For sale. 36 bulls, 9 to 21 months old and 20 early spring heifer calves. The kind that will make you money. FRED MATHEWS & SONS, Kinsley, Kan.

Star Breeding Farm HEREFORDS Headed by Topphon 4th. 90 Bulls, 14 to 30 mos. Single or carloads. Can spare a few females in lots to suit buyer. DUROCS Of most fashionable breeding headed by Model Top 77405. Choice individuals of both sexes for sale at all times. Sam'l Drybread, Elk City, Kansas

Modern Herefords

ROBT. H. HAZLETT Hazlford Place Eldorado, Kansas

POLLED DURHAMS. Polled Durham Bulls Six well bred young bulls and a limited number of cows and heifers for sale. O. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Minn, 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.

market for a few extra choice bred sows this winter you take it from us and attend the J. L. Griffiths sale, Riley, Kan. The offering will prove one of the strongest to be made in Kansas this winter. Everything is immune, which should prove a drawing card to buyers this winter. Catalogs will be ready in a few days and you can have one by dropping Mr. Griffiths a postal card with your address. Watch for his display advertisement which will appear soon. Take a lunch and attend this sale. Write for a catalog tonight.

Thirty-five Duroc-Jerseys.

January 29 is the date of W. E. Monasmith's annual sale of Duroc-Jersey bred sows which will be held at his farm near Formoso, Kan. It is the day before the Leon Carter sale at Asherville, Kan. and both sales can be attended conveniently. We visited Mr. Monasmith on January 1, and enjoyed a fine dinner with Mr. and Mrs. Monasmith. "Billy" Monasmith is well known in northern and central Kansas and was married last July. Mrs. Monasmith is a Jewell county girl and takes an equal interest with Mr. Monasmith in farming and stock raising. We enjoyed a very pleasant afternoon with them. Mr. Monasmith is only including 35 head in his January 29 sale and it will be one of the strongest offerings ever made in Jewell county. It will consist of 20 spring gilts and 10 fall gilts with five tried sows. His advertisement will appear later.

Buy Sunkist Chief Litters.

This is the last call for the H. B. Miner sale of Duroc-Jersey bred sows at Guide Rock, Nebr., Thursday, January 16. The sale will be held in town in comfortable quarters and will prove one of the best offerings that Mr. Miner has ever made and he has made some good ones. Twenty-five of the offering are fall gilts sired by old Model H. and bred to Sunkist Chief, for early spring farrow. These fall gilts have been considered all along one of the best lots in the country. The 25 have been selected from a much larger number and are a choice lot. There will be 10 very choice tried sows bred to Model H. These sows are many of them the dams of the fall gilts. Arrange to attend this sale and if you can't possibly do so send your bids to the Farmers Mail and Breeze representative in care of Mr. Miner.

Last Call for Crocker.

This is the last call for the F. C. Crocker sale of Duroc-Jersey bred sows at Beatrice, Neb. Mr. Crocker, who is a well known breeder at Filley, Neb., is making this sale at Beatrice because it will enable Kansas breeders interested to attend much more conveniently as Beatrice is on the Manhattan and Lincoln branch of the Union Pacific as well as the Rock Island from Horton and Belleville. He is selling 50 extra choice spring gilts and by looking up his advertisement, which appears in this issue you will see they are fashionably bred and from what is probably the largest herd in any western state at least. Mr. Crocker will be pleased to mail you his catalog and all you need to do is mail him your address on a postal card. He ships on approval and guarantees everything. Ask him for a catalog and if you can't attend send your bids to the Farmers Mail and Breeze representative in his care at Beatrice, care Paddock hotel.

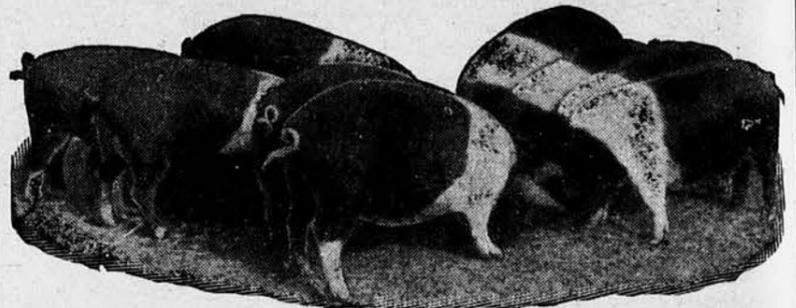
Mitchell Co. Horse Sale.

At a meeting of the Percheron horse breeders of the Mitchell County Breeders Association last Saturday, it was decided to hold a combination sale at the Fair Grounds, Beloit, Feb. 22. Forty head will be sold. The consigners are J. A. Gifford, Beloit; F. A. Cole, Barnard; M. A. Smith, Cawker City; Chas. Albert, Glen Elder; Jos. Wear & Son, Barnard; R. W. Dudley, Glen Elder; Chas. McCleary, Beloit, and others. The sales committee is J. A. Gifford, M. A. Smith and C. Hansen. Mitchell county has long been conceded a fine stock center and it is believed that there are more individual breeders of Percheron horses in this county than any other in the west at least. In this sale will be one consignment, that of Jos. Wear & Son, of Oldenberg German Coach horses, also a number of Standard bred horses with two or three Mammoth jacks. The entire offering is going to be classy from start to finish. During the past 4 years thousands of dollars' worth of Percheron horses have been shipped into Mitchell county all of a high class. Two big dispersions have been made during the past 2 years but most all of the best in both sales remained in Mitchell County. This offering is mostly young stuff and of the best of breeding and individual merit. There will not be an animal placed in the sale that has been bought and offered purely on a speculative basis. The offering is the natural increase from Mitchell county herds together with a few very desirable stallions and mares that have been in service in this county. It will prove a strong offering made by men who are trying to build up a horse industry in their county. Further information about the sale and what it will contain will be made later. J. A. Gifford, Beloit, would be a good man to address for further information.

Can Buy Good Hogs Here.

One of the best sales of Duroc-Jersey bred sows to be held in Kansas this winter is the John Higgins sale at Abilene, Kan., January 24th. His advertisement appears in this issue. John Higgins has drawn from a number of Eastern herds and was one of the good buyers in the top Iowa Duroc-Jersey bred sows' sales last winter. He had exceptionally good luck in raising fine litters from these fashionably bred sows and it is the tops from these litters that go in his January 24th sale. There will be a few choice tried sows included in the offering, but none of them over 2 years old. There will be one by Proud Chief, one by Valley King, and a number of her daughters, sired by Crimson Wonder Again, also one sired by Crimson Wonder Again, and one by Buddy K 4th. These tried sows are all attractions and the best of producers as will be evidenced sale day by their produce. Last June Mr. Higgins bought from E. H. Gifford, Lewiston, Nebr., the tops of his spring gilts that were sired by Good Snuff Model, the Nebraska State Fair championship bar. Mr. Higgins while fully aware that his offering is one of unusual merit is not expecting fancy prices. To use his own expression he is not offering a consignment of "fat-backs" but the entire offering is in

Hampshire Bred Sow Sale



Ottawa, Kan., January 23, 1913

60—Bred Sows and Gilts—60

Sired by the 895-pound PRAL-RIE KING; the Great Show Boar, WIDOW'S MODEL, one of the Best Large Boars, and Other Noted Sires. Bred to the Superb Show Boar, KANSAS MODEL, WIDOW'S MODEL and Other Good Boars.

I extend a cordial invitation to breeders and farmers to attend this, my second annual sale of Hampshire Hogs. The Hampshire Hog is attractive, active, most prolific, a good rustler and sells at the top of the market when fattened. In breeding these hogs I have spared no pains in trying to secure the best individuals and best blood lines of the breed. This offering has been selected and reserved with the view of making it fairly representative of my herd, and in the broader sense, reflect credit on the breed. This is the opportunity to secure the hog that will improve your stock and make a profitable investment.

Auctioneer—Col. Thomas E. Deen. Write for the Catalogue.

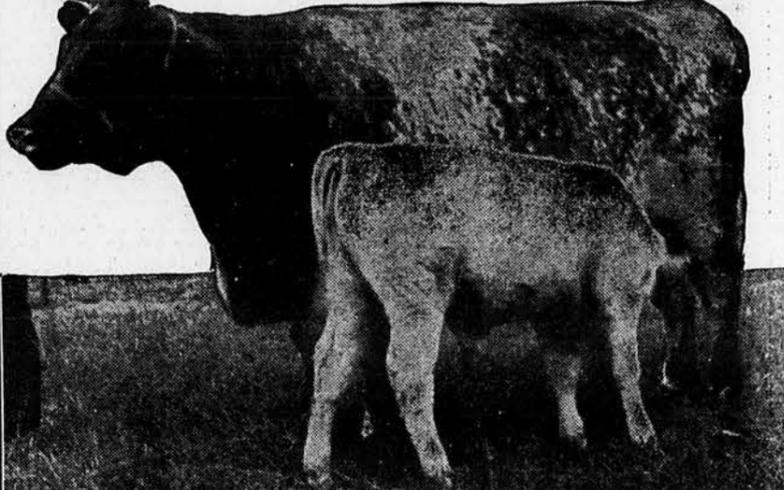
T. W. LAVELOCK, Princeton, Kan.

Lookabaugh's Shorthorns

Sold on Time at Private Treaty

Six or nine months if desired. What we want is your trial order. We don't need the money. We want you to come and buy. We want regular customers and shall try hard to please you.

Young Heifers and Bulls at \$50, \$75 and \$100 each. Two Heifers and a Bull, not related, \$200 for the three. Herd Header Material is Scarce. We have a few. They are priced right. Come early and get first choice.



Over 200 Head From Which to Select

A great variety of prize winners and prize winning blood. Breeding stock of both sexes and all ages. If you want breeding stock, don't miss this opportunity. As many good Shorthorns cannot be seen on any other farm in the whole Southwest.

Cows with Calf at Foot and Re-bred. Richly Bred Young Things, Show Prospects. Handsome Young Bulls, Herd Header Material. Rugged Young Bulls, the Farmer and Stockman Kind. In fact a splendid array of foundation Shorthorns, that carry the blood of the best families and the most noted sires of the breed. Don't wait, but come and get your first pick. Visitors always welcome at Pleasant Valley Stock Farm. Write your wants today. Address H. C. Lookabaugh, Watonga, Okla.

January 11, 1913.

GALLOWAYS.
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. In suit your wants. Write to
CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd
 REGISTERED BULLS. 20 GALLOWAYS and RED POLLS. 10 to 20 months old. Priced to sell.
E. E. FRIZELL, LARNED, KANSAS

ABERDEEN-ANGUS.
Angus Bulls For Sale
 bred by Rutger Heatherson 3d 118104, Presto 133774 and Professor Kurtz 135693. Ready for service including two choice Blackbirds. Priced right. Satisfaction guaranteed.
W. G. DENTON, DENTON, KANSAS.

ANGUS CATTLE
 Bulls and females for sale; singly or in carload lots. Address **SUTTON & PORTEOUS** Lawrence, Kan.

MULE FOOT HOGS.
Mule Foot Hogs More premiums won in 1912 than any herd in the U. S. Bred sows, some extra spring farrow boars and pigs in pairs not related. Pedigrees furnished. **ZENE HADLEY, R. F. D. 5, WILMINGTON, OHIO.**

HAMPSHIRE.
Pure Bred Hampshires
 Inspect our herd or write for prices. Our motto is to please. **ALVIN LONG, Lyons, Kansas.**

WRITE J. F. PRICE,
 Medora, Kans.
 For prices on Pedigreed Hampshire Hogs

REGISTERED HAMPSHIRE HOGS
 of various ages not akin; two registered and one grade Dutch Belt bulls, also spotted Arab stallion.
C. W. WEISENBAUM, ALTAMONT, KAN.

Try The White Belts
 Special prices on boars. Sale of bred sows and gilts
January 23, 1913
T. W. Lavelle, Princeton, Kas.

BERKSHIRES.
Hazlewood's Berkshires!
 Choice spring boars and gilts priced to sell. Write today. **W. O. Hazlewood, R. 8, Wichita, Kansas**

WAITE'S BERKSHIRES.
 Choice young Boars and Gilts, also tried sows. Most famous Robins Hood Blood. We guarantee satisfaction. Call or write **LEON A. WAITE, WINFIELD, KAN.**

GOOD SOWS BRED
 to champions and grand champions. I also have some splendid fall pigs that I will sell single or in pairs no kin.
C. G. NASH, Eskridge, Kan.

BERKSHIRES, SHORT-HORNS and JERSEYS
 FOR SALE—25 boars by Robins Hood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berrington Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.
W. J. GRIST, ::: OZAWKIE, KANSAS

O. I. C. SWINE.
40 Choice O. I. C. Pigs H. W. Haynes, Meriden, Kan.

EDGEWOOD O. I. C's. Choice gilts and fall pigs; also tried sows!
HENRY MURR, TONGANOXIE, KANSAS.

Two Herd Boars
 For sale and choice bred gilts at \$25 while they last.
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. 125 HEAD HOGS Bred Sows and Service Boars
W. H. Lynch, Reading, Kansas.

Kent's Iowa Herd 200 good lengthy heavy boned bred sows for sale from my great State Fair prize winning herd bred for March and April farrow. It will pay you to write me today for prices and the way I will ship these hogs before paying for them. **Thos. F. Kent, Walnut, Ia.**

Neef's Cholera Proof O. I. C's.
 Boars of all ages from 8 weeks to yearlings. Also prize sows bred and gilts bred or open. Can furnish pairs or trios, no kin. Herd headed by O. K. Perfection, by O. K. Winner, and Neef's Oak, by White Oak. All stock priced worth the money. **Riverside Farms, JOHN H. NEEF, Prop. Boonville, Mo.**

the best possible breeding condition, and have had the same care as the sows and gilts which are being reserved by Mr. Higgins for his own use. They have had access early in the season to a 40-acre field of alfalfa and wheat and have been fed a balanced ration of mill feed and a very limited amount of corn. He has issued an attractive catalog which will be mailed promptly to any one sending his name and postoffice address. Those who cannot attend the sale in person may be represented in the sale by sending their bids and instructions to J. W. Johnson, Fieldman, Farmers Mail and Breeze. Such letters should be addressed in care of John Higgins, Abilene, Kan.

Good Polled Durham Sale.
 The sale of Polled Durham cattle, made by Achenbach Bros., Washington, Kan., last Thursday was well attended and the prices received were very satisfactory. The sale was held in a big sale tent at the farm joining town and was filled to capacity with the biggest crowd of farmers and breeders seen at a sale in northern Kansas this fall. Col. Geo. Bellows, who conducted the sale, complimented the big crowd on their manifest interest throughout the sale and liberal bidding. The average of \$140 on the 37 head was considered just fair prices considering the high quality of the offering. The Baron, their great herd bull, sold for \$245 to John Frost, Blue Rapids, W. A. Prewett of Asherville, Kan., was the heaviest buyer, buying 12 head. It was conceded that some of the best bargains of the sale went to Mr. Prewett. There were a number of well known breeders from Kansas and Nebraska in attendance. Achenbach Bros. made many friends for themselves and their splendid herd of Polled Durhams. Below is a list of the buyers:
 1—John Frost, Blue Rapids, Kan. \$245.00
 2—W. A. Prewett, Asherville, Kan. 155.00
 3—J. W. Meitler, Washington 120.00
 4—Geo. Kozel, Morrowville, Kan. 115.00
 5—L. A. Hansen, Clifton, Kan. 135.00
 6—O. Grimm, Haddam 145.00
 7—Theo. Stone, Washington 115.00
 8—J. F. Whitson, Washington 105.00
 9—J. G. Hose, Clyde, Kan. 120.00
 10—H. A. Johnson, Red Cloud, Neb. 125.00
 11—L. Reep, Washington 157.50
 12—S. S. Pheasant, Beatrice, Neb. 155.00
 13—F. T. Junghans, Junction City, Kan. 135.00
 14—Fred Myer, Clifton 120.00
 15—E. M. Snider, Pawnee, Neb. 180.00
 16—H. S. Hackett, Haddam 130.00
 17—Clyde Miller, Mahaska, Kan. 125.00
 18—County Farm, Seward county, Neb. 200.00
 19—Carl Wilson, Washington 150.00

Kansas, Missouri and Iowa.
 BY C. H. WALKER.

Last Call—Anderson's Sale.
 Breeders and farmers should keep in mind the Hereford cattle sale to be held at Knox City, Mo., Monday of next week, by Ben Anderson of that place. The offering is choice in every way and merits the attendance of all who are interested in good stock. Knox City is on the Q. O. & K. C. east of Kirksville. Mr. Anderson has arranged for the comfort and convenience of his guests sale day and invites everyone to be there.

Robinson's Mammoth Polands.
 Realizing the necessity of bigger Poland Chinas and yet mindful of the just as important features of quality, easy feeding and early maturity, F. P. Robinson of Maryville, Mo., has worked wonders with his Mammoth Poland Chinas. Much has been said of the combination of size and quality and every breeder realizes the growing need of this type, but it is doubtful if many breeders have succeeded in perfecting it to the degree that has Mr. Robinson's Robinson's Mammoth Poland Chinas are not an accident, but are the result of 18 years of careful and painstaking selection and breeding. In that time it has been Mr. Robinson's aim to produce a Poland China of the big, mellow, easy feeding, quick maturing kind. In this he has succeeded. Mr. Robinson has advertised that he is prepared to show to anyone as big hogs as any that are produced and he can do it, too. In Pawnee Pete he has without question one of if not the largest boar living. He will be 4 years old in April. He weighed over 600 pounds as a yearling and over 900 pounds as a 2-year-old and just before being taken to the fairs last fall he weighed something over 1,000 pounds. He was in little better than breeding condition, a fact which was probably the reason he was not made grand champion. He is a remarkable hog in every respect. He combines symmetry with all his size; is of fine grained quality and possesses a set of the greatest feet and legs one ever saw on so large a hog. And the best part of it is that he transmits these qualities to his get. He was bred by Mr. Robinson as was also his dam. He is sired by Big Pete, bred by B. T. Wray. Big Pete was by the great Peter Sterling by Chief Ted. 3d. Pawnee Pete's dam was Miss Corwin 2d by Pawnee Giant by R's Pawnee Lad by the great Pawnee Lad—a combination of the very best of the biggest Poland Chinas. All of which has much bearing on the following. On Wednesday, January 29, Mr. Robinson will hold a public sale of 50 head of his great sows and gilts. They are the typical Robinson's Mammoth Polands and Pawnee Pete plays an important part in the offering. A number are sired by him and a number are bred to him. Other sires represented include most of the boars that have had their share in making this herd famous, such as Prince Ito, Big Pete, Prince Tom, Giant Dick, Sterling Prince, Spotted King, etc. They are bred to Pawnee Pete, Prince Tom, Spotted King by Long King's Equal, Monticello Boy, the first prize under six months pig at the Iowa and Missouri State fairs in 1912; Tom's Model, a great young boar by Prince Tom and to Fred Jamison a son of Pawnee Pete. It is one of the best offerings ever driven through a ring and the best the Robinson herd has yet offered. The sows will average 600 or better, the gilts will be 400. Bred to the boars mentioned above makes them doubly valuable buying propositions. Write Mr. Robinson, per his sale announcement in this issue for a catalog. Read the liberal guarantee and arrange to attend this sale where you will see and have an opportunity to buy the best that money, brains and time have been able to produce.

Ellerbroek's Bred Sow Sale
Sheldon, Ia., Tuesday, Jan. 21, 1913
75 Head—That Lead the Big Type Poland Chinas
30 MATURED SOWS—25 FALL GILTS—20 SPRING GILTS. TOPS OF HERD. NOTHING BUT EXTREMELY BIG TYPE POLANDS.
 Friends:—In the bereavement of Mr. Ellerbroek we have decided to cut down our herd to some extent. And therefore we might nearly call it a dispersion sale. The sale will include the best brood sows, 30 matured sows, that are peerless, the 700 pound and 800 pound kind, by Big Bone, A Wonder 107375, A Wonder 143421, Big Orange, Gritter's Longfellow, Beauty's Jumbo, Big Jumbo, A Wonder Next, Long Price, Choice Chief Price, Choice Price, Young Wonder, Chief Leader, etc. 25 fall gilts that are queens in big type, by A Wonder 143421, A Wonder 107353, Longfellow Again 170275.
 20 spring gilts, real brood sow prospects, by A Wonder 143421, A Wonder A176989, Longfellow Again 170275, Mow's Tecumseh 181765, Nolan's Wonder 176779, Big Bone Again 183139. And out of these great matured sows which go in the sale.
 This offering will be bred to boars of reputation, such as A Wonder 143421, A Wonder A 176989, Longfellow Again 170275, Peter's Jumbo 190793, he by Big Jumbo, Sampson 187761, a grandson of old Chief Price, and Ellerbroek Wonder. The next thing for you to do is, write at once for our illustrated catalogue. Don't delay. Send your bids to us or auctioneer. Sale in heated tent. Sheldon has three railroads. Come and attend, you are welcome. Address all inquiries to
PETER ELLERBROEK, Estate, Sheldon, Iowa
AUCTIONEER, COL. J. A. BENSON.

Iowa's Grand Champion A Model BIG TYPE Poland China Sale!
Knoxville, Iowa, Jan. 17, 1913
 25 Sows Bred to Iowa's Grand Champion, A MODEL, weight 45 Bred Sows, Representing BIG KNOX, BIG ORANGE, GRAND LONGFELLOW, BLUE VALLEY CHIEF, BIG EXPANSION.
 Write for the Catalog.
 Great, big, heavy-boned individuals to match the splendid pedigrees and combined with unsurpassed quality. They are safe for early farrow to the great grand champion, A Model, the 1,100-pound Big Knox and Blake's Best. Here is an early sale; get your bids in at once for the bargain-counter prices. All high-class goods; none better; few as good.
S. A. ROBERTS, Knoxville, Ia.
COL. H. S. DUNCAN, Auctioneer. G. W. BERRY, Fieldman.

GRITTERS' Big Type Poland China Sale
HULL, IOWA, JANUARY 22, 1913
 FOURTEEN TRIED SOWS, sired by Gritters' Longfellow, Long Prospect and Longfellow, Jr.
 TWENTY-FOUR FALL SOWS, sired by A WONDER AGAIN.
 THIRTY-TWO SPRING GILTS, sired by A Wonder A (son of Fessenmeyer's A Wonder), A Wonder Again, Big Surprise and Long Surprise. The offering is bred to the strictly big type boars—A Wonder A, A Wonder Again, Big Surprise, Sioux Chief, Choice Wonder, Maid's Wonder and Long Boy.
 This offering will be sold in only breeding flesh—but they are large—many of the gilts weighing 300 pounds. Write today for Catalog. Address
E. Gritters, Hull, Ia.

Outstanding Duroc Herd Boar
 All sold out on boars except an extra choice son of Crimson Wonder Again, out of a Valley Chief dam. Selling him to close a partnership. Three of his brothers are at the heads of good herds. I am keeping his litter sisters in my herd. One of these I will put in my Jan. 24 sale as a special attraction.
JOHN T. HIGGINS, Abilene, Kansas

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.
 209 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.

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

WALBRIDGE'S Poland Chinas
 If you are looking for bred sows I think so well of my bunch that I am willing to stand part of your expense to come and look them over.
L. O. WALBRIDGE, RUSSELL, KANSAS.

POLAND CHINAS.

LARGE WITH PLENTY OF QUALITY.
Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock.
OLIVER & SONS, DANVILLE, KANSAS.

A REGISTERED POLAND CHINA male wanted, which has been used as herd boar, by a standard, well known breeder, who is obliged to change account breeding herd boar's gilts. Animal must be first class and not aged.
W. E. BROWN, OKLAHOMA CITY, OKLA.

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.

80 Acres OF GOOD LAND to exchange for a good herd of Registered Poland Chinas or Duroc hogs. **L. R. KERSHAW, Muskogee, Okla.**

QUALITY and SIZE Big, Smooth Poland China Boars and Gilts. Spring farrow. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

ROY JOHNSTON of South Mound, Ks.,
Sells Sixty Bred Sows, Jan. 20. Write for catalog.

NEBRASKA TYPE. A fine lot of summer and fall pigs by Hyden's Big Hadley 2nd, Pan Wonder and New Chief. Bargains in the best. **C. C. Ingram, Bloomington, Neb.**

POLAND CHINAS Select young boars. Gilts, bred or open. Prices right. Call or address **H. L. BROOKS, LARNED, KANSAS**

HARTMAN'S BIG-TYPE POLANDS
Spring boars and gilts. Gilts bred or open. No fall sale. Three fall boars. Everything guaranteed.
J. J. HARTMAN, ELMO, KANSAS.

Becker's Poland Chinas
Good spring boars. Fall yearling gilts, bred for early spring litters. Some nice spring gilts bred or open. Special prices on summer and fall pigs, either sex. **J. H. BECKER, NEWTON, KANSAS**

Polands—Barred Rocks
Summer and fall pigs by Referendum and J. C. Metal and out of choice sows. Priced to sell. Also 50 Barred Rock Cockerels.
A. N. Waechter & Son, Riverton, Neb.

Fall and Summer Pigs For Sale
Sired by my Iowa boar. Extra good and out of my mature sows. Everything immune. Also Rhode Island Red cockerels for sale.
L. E. KLEIN, ZEANDALE, KANSAS.

Big Type Poland China
BRED SOW SALE JAN. 25.
45 head. Every one a good one. 35 head bred to the 1,000-pound Columbus.
Send today for catalog.
R. B. BAIRD, CENTRAL CITY, NEB.

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 Boned Bred Sows
March and February gilts sired by Gold Mine, bred to Pan Look and Wide Awake; also, tried sows bred to Gold Mine.
Dietrich & Spaulding, Richmond, Kansas.

Schneider's Poland Chinas
Can furnish choice summer and fall pigs, pairs or trios, not akin, by Guy's Expansion and Goldust Hadley. Also 10 head of yearling sows bred to these boars.
JOE SCHNEIDER, Nortonville, Kansas.

BIG TYPE POLANDS
Summer and fall pigs both sex, stron. in the blood of Big Hadley and A Wonder. Sows and gilts, the big, smooth kind, bred for early litters. Description guaranteed. Call or write **A. R. ENOS, Ramona, Kas.**

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 Pride, Columbia Wonder and Gritters' Longfellow 3d. Everything guaranteed and sold worth the money. Address
CLARENCE DEAN, WESTON, MISSOURI

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.



A few fall males by Defender. Bred sow sale, Saturday, Jan. 25th, 1913.
PHIL DAWSON, SO. ST. JOE, MO.

DUROC-JERSEYS.

15 Duroc Sows and Gilts
Kant Be Beat, Crimson Wonder, and Colonel breeding, and bred to a splendid boar sired by King the Col. Priced reasonable and guaranteed as represented.
ARTHUR A. PATTERSON, Ellsworth, Kan.

Kansas and Missouri

GEO. W. BERRY.

Ellerbrook Estate Bred Sow S

On Jan. 21, 75 bred sows and gilts, the property of Peter Ellerbrook estate, will be sold in public sale at Sheldon, Ia. This offering includes 30 matured sows, 25 fall gilts and 20 spring gilts. It has been decided to materially reduce this great herd of Poland Chinas, and this offering will include many animals that would not be offered for sale except for the reason above stated. The mature sows will weigh around 700 to 800 pounds, and are by such boars as Big Bone, A. Wonder, Big Orange, Gritter's Longfellow, Beauty's Jumbo, Big Jumbo, A Wonder Next, Long Price, etc., and will be bred to A. Wonder, A. Wonder A, Longfellow Again, Peter's Jumbo, Sampson and Ellerbrook Wonder. The sale will be held in a heated tent, and every arrangement will be made for the comfort of those attending. Write for catalog at once, addressing the Peter Ellerbrook Estate, Sheldon, Ia. If you cannot arrange to attend this sale, your bids may be sent to the auctioneer, Col. J. A. Benson, in care of the Peter Ellerbrook Estate, Sheldon, Ia.

Iowa and Illinois.

BY H. W. GRAHAM.

Get Early Spring Pigs.

S. A. Roberts, of Knoxville, Iowa, will sell big type Poland Chinas, January 17th. In this offering there will be 45 sows representing the biggest of big type breeding. Twenty-five of these sows are bred for early farrow to A Model, grand champion of Iowa State Fair. This boar weighed 570 pounds at 14 months. These sows are all bred for early farrow and any sow in the offering will make a valuable acquisition to any herd in the country. Note the ad in this issue for further particulars as to breeding. If you want some of these good sows and find it impossible to attend the sale yourself you may send your bids to Geo. Berry, Fieldman for Farmers Mail and Breeze, in care of Mr. Roberts and have your interests well taken care of.

Big Annual Horse Sale.

On January 28 to 31 inclusive will occur the big annual horse sales at Bloomington, Ill., under the management of C. W. Hurt for the breeders of that section of the state. Nearly 400 head of horses have been listed for the sale. They consist of 100 imported stallions and mares that have arrived from Europe for the sale, 100 head that were imported over a year ago, also 150 head of registered mares and fillies of home breeding, also 100 head of home bred stallions and 50 head of ponies. Among the list is a large consignment of trotting bred horses and roadsters. The bulk of the offering consists of registered Percheron, Belgian, French Draft, Shire and Clydesdale mares and stallions. They are entered by leading breeders and importers of Illinois and adjacent states. This sale is the one annual offering that is looked forward to by the entire country as a place to go to get draft mares and stallions of the very best breeding and pedigrees. The standard of this sale and its reputation for square dealing and the high quality of horses accepted for the catalog, are so well known throughout the country that every buyer knows he will be treated in a business manner, all of which has made these annual sale occasions a grand success each year. These sales have been carried on for a number of years and there are hundreds of satisfied patrons all over the country who can testify to business methods with which these sales are conducted. C. W. Hurt has acted in the capacity of manager for these breeders for a number of years. He is a farmer and banker and will not stand for anything but a square deal to buyer and seller. Write him at Arrowsmith, Ill. for a catalog, mentioning this paper.

Missouri, Kansas and Iowa.

BY ED. R. DORSEY.

All Purebreds.

R. W. Gage of Garnett, Kan., owner of the Maple Leaf Stock Farm and breeder of Improved Chester White hogs, Holstein Friesian cattle and White Wyandotte chickens, writes under a recent date that all of his stock is doing nicely. Says he is almost sold out of salable stuff but he has the best lot of sows he ever owned and is using two of as good herd boars as he ever saw. Says he has had no trouble in getting his sows to pass over as they are in the best of health. For several years we have been visiting the Maple Leaf Stock Farm and last spring we thought there were more pigs to the number of sows on the farm than we ever saw of any breed. The spotted cattle and a lot of fine Chester White pigs and 300 or 400 White Wyandotte hens surely are a beautiful sight.

Gritters' Big Type Polands.

On January 22 E. Gritters of Hull, Iowa, will sell 70 head of strictly big type Poland Chinas. This sale will follow the public sale of Peter Ellerbrook & Sons Estate on January 21. Both sales may be attended with practically one expense and both sales will offer an exceptional opportunity for any of our readers who want strictly big type hogs. Mr. Gritters has a reputation for producing the biggest and smoothest Poland Chinas, in the country. His herd boar, Gritters' Longfellow, is advertised as being the largest hog in the world. Many of the offerings in this sale will be by this noted boar. The offering will include 14 tried sows, 20 fall sows and 32 spring gilts. Every one of these animals would make a valuable addition to any herd in the country. The breeding of these sows and the boars to which they are bred are mentioned in the advertisement which appears in this issue of this paper. Write Mr. Gritters at once for his illustrated catalog. Please mention this paper when writing.

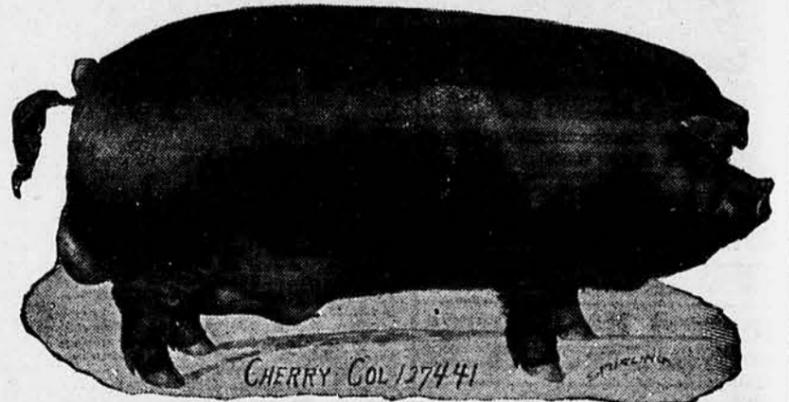
Big Public Stock Sale.

Mr. F. E. Wentz will hold a big farm sale 1 1/2 miles north of Burlington, Kan., Thursday, January 23. Mr. Wentz has sold his farm and is therefore closing out all of his stock. He is one of the best farmers in his section and his offering will consist

HIGGINS' Great Brood Sow Sale

Abilene, Kansas, Friday, Jan. 24

40 head choicely bred sows and gilts 40



10 tried sows and 30 fall and spring gilts

They are sired by such boars as the Professor, Good Enuff Again, King the Col., Crimson Wonder Again, Valley King, and other prize winners. They are bred to Cherry Col and Good Enuff Model 2nd, two of the best high priced young boars sold the past season. Send at once for our illustrated Catalogue, describing the offering. Sale held in heated building, on Fair Grounds. Free Hotel accommodations.

JOHN T. HIGGINS, Abilene, Kans.

COLS. REPPERT & BURTON, AUCTIONEERS.
J. W. JOHNSON, FIELDMAN.

EXTRAORDINARY TWO DAYS SALE

Duroc-Jersey Sale
Danville, Kansas
Wednesday, January 22

70 HEAD—20 tried sows, 5 spring gilts, 20 summer and fall gilts, 25 spring, summer and fall boars. Most of these sows and gilts are bred to the famous

GRADUATE COL.

and most of the young boars and gilts are by him. Think of it! Fifteen head of tried herd sows as good as can be found anywhere. They are built on a foundation of Ohio Chief and Col. blood, and are all immune and safe in pig to Graduate Col.
THE HOME FARM SELLS AT AUCTION.

160 acres well improved, good, deep, rich soil, running water, natural shade and all in a high state of cultivation except the tame pastures.

THE HORSES AND FARM MACHINERY SELL THURSDAY, JANUARY 23.

Four Purebred Percherons and 10 high grade Percherons, also four good drivers. One span of big 6-year-old purebred Percheron mares bred to a good son of Casino. One good 2-year-old purebred Percheron filly and a 5-year-old son of the Champion Casino.

IMPLEMENTS ALL SELL.

- One Minneapolis Gas Tractor, new July, 1911.
- One John Deere Engine Plow, 6 14-inch bottoms.
- One 32-inch Case Steel Separator, new this season.
- One Ely Power Hay Press, nearly new.
- One O. S. Kelley Duplicate Feed Grinder with alfalfa hay attachment. For Catalog and full particulars write

H. E. FISHER, Danville, Harper Co., Kan.

All parties from distance stop at Argonia, Kan.
A. B. HUNTER, Fieldman.

DUROC-JERSEYS.

DUROC-JERSEY BOARS AT \$25.
I am making special prices now on spring boars sired by my state fair winners. Also a choice line of gilts bred to my prize winning herd boars.
CHAS. L. TAYLOR, OLEAN, MISSOURI.

BEAVER VALLEY HERD DUROCS.
Boars and gilts sired by Grand Master Col. II 94903 (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.

Duroc Pigs, \$9.00 **R. W. BALDWIN,**
Conway, Kansas.

Pleasant View Durocs. Choice March and April boars and gilts for sale. Write for prices.
T. P. TEAGARDEN, WAYNE, KAN.

FALL YEARLING BOARS A few very choice ones; and fall and summer pigs at bargains. Bred sow sale February 8th.
P. C. GARRETT & SON, Bloomington, Nebraska.

A Fine Offering Bred Sows and Gilts
Also open gilts and summer pigs. Best of breeding.
R. C. WATSON, ALTOONA, KANSAS.

BIG TYPE DUROCS Herd rich in blood of Col. Wonder, Buddy and Monarch families. 45 head tried sows and gilts in our bred sow sale, February 8. Stock for sale. Send for catalogue.
MOSEY & FITZWATER, GOFF, KANSAS.

Clover Dale Durocs
Choice lot of sows bred to King of Cols. 3d. Boars ready for service and fancy bunch of fall pigs. Stock all in fine, healthy condition.
L. T. SPELLMAN, PAOLA, KANSAS.

Bonnie View Farm
Duroc-Jerseys: Boars and gilts.
Plymouth Rocks: 100 cockerels.
Searle & Cottle, Berryton, Ks.

Deep Creek Herd Durocs
Extra choice early fall pigs now ready to ship from dams sired by State Fair Champion boars. Satisfaction guaranteed.
C. O. ANDERSON, MANHATTAN, KANSAS

BIG TYPE DUROC-JERSEYS
Spring males at \$25; summer pigs \$10, trios \$25; fall boars, good ones at \$30 to \$40; yearling sows, open or bred. Every hog shipped on approval. Satisfied customers in 22 states.
GEO. W. SCHWAB, CLAY CENTER, NEB.

TATARRAX HERD DUROCS
The finest lot of Fall pigs we ever offered, either sex. Most of them by the Grand Champion Tatarax. Bred sows and gilts priced for quick sale.
HAMMOND & BUSKIRK, Newton, Kansas

College Hill Durocs
Bred sows and gilts for spring farrow for sale. Popular breeding. Farm adjoins agricultural college. Prices right.
W. W. BALES & SONS, MANHATTAN, 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.

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.

FISHER'S DUROCS
"A chance of a life time." My entire spring crop sired by Old Graduate Col. and Crimson Prince at \$15 to \$25 each. Closing out. Don't delay. Write today.
H. E. FISHER, Danville, Harper Co., Kan.

Leon Carter, Asherville, Kan.
Duroc-Jerseys. Oldest herd in Mitchell county. Plenty of new breeding in my bred sow sale Thursday, Jan. 30. 45 head. Write for catalog.

ROYAL SCION FARM DUROCS
Fashionably Bred Durocs, spring boars and bred gilts, by the great Graduate Col. Also sows and gilts bred to him.
C. C. Norman, Prop., Winfield, Kan.

Perfection Stock Farm
Nov. boars and gilts, also 60 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your
Geo. M. Glasen, Union City, Okla.

Good E Nuff Again King 35203
The great Duroc boar of the West heads our herd. 25 gilts and 20 boars sired by him. 8 tried sows and 12 fancy gilts bred to him for sale. Herd boars and show prospects a specialty. Prices right.
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. Yearling and spring boars. Sows and gilts open or bred to order for spring litters. 135 fall pigs either sex. Pairs and trios not akin. Prices right. Customers in six states satisfied. Describe what you want. We have it.
D. O. BANCROFT, OSBORNE, KANSAS.

Stith's Durocs
200 head from which to select. Fashionable blood lines. Strong in blood of prize winners. Let me supply you with show yard type or the farmer's kind. Sows and gilts bred to my herd header, Model Duroc, and other good sires. Fall pigs, pairs or trios. Priced for quick sale. Write today stating your wants.
CHAS. STITH, EUREKA, KAN.

of high class farm stock. Everyone of our readers who is interested in any kind of stock pertaining to the general farm will do well to look up his ad in this issue and see if there is not something in the list in which he would be interested. The offering will include mules, draft colts, draft horses, Red Polled cattle, sheep, jacks and jennets, stallions, seed potatoes and general line of farm machinery. You will find Mr. Wentz a fine gentleman and his offering is one that will be of use to you. Look up the ad in this issue for a more complete list and if interested write Mr. Wentz for description of any of the offering and he will be glad to write you further particulars than you can get from the paper.

Buy Drafters From Nolan.
J. M. Nolan, of Paola, Kans., owner of Champion and Grand Champion Stallion Adore 5666 (59OK) and dealer in Percheron, Shire, Belgian and Coach stallions and mares has a fine stable of horses. In fact we believe he has now on hands the largest and best selection we have ever seen at his stables and he owns the Grand Champion Belgian at the American Royal last fall and a number of other good ones. Mr. Nolan has been a dealer in horses for 15 years and so far is proud to announce to the public that he has never had a dissatisfied customer, that he never has had a lawsuit nor has he any attorney employed. He refers prospective buyers to any bank in the county but rather refer them to the customers. He is a thorough business man, quick to decide and very positive in his decisions. Paola is 39 miles south of Kansas City on several roads. The stables are near three depots.

Miller's Clydesdale Stallions.
We recently had the pleasure of calling on R. O. Miller, of Lucas, Ia., importer and breeder of Clydesdale stallions and mares and we were not surprised to find a nice stable of horses as we had known of this, the Norwood Farm, for many years but we were surprised to find the prices of really classy horses at less than they can be bought in Europe for. Mr. Miller raises a lot of them and also Percherons and he is out on the farm and his expense is light is why he is able to sell them at the present prices. He has a fine lot of Percherons, many of his own breeding, but they are all sold that are old enough for use this season. He prices to sell and he will soon close out this lot of 3 and 4-year-old Clydesdale stallions. No one has the advantage in growing horses as he has large farms and they run on good pasture and have plenty of fresh running water. If interested in Clydesdales write Mr. Miller of Lucas, Ia.

Get This Catalog.
G. L. Hawley, Horton, Mo., will sell 60 head of Poland Chinas Wednesday, Jan. 22nd. There will be 10 boars, 40 bred sows and 10 open sows. Every one a good individual. The sows are bred to 4 extra good herd boars. Dan Hadley 2d by Big Hadley, Expansion John 2d and Osage Leader by Grand Leader and Gov. Expansion by Expansion Wonder. The sows in the offering are sired by such boars as Big Hadley, John Expansion, Dan Hadley 2d, King Blair, Quality, Osage Leader, King Expansion 3d and Mo's Hadley. Col. Jas. W. Sparks will auctioneer this sale. E. R. Dorsey will represent Farmers Mail and Breeze at this sale. If you find it impossible to attend the sale and want some of the good hogs offered send your bid to either fieldman or auctioneer in Mr. Hadley's care and they will be handled in your interest. Write for catalog today and mention Farmers Mail and Breeze.

Three Iowa Poland Sales.
On the 5th of February the Iowa Sale Circuit opens up with the Poland China sale of Williams Bros., of Villisca, Iowa, owner of Pawnee Nelson, the half-ton son of Pawnee Lad, considered one of the greatest sons of the old hero, Pawnee Lad. The offering is sired by the noted herd boars, Pawnee Nelson 53478, Big Sampson 58095, A Jumbo 58093, Long King, Mammoth Prospect, and W's Major 2nd. As this is one of the greatest herds in Iowa for size and quality combined it will be to the buyer's interest to take notice. On the following day is that of the noted A Wonder sale at Clarinda in the same county, where Mr. Fessenmeyer sells a number of first class sows all bred to, or daughters of A Wonder and the following day is the splendid Sefrit sale at Lucas, Iowa; sale to be held at Clariton, all three of these sales are on the Burlington R. R. and only a short distance apart. Write Williams Bros., Villisca, Ia., for their catalog and take notice of the great Sampson Sisters, just a little over one year old, that average 535 pounds and 8 sows in this litter.

Editorial News Notes
"Great Crops of Strawberries
And How to Grow Them" is the title of a remarkably attractive and instructive catalog issued by the R. M. Kellogg company of Three Rivers, Michigan, a town that lives up to its name by having three rivers within the city limits. This is an age of specialists so we are often told, and this company has succeeded in a large way because it has specialized on the strawberry. The company has really brought about a new era in strawberry growing. The catalog tells how and why. It is beautifully illustrated. It gives the testimony of successful users of the Kellogg strawberries and the Kellogg method in all parts of the country. It tells about the different varieties of strawberries and it does actually tell how to grow them. If you are interested in strawberries, you cannot afford not to have a copy. And if you get a copy you'll be more interested than you have ever been. See the Kellogg ad on page 16. Write for catalog to the R. M. Kellogg company, Box 65, Three Rivers, Michigan.

Take Time to Study Seed Catalogs.
Farmers should send for catalogs early so as to have plenty of time to study them and to determine without haste just what varieties they want to plant the coming season. Varieties are multiplying so fast, some of which are of decided value, that it is well worth while to make careful investigation whether you want to try them or stick to the old, tried crops. Much depends, too, upon the catalog. Some are given to verbal fireworks, while others give you at once a feeling of confidence that only facts are stated, even though some

H. B. MINER'S Duroc-Jerseys!

A draft sale of 35 head of selected bred sows, any one of which would prove a valuable addition to your herd.

Guide Rock, Neb.
Thursday, Jan. 16, 1913

Twenty-five fall gilts selected from double that number that were sired by MODEL H. and bred to SUNKIST CHIEF, the winner of fourth place in the under six months class at Iowa State Fair this season. MODEL H., the sire of this outstanding offering of bred gilts, is a son of old Higgin's Model and himself one of the most valuable breeding boars ever owned in Northern Kansas and Southern Nebraska.

Ten tried sows, bred to MODEL H. for early spring litters complete the offering. Every one of them has proved her worth and can prove it sale day, as many of the fall gilts are out of these sows.

The offering, while not a large one, will prove one of the best that will be offered in Nebraska this winter.

Mr. Miner has been a good buyer of bred sows the past two years and his herd of sows represent leading families of Durocs and are valuable producers. Model H. and Sunkist Chief speak for themselves. Catalogs ready now. Get one. Address

H. B. MINER, Guide Rock, Neb.
Auctioneers—John Brennen, G. G. Denney.
J. W. Johnson, Fieldman.

F. C. CROCKER FILLEY, NEB.

Is Selling a Draft of

50 Duroc-Jersey

Spring Gilts from His Herd.

Beatrice, Nebraska

Thursday, Jan. 16, 1913

The offering, 50 spring gilts, is made from one of the largest herds of Registered Duroc-Jerseys in the west. The offering was selected from over 100 head of choice g'lts and is the actual tops. There are 25 Top Notcher Again herd sows in this herd and 50 per cent of this offering is out of these magnificent sows. Fifty per cent of them were sired by Lafollette's Last, a great breeding boar, bought by Mr. Crocker especially to cross on these sows. Ten of the sows that contribute to this offering were sired by Hogate's Model, the first and Grand Champion at Nebraska State fair 1906. Fully 60 per cent of the offering is bred to Lafollette's Last and Vanquisher. Lafollette's Last was a good winner at the Iowa State fair last season and Vanquisher was fourth at the Nebraska State fair two or three years ago. The offering is one of real merit. The breeding is up-to-date and the handling of the offering has been such that good strong litters are almost a sure result. Mr. Crocker invites Kansas Breeders to his sale in Beatrice where it is convenient for them to attend. Free Hotel accommodations for you at the Paddock Hotel which is steam heated and the best in the city. The sale will be held in a comfortable pavilion and your comfort will be looked after while you are his guest. Ask him for the catalog and plan to attend. Address,

F. C. CROCKER, Filley, Neb.
T. C. CALLAHAN, Auctioneer.
J. W. JOHNSON, Fieldman.

wonderful figures as to crops are reported. Of this latter class is the catalog of John A. Salzer, the old reliable seedman of La Crosse, Wis. No seedman is better known to our readers, and probably no one sells to a greater number or a greater acreage of such staple crops as alfalfa, Red clover, oats, barley, corn and potatoes. His catalog, including the big premium list for 1913 has just been issued and you will do well to get a copy. It is most complete and satisfying and, with the premium list, offers you a splendid opportunity to get really free some splendid things for personal use as well as for the home and the farm. A post card will bring it. Address: John A. Salzer Seed Co., 139 S. 8th St., La Crosse, Wis.

What Farming Now Offers as a Vocation.
Whatever may be said in favor of the exciting pleasures and attractions and nerve-straining demands of city residence, it is being increasingly admitted that for a given amount of energy invested by the individual, rural life pays by far the biggest dividends.

There are several reasons why this is so. The freedom of the outdoor life revitalizes and gives abundant energy. And the increase of energy, coupled with exuberance of spirits, most bountifully equips one for the prosecution of his labors, and makes him doubly ambitious for large undertakings.

Then if he takes up farming as a serious business-like calling he has, in these modern times, every aid to economical labor-saving production, of which he can make capital for profitable earnings. One of his chief assets in cultivation, if he is shrewd enough

JACKS AND JENNETS.

BEST MAMMOTH JACKS IN KENTUCKY.
We have forty-five of the best, big bone, Mammoth jacks in Kentucky. Visit the Cloverdale Farm and save two or three large profits. Write for circular and testimonials. H. T. BROWN & CO., Box B, Lexington, Ky.

Jacks and Jennets
One of the largest selections of large Black Mammoth Jacks in the West. 15 to 16 hands standard. I have the large kind that all are looking for; the kind that bring the large high-class mule. Reference: the five banks of Lawrence.
AL. E. SMITH, LAWRENCE, KANSAS.

Mammoth Jacks and Jennets For Sale
From 2 to 5 years—big boned, black Jacks with white points. No better bred ones in the country. Several of them are prize winners. Been breeding Jacks for 30 years. Mention this paper and write or come to DEERLING & OTTO, Schuyler County, QUEEN CITY, MO. On Des Moines Line Wabash Railroad.

PUREBRED HORSES.

The Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$650 at my stables doors. A. LATIMER WILSON, CRESTON, IOWA.

Percheron and Belgian Stallions and Mares. Imported and home bred. Easy terms. HART BROS., OSCEOLA, IOWA

200 Percherons Stallions and Mares For Sale. Singmaster & Son, Keota, Iowa

Clydesdale Stallions and Mares
I have a number of Clyde Stallions, many of them of my own raising, that I will sell at less than 1/2 of the regular importer's prices. R. O. MILLER, LUCAS, IOWA.

Truman's Pioneer Stud Farm
America's Largest Importers
Shire, Percheron and Belgian Horses
Write for Illustrated Catalogue.
TRUMAN'S, Box E, BUSHNELL, ILLINOIS

STALLIONS and JACKS

Percherons and Belgians; also Mammoth Jacks and Jennets. State Fair winners and all at prices that will move them. Write today describing your wants.
C. F. COOPER
R. 4, Box 4, Hutchinson, Kan.

PERCHERONS BELGIANS SHIRES ONE OF THE OLDEST AND LARGEST IMPORTERS IN AMERICA



Our horses are big, smooth flat-boned fellows, with great quality style and conformation. Will please the most critical. Prices reasonable. Satisfaction guaranteed. Letters from hundreds of satisfied customers and big illustrated catalog mailed free.
Watson, Woods Bros. & Kelly Co.
BOX 1 LINCOLN, NEB.

to take advantage of it, is the helpfulness of Planet Jr. farm and garden implements. In the market garden a Planet Jr. hand-tool, combining seeder, wheel-hoe, cultivator and plow in one, makes the usual drudging work seem like mere play, so easily and quickly are you enabled to cover the ground with it.

And in the extensive cornfields the Planet Jr. cultivators, which work two rows at a single passage, make the work equally light and pleasurable and profitable.

Or in the smaller field of corn, cotton, potatoes or similar crops the Planet Jr. one-horse hoe and cultivator does so many kinds of work that it becomes a general utility implement.

A new illustrated catalog recently issued by S. L. Allen & Co., Box 1105P, Philadelphia, which they send on request to those interested, describes minutely the implements to use for scientific cultivation, and tells the particular tools adapted to the different kinds of crops.

This labor-saving method of cultivation, together with the many other attractions offered by Dame Nature, make the "call of the land" louder than ever to him who would really live life to its full. See ad. on page 11.

Music in the Home.

In helping children one of the most important things is the refining influence of music. The need of music in the home is more and more being realized, and the children in our rural homes are to a greater extent being provided with good music. Good music is not a luxury; it is an essential thing in the proper training of a child. Music is much more than a source of entertainment; it is also a means of inspiration, and the time when the power to feel this inspiration may best be cultivated is in childhood. Just as good food and exercise are necessary to develop the child's body, and books and schooling are required to develop his mind, so the surest possible means must be provided to make him grow up with a healthy moral and emotional nature and the most influential thing for this is good music.

It is usually found that the chief fascination of city life for the boy is due to the city's variety, its liveliness, its opportunities for entertainment. All these are closely connected with music. At churches, at concert halls, at theaters—everywhere music, music, music. While the lad may not realize that he is music-hungry, his thoughts nevertheless turn longingly to the glittering opportunities of city life, most of which will give him music or song.

So the question becomes not only "How can we best develop our children?" but also "How can we make them contented to stay at home?" Most parents cheerfully agree that no expense and no effort are too great if they will accomplish these results. In many homes the parents have met these problems by the purchase of a Victor or a Victor-Victrola, and either of these instruments will richly satisfy all the musical needs of any home. It will provide the music of bands and orchestras, and will also fill the home with every kind of song. It will sing the little tot's beloved Mother Goose rhymes and other children's favorites, and it will raise a laugh with its minstrel records and descriptive specialties. City friends may write of the glorious voices of great singers—Caruso, Melba, Tetravini, and others—who they have heard, and with a Victor or Victrola these very same artists can be heard in the most distant farmhouse in the land. Every kind of music and every prominent musician and singer may be heard clearly and easily, with no need for music lessons and no time spent in music practice.

The Victor and Victrola have been a god-send to many homes, and all who are considering the problem of music in the home should make it a point to find out about the Victor and Victor-Victrola, the most versatile and the most wonderful musical instruments of modern times. The Victor Talking Machine Co., Camden, N. J., will, upon request, send their handsome illustrated catalogs, showing the different style instruments and containing pictures of the world's greatest singers and musicians who make records exclusively for the Victor; and any Victor dealer will gladly play for you any of the more than 3000 selections listed in the Victor Record catalog, and thereby clearly demonstrate to you these wonderful instruments. See the Victor ad. on page 12.

The Average Cow's Income.

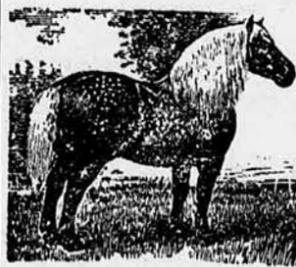
Mr. Editor—The milk produced by the average Missouri cow in a year will sell for about \$50 at the creamery or when made into first class butter. A good cow of the dairy breed will make at least \$50 cash income every year. I have a list of about 50 Missouri farmers who report a cash income of \$50 to \$100 a cow every year, and these figures do not include the income from the sale of calves, and pigs fed on the skimmilk. "But," says one, "milking is a tremendous task." As a matter of fact, it takes only 60 hours, worth 15 cents an hour, to milk a cow twice a day for 10 months. In a recent year the cash income from the herd of Jersey cattle on the college farm was \$82.50 a cow for butter sold and \$12.50 a cow for milk, skimmed milk and calves, making a total income from each cow of \$95. The following year the average income per cow from the same source was more than \$100 for the entire herd of 28. These results do not come from expensive treatment, but are the result of doing the right things at the right time in the proper way.

C. H. Eckles.
Missouri Agricultural college, Columbia.

Save all bones from the table, beef shanks, etc., and pound them up with a stone hammer. Bone supplies shell producing food and the hens soon become very fond of it.—Mrs. J. F. R., Horton, Kan.

BREEDERS' SALE
350 HORSES 350

In Coliseum, Bloomington, Illinois
JANUARY 28, 29, 30 and 31, 1913



On Tuesday, Wednesday, Thursday and Friday. We Will Sell 250 Imported and Native-Bred Registered

Percheron, Belgian, French Draft, Shire and Clydesdale Stallions and Mares
100 HEAD of Imported Stallions and Mares that will land by sale day.
100 HEAD of Imported Stallions and Mares that have been here a year.
100 HEAD of the BEST Registered Mares that ever went into an auction ring.
50 HEAD of Imported Fillies, 1 and 2 years old.
100 HEAD Reg. Stallions of the very choicest of breeding and individuality.

On Friday, January 31, 1913,
100 HEAD Registered Trotters Grade Draft, Single Drivers, Saddles and All Purpose Farm Horses, Stallions, Mares and Geldings. IMPORTED and NATIVE-BRED REGISTERED Shetland, Welsh and Cross-Bred, from the best breeders in the state and safe for your wife or child to drive.
50 Head PONIES

CATALOG READY JANUARY 12, 1913
D. Augstin, Pres. C. W. HURT, Mgr., Arrowsmith, Ill.

BIG PUBLIC SALE!
BURLINGTON, KAN.

THURSDAY, JANUARY 23, 1913
1-2 MILES NORTH OF THE CITY

As I am compelled to quit the farm I will sell at public sale a lot of stock that I had intended to keep and grow out. My loss is the buyer's gain. I have no reserve on anything put up for sale and everything that goes under the hammer will be sold regardless of price. 20 Head of Mules that will be three years old in spring of 1913. These mules are good size, colors and condition and ready to go in harness and do a summer's work and at the same time grow into good money. A span of black mules coming four years old. 10 Drafty Mare and Horse Colts coming 3, 4 and 5 years old, some in foal. 5 large, handsome draft colts with heavy bone, and plenty of finish. A large yearling black draft colt. 1 Full Blood Red Polled Bull 23 mos. old, 1 grade Red Polled bull 11 mos. old, 20 head of full blood and high grade Red Polled cows, heifers and calves. 20 Head of Good Grade Ewes. Bred. A lot of Early Ohio seed Potatoes. I will offer for sale my two large registered draft stallions. These horses are sound and the colts in the community show their breeding qualities and must be seen to be appreciated. PAPILLON, wt. 2,165, No. 19821, French Draft; is black, sound, foaled May 22, 1906, and is well proportioned. Fremont King was foaled July 20, 1907; is gray in color, wt. about 1,750, is active, good breeder of uniform colts, sound and gentle. Will also offer a Mammoth two-year-old jack of standard color. This jack is large for his age and is well broke. Two Mammoth jennets in foal, 6 and 9 years old. Two Mammoth jennets coming three years old and in foal. Three registered Percheron mares safe in foal; five years, large, sound. All the horses and cattle are IOWA bred and of my own raising. Come early. Good lunch by Ladies Aid. Parties from a distance met at train. TERMS—4% off for cash. All sums of \$10 or over 6 months' time on approved notes at 6% from date of sale. Col. B. F. Johnson, Col. Bert MacLasky, Col. W. O. Denton, Auctioneers.
Dr. A. L. Hitchens, Clerk.

F. E. WENTZ, Prop.

W. H. Bayless-Dero & Co.
Blue Mound, Kansas

Importers of Belgian and Percheron Stallions and Mares of all ages and Prize Winners in both Europe and America



We Have Fifty Head
The last importation arrived December 28, 1912

The fifty head is as good as can be found on either side of the water. We have a buying partner in Europe who has a large breeding farm and many of our best horses are bred on this farm. He also buys in the dull season, and buys everything young and sound. We can sell a better horse for less money than those not favored with this advantage, as we are the only ones who are connected with a breeding farm in Europe. Any one wanting either Stallion or Mare will find it to their advantage to visit our stables. We price them to sell, not to invoice. A good guarantee goes with every sale. Reference, any Bank in Linn County.

W. H. Bayless-Dero & Co., Blue Valley Stock Farm, Blue Mound, Linn Co., Kan.
(Two Railroads, eight trains per day.)

Jacks, Jennets and Percherons

Correct breeding is a science, and is of as much importance to the farming community as scientific farming. Oakland Stock Farm has followed a great line of breeding Jacks of Missouri type. Scientific breeding produced the great two-year-old now on the farm, and at the same time produced, by the infusion of Starlight blood, a "white-faced" jack with all black points. It took four generations to do it, with the ultimate desire of producing "white-faced" mules. This is but one line of forty breeding jennets. The same line is followed in breeding, size, bone, conformation and, the greatest of all, constitution in Jacks. Size, without constitution amounts to but little. This farm is strictly a breeding farm and all stuff on the place has been bred and raised there, and no animal is purchased, except for a cross with a new strain of blood. No agents or brokers sell any of the product of this farm. The buyer sees the dam and the sire of the animal. THIRTY HEAD OF SALABLE JACKS, all ages, under four years old, will be priced to the buyer direct without the middleman. We will have something to say about our Percherons later.

Oakland Stock Farm, Scott J. Miller, Prop., Chillicothe, Mo.

Percheron, Belgian, Shire and Coach Stallions and Mares

15 years in the horse business. Never had a law suit, have never sued a man for collection. Each sale is accompanied with a genuine good guarantee from Nolan. Our horses are from one to five years old.
J. M. NOLAN, PAOLA, KANSAS



Oldenburg German Coach Horses

We are the oldest and largest breeders of the Oldenburg German Coach west of the Mississippi River. Our 1912 winnings at the leading western shows exceeded those of any other individual horse exhibitor. We have stallions and mares of serviceable ages for sale. Write us. **JOS. WEAR & SON, BARNARD, KAN**

PIONEER STOCK FARM We have on hands at all times Percheron, Belgian, Shire and German Coach stallions and mares from weanlings to 6 years old. Imported and home bred stallions and mares weighing up to a ton or better. They are priced to sell; am selling all the time. Can show you. Come and see. **JOHN W. WADDILL & SON, (Adair County), BRASHEAR, MO.**

50 - PERCHERON STALLIONS - 50

Bishop Brothers have 50 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business. We have them to sell. Write us. **BISHOP BROTHERS, Box A, TOWANDA KANSAS.**

Imported Percheron Stallions, Jacks and Jennets

FOR SALE: 5 imported Percheron stallions 4 to 6 yrs. old and all tried and regular breeders. Can show colts. Weights 1800 to 2200 lbs., one Morgan stallion 7 yrs. old. Ten head large black jacks two to seven yrs. old. All broke. Good performers. Can show colts and mares in foal. 10 head big black jennets all bred to our imported jack. Prices reasonable. Our horses and jacks were shown at the Hutchinson State Fair this year in six different classes and won in every class. Write or come to farm 4 miles from Raymond or Chase. **J. P. & M. H. MALONE, CHASE, KANSAS**



Bergner & Sons' Coach Horses

65 Head German Coach Horses, with Size, Beauty and Action. A general purpose horse that fits the farmer's need. Write for further particulars. We are offering stallions at prices you will be able to pay for with proceeds of one season's stand. Also mares either single or in matched teams. Write or call soon. **J. C. BERGNER & SONS, "Waldock Rancho," Pratt, Kan.**



Imported Stallions: Percheron, Shire, Belgian

Each year we show our New Importation the same Month they land. Each year they win more than all other Exhibitors combined. At the American Royal this year, we won 2nd on 4-year-old Percheron, 1st, 3rd and 4th on 3-year-old, 1st and 3rd on 2-year-old, and 1st and Champion Group of Five Stallions. Our Horses are Handsome and the best to buy; Our Guarantee and Insurance the very best. **PERCHERON IMPORTING CO., Chas. R. Kirk, South St. Joseph, Mo.**

ROBISON'S Percherons

One hundred and fifty Registered Percherons - Stallions, Mares and Colts. Fifty imported. All for sale.

J. C. Robison, Towanda, Kan.



Mammoth Jacks, Percheron Stallions

33 Head of Jacks and Percherons

The Jacks are 3 to 6 years old and from 15 to 16 hands high. Percherons are from 2 to 6 years old and weigh from 1800 to 2000 lbs.

We have the kind that will please you.

Write for prices before you buy. Farm and sale barn on 21st Street, 1 mile east of Wichita Union Stock Yards. Write today.

J. C. KERR, Wichita, Kansas



Public Auction 100 Horses and Mules

At farm, three miles north and three miles east of Admire, 10 miles southwest of Harveyville, three north and nine west of Osage City, Kan., Tuesday, January 14.

EIGHTEEN MARES in foal to jack or horse. **EIGHTEEN GELDINGS**, 2 to 6 years old, except four (4). These mares and horses are all draft bred. Eight head of broken mules, six coming 3 years old and six coming 2 years. Forty-four suckling mule colts sired by good jacks and out of mares that weigh from 1,200 to 1,500 pounds.

Date of Sale January 14. Write for Bills.

P. S.—Have sold farm and am leaving the state.

R. B. POLLOCK, Admire, Ks.

Auctioneers—J. W. Busenbark, J. S. Lane.



LAMER'S Percheron Stallions and Mares

75 Head of Imported and Home-Grown Percheron Stallions and Mares, at "let live" prices.

Two-year-olds that weigh a ton.



C. W. LAMER & CO.
Salina, Kansas

The West's Largest Importing and Breeding Establishment. Importers and Breeders of Percherons, Belgians and Shire Stallions and Mares 120 Head to Select from

Our Stallions and mares are strong and massive, with great quality, style and conformation, with splendid color and dispositions. They are selected with an eye single to the wants of the most critical American buyers, and we can sell them for less money than any one in the business, quality considered. The stallions will go into any community and command the best mares, command the men who are the best pay and who take the best care of their stock. Let us know your wants. We can suit you in both price and quality.

L. R. WILEY, Emporia, Kan.

DON'T PUT IT OFF ANY LONGER, BUT COME AT ONCE AND PICK A Percheron or Royal Belgian Stallion or Mare

We have them to suit you if you are ever so discriminating. Our entries won 23 prizes at the late Nebraska State Fair; 3 champions, 8 firsts, 7 seconds, 2 thirds and 2 fourths. Prices are right. Photos from life on application.

WOLF BROS.

Importers and Breeders

ALBION, Boone County, NEBRASKA.



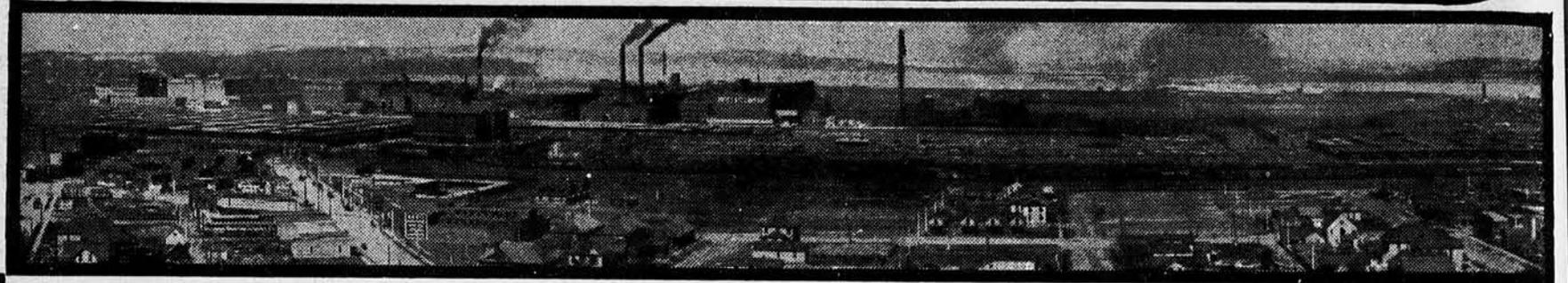
They Are So Different!

All Imported, both PERCHERONS and BELGIANS. Last importation arrived Sept. 1st. The selects of both countries. I buy my own horses. All sound, big, flat boned. Ages, two and three years. Prices reasonable. Perfect guarantee goes with each horse and for two years at that. **W. H. RICHARDS, V. S., (Stables in the City) Emporia, Kansas**



ST. JOSEPH STOCK YARDS

ST. JOSEPH, MO.



Capital and Surplus
\$200,000



Live Stock Com. Co.
ALL MARKETS

NATIONAL
LIVE STOCK COM. CO.
SOUTH ST. JOSEPH, MO.

Chicago St. Louis Kansas City Omaha Ft. Worth

P. S. Shipping live stock to a good firm is like making love to a widow—you can't over-do it.



W.F. Davis'
World's Biggest
HAMPSHIRE
HOG SALE

Breed them Right—Get the
Hampshires. **150 Bred Sows—**
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February 18, 1913

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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.

320 A. improved corn, wheat and alfalfa land \$15.00 per a. Terms. Other snaps. L. E. Pendleton, Dodge City, Kansas.

BARGAIN. Improved 80 a., mile out, \$3,600. Send for land list. F. C. LIBBY, Blue Mound, Kan. J. L. Wilson, Salesman.

FOR SALE. 160 a., 80 in cult., 40 creek bottom, 20 alf., good improv., correspondence solicited. Geo. R. Rineberger Elmdale, Kan.

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark and Co., Chetopa, Kan.

370 CHOICE bottom, alfalfa and corn farm improved, near town; \$50 for quick sale, worth \$75. E. J. VOTAW, owner, Wichita, Ka.

LOOK HERE! 80 acres good land nicely improved, 5 miles town, gas well, \$50 per a. Easy terms. Other bargains. Kraushaar & Belding, Pleasanton, Kansas.

HUTCHINSON, Kan.: Choice city property to trade for good farm. Describe fully with price. Buy our 1,760 bargain at \$12.50 per acre. Haines Realty Co., Hutchinson, Kan.

MUST SELL. SACRIFICE. 160 Summer county, highly improved, close to town; 40 acres alfalfa, 60 pasture, excellent farm. Information, Lock Box 285, Wellington, Kan.

BARGAIN in ranch lands. 30,000 a. fine grass, abundant water, considerable farm land, \$12.50 a. 1/2 cash, bal. 10 yrs. Can divide. No trades. Taylor & Bratcher, Coldwater, 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.)

FORD and adjoining counties; wheat, corn and alfalfa land, low prices. Values are rapidly advancing. Now is the time to buy. Agents wanted. L. E. Wait, Dodge City, Ka.

GREATEST cash bargains in Jefferson Co. 60 a. at \$50; 120 a. at \$50; 200 a. at \$45; 160 at \$65, all tillable, well imp., on easy terms. J. A. DECKER, Valley Falls, Kan.

EIGHTY-FIVE miles southwest of Kansas City you can find us with a nice list of eastern Kansas farms; reasonable prices; exchanges. Rice-Daniel Land Co., Garnett, Kan.

CENTRAL Southern Kan. alfalfa lands. 320 a. valley land, 200 suitable for alfalfa, \$8,000. 160 a. in valley, 120 in cult., \$4,800. For free list write P. H. THORNTON, Coldwater, Kan.

80 A. located 5 mi. of Ottawa, Kansas. 20 a. bluegrass pasture, 5 a. timber, 55 a. corn land, 7 room house, barn, price \$55.00 per a. Terms to suit. Mansfield, Ottawa, Kan.

ATCHISON county bargain. 120 acre farm 3 mi. from town with county high school; all tillable; good 5 room house; young orchard. Price \$65.00 per acre. Terms reasonable. JOHN E. SULLIVAN, Effingham, Kan.

ASHLEY county land: 5,000 acres, all tillable, no rocks or hills; for sale in small farms; \$2.00 per acre cash, balance in 10 yearly payments. Steady employment for buyers. MALONE & COMPANY, Hamburg, Ark.

A BIG BARGAIN—100 a. 3 mi. town, second bottom, 75 a. in cult., bal. pasture and meadow, 5 r. house, good barn, granary, hen house, etc. Lots of fruit, good water; sandy loam, good producer. A nice home and a bargain at \$5,000; easy terms. A nice little improved 80 four mi. town, \$3,200. We have other good ones; come or write. J. F. Hoskins Land Co., Bennington, Ottawa Co., Kan.

ELK CO. Bargains in well impr. farms, close to schools, and town. Cattle ranches close to shipping point, fine stock country. Land \$20 to \$50 a. Send for description and terms. F. D. GREENE, Longton, Kan.

155 A. located in Franklin Co., Kansas. 70 acres in cultivation, 8 a. tame grass, 50 a. native grass, 30 a. meadow, 2 a. orchard, 6 room house, good barn, good outbuildings, close to railroad town. Price \$60 per acre. Terms to suit. Mansfield, Ottawa, Kan.

CITY and suburban properties—a good selection to choose from close to the State Agricultural college. Write your wants. L. D. ARNOLD, Manhattan, Kan.

CASH BARGAIN. 240 a. well improved, bottom land close to town. No waste. Part time. Price \$84. Exchanges. Write JESSE SIMPSON, Scandia, 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.

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. GODBY, Arkansas City, Kan.

1,600 A. imp. ranch in corn belt; 400 acres good bottom land, 270 a. cult., 160 a. fine wheat; 35 a. alfalfa, bal. pasture; 7 mi. to R. R. town, 1/2 mi. school, R. R. and phone. Price \$20 a. Part trade. Terms. Give full description 1st letter. I. R. ELDRED, Phillipsburg, Kan.

COFFEY COUNTY, EASTERN KANSAS. Good homes and investments. Corn, tame grass and ranch lands, \$30 to \$60 per a. List free. LANE & KENT, Burlington, Kan.

FOR SALE OR TRADE. 100 farms, Western, Central, Eastern Kansas in tested counties. Crop failures unknown. List free. THOS. DARCEY, Offerle, Kansas.

EASTERN KANSAS RANCHES. 1,000 acres, \$25 per acre. 1,730 acres, \$19 per acre. 1,871 acres, \$26 per acre. T. B. GODSEY, Emporia, Kan.

BEST BOTTOM FARM IN KANSAS. 300 a. finely improved, 1/2 mi. town, 60 a. alfalfa, 60 a. pasture, 75 a. in wheat; price \$65 a. Gile & Bonsall, South Haven, Sumner Co., Kan.

NEW RAILROAD. Good relinquishment, \$350, and three deeded quarters at a bargain, near new railroad town in Morton county. DON VAN WORMER, Richfield, Kan.

EASTERN KANSAS FARM BARGAIN. 120 a. 3 1/2 mi. town, 100 a. cult., 2 a. orchard, bal. meadow, fair bldgs., windmill and tank; R. F. D. and phone. Price \$45 a. J. C. RAPP & CO., Osage City, Kan.

FOR SALE. 320 acres level wheat land \$9.00 per acre. Carry 1/2 on land. Also many other good bargains in corn, wheat and alfalfa lands. L. E. PENDLETON, Dodge City, Kan.

MONEY-MAKERS AND GOOD HOMES. Lands in Oklahoma, Texas and Kansas for sale, no exchanges. City property and stocks of mdse. to exchange. List free. JABEZ F. BRADSHAW, Lenexa, Kan.

LOOK BEFORE YOU LEAP. Come to northeast Kansas, (Marshall and Washington Co.) 75 farms for sale. New list ready and free showing land \$11 to \$125 per acre. Pralle Bros. Realty Co., Bremen, 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.

THE GRASS THAT FATTENS. I have a fine list of small ranches, from 320 to 1,600 acres in the great livestock county of Butler, Kansas; famous for its wealth in alfalfa, Kafir corn and native grass limestone pastures. V. A. OSBURN, Eldorado, Kansas.

THINK OF IT. We will sell you 160 or 320 acres of the best unimproved corn and wheat land in Wallace county, Kansas, for \$10 an acre. \$1 an acre down, balance in nine equal payments 8 per cent. THE WARD-SCOTT INVESTMENT CO., Sharon Springs, Kansas.

FARM BARGAIN: 160 acres, 2 mi. south of Portland, 4 1/2 mi. east of South Haven and 16 miles from Wellington, Sumner Co., Kan. 40 a. pasture, 27 a. fine growing wheat, 7 a. alfalfa, 2 a. orchard, balance in cultivation, 27 a. of this is fall plowed, 4 room house, 2 barns, good cave, cribs, sheds, hen house, etc. Cistern water in house, good well, windmill and tank in corral. Farm lays fine and has the famous Sumner Co. dark-brown loam. School house corners farm. Nothing in this part of the country can be bought for same money. Price \$52.50 per acre. Terms \$2,000.00 cash, balance to suit at 6% interest. Write or call on owner, E. J. OLANDER, 431 Kan. Ave., Topeka, Kan.

See Kansas Land Bargains. Write today for special land list. FOSTER BROS., Independence, Kan.

\$175. Per Month for 10 months buys a guaranteed level, well located lot in Plains, Kansas. No "ifs" nor "ands," no favors shown, but a gilt edge proposition for those who act promptly. Only a few to be sold at this price. Send \$1.75 as first payment or write for complete list. JOHN W. BAUGHMAN, Desk G, Plains, Kan.

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. 240 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.

Sedgwick County Farm Bargains. 280 A. first bottom farm, fair improvements. One mile of R. road town, \$50 per A., \$2,000 cash, will suit you, 101 A. bottom farm one mile of city 8,000 people. Fine improvements, great bargain \$110 per acre, \$1,000 cash. 320 farm, fair improvements raised 28 bushels wheat per A. this year, \$75 per A. Terms. 80 farm, improved, good land, near city, \$80 per A. 21 A. farm, well improved, suburbs of Wichita \$6,500. Call on or write. H. E. OSBURN, 227 E. Douglass Ave., Wichita, Kansas.

30 Minutes. From Wichita Union Stock Yards, just the place for a farmer and stockman. 120 acres in cultivation, 120 acres in grass, conveniently fenced into fields and lots. Some hog tight. A good 5 room house, barn, sheds, etc. Shallow water, all smooth and tillable; will grow good alfalfa; a deep rich loam soil. Just think of it! 240 acres all told for \$65 per acre and easy terms. This must be sold. THE LEACH REALTY CO., Wichita Kan.

COMANCHE COUNTY BARGAIN. 480 a. improved, 9 miles from Coldwater. 173 a. fine growing wheat, all goes, for quick sale, price \$27.00 per a. Terms if desired. C. A. HEATON, Larned, Kansas.

ALFALFA AND WHEAT LANDS at \$20 up. Grass lands \$10 up. Crops are good; prices are rapidly advancing—NOW'S the time to buy. List free. A few exchanges considered—they must be gilt edge. WILLIAMS & PICKENS, Meade, Kan.

A SACRIFICE. 76 acres, 9 1/2 miles from Topeka. 11 acres alfalfa bottom; 19 a. in fine meadow; 14 a. pasture; 7 a. timber; balance tillable; all fenced and cross fenced; running water in pasture; 3 wells; small house, stone barn, arch cave, corn crib, chicken house, wagon shed, good corral. Will sell at bargain to immediate purchaser. R. V. HICKS, care Mail and Breeze, Topeka, Kan.

OKLAHOMA. 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.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

BARGAINS in Tex. Co. farms. Some ex. Write for list. Harvey Cox, Hooker, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms, \$10 to \$50 per a. Write Ebeys & Harrison Bros., Ada, Okla.

KAY COUNTY corn, wheat and alfalfa lands, \$20 to \$75 per acre. New list free. N. E. SAYLOR, Newkirk, Okla.

FARM FOR SALE cheap. 160 a. improved farm in central Oklahoma, 3 mi. from good town. Write A. W. Jones, Quinton, Okla.

WHY NOT come to Bryan county, Oklahoma, where you can raise anything that grows? For information write JOHNSON & MARSHALL, Durant, Oklahoma.

SNAP FOR TOWN SITE PROMOTERS. 160 a. improved farm in western Oklahoma for sale cheap. Railroad station located on this farm. Write A. W. Jones, Quinton, Okla.

30 TO \$60 per acre will buy improved and deep soil, no rock, no hardpan, 42 inch rainfall, adjoining Eufaula on the northwest. Write me what you want. CHARLES WHITAKER, Eufaula, (Eastern) Oklahoma.

WRITE for list farms in E. Okla. Soil as productive as E. Kansas. Raise much corn, wheat or alfalfa per a. Have more rainfall. Imp. farms \$15 to \$30 a. Prairie grass pasture lands \$6 to \$12 a. Any size tract. SOUTHERN REALTY CO., McAlester, Okla.

SEVERAL FINE FARMS FOR SALE in the best corn and cotton belt of Eastern Oklahoma; 80 to 600 acre tracts, \$25 to \$60 per acre. R. B. HUTCHINSON, Checotah, Okla.

POCKET MAP OF OKLAHOMA for five names of persons intending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

FOR SALE. 160 a. 1 mi. of small R. R. town, fair improvements, 1/2 of 140 acres wheat. Price \$50.00 per acre, will guarantee investor \$500.00 rent. J. H. FUSS, Medford, Okla.

RENTERS, OWN YOUR OWN FARM. I have some good Oklahoma land that can sell for one-fifth down and ten years on balance at 5%; just like rent. If you are a young man, wanting a start this is your chance. Own your own home; don't pay rent. Write me now. W. J. FINCH, El Reno, Okla.

Oklahoma Wants You 500 choice farms for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, 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 making investment, write to or call on W. T. HARDY, McAlester, Okla.

Meade, Gray and Ford Counties

Good wheat, corn, oats, and alfalfa land. Some farms as low as \$20.00, on good easy terms. Agents take notice. CLAY MCKIBBEN, Dodge City, Kansas.

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.



West Riverside Stock Farm.

The above farm will be sold at auction Jan. 22. It is located about 65 mi. southwest of Wichita, Kan., in eastern Harper Co., contains 160 acres. 145 acres best Alfalfa land, bottom land, rich deep soil, 50 acres growing wheat, 30 acres alfalfa, 15 acres native pasture, bal. for spring crop. Well watered

by living stream, plenty native shade for stock. Fenced and cross fenced, hog tight. This farm is in high state of cultivation, and produces immense crops. 1 mi. to school, 1 1/2 mi. to grain elevator, 4 mi. to market. If you are in the market for a highly improved farm, you cannot afford to overlook this proposition. I am leaving the

country, and will make my future home in Ky., and must sell this farm in order to close a deal there. No "by bidding" here. I absolutely guarantee everything strictly on the square. All stock and implements sold after the farm, giving the purchaser a chance to restock the farm at once if desired. One-half cash, terms on balance. I will also

sell on same date, my fine herd of Durocs, 30 bred sows and gilts, 20 fall and summer males and gilts. 25 head of the sows are bred to the great breeding boar Graduate Col. 28279a. Send for catalog. Remember the date. Parties from a distance come to Argonia on Mo. Pac. and Santa Fe. H. E. FISHER, Owner, Danville, Harper Co., Ks.

MISSOURI.

35 OZARK bottom farms. List free. Write H. H. Wright, Marshfield, Mo. 120 A. farm \$700 B-Z terms. Write for picture. Box 594, Mountain View, Mo. WRITE Morris & Walker for list of south Missouri farms, Mountain View, Mo. STOP! Listen! 40 a. farm \$350. Terms. Other farms. McGrath, Mountain View, Mo. STOP today. Write King & Coon for book. Polk Co. land. King & Coon, Flemington, Polk Co., Mo. FARMS for sale in Northwest Missouri. Write Booher & Williams, Savannah, Mo. for list. No trades. FINE 430 acre Pettis Co., Mo., good improvements, near town, \$90.00, 1/4 cash, might consider half clear trade. Eugene T. Thomson, 415 Ohio St., Sedalia, Mo. 200 A. 4 ml. R. town. Unimpr. Running water. 25 a. bottom, good grass, good timber. \$2,000. Baker Realty Co., Mountain Grove, Mo. MO. lands, impr. and unimpr., low prices, easy terms; booklet "Why Not Missouri?" free. Exchs. made. C.L. Beach & Co., Mansfield, Mo. WELL imp. 160 acre farm, 8 1/2 miles out; \$4,500, on easy terms. Write for particulars. DeMotte Realty Co., Mountain Grove, Mo. MO. farms, \$25-\$60 a. Prices rapidly advancing. New list and folder free. German community. J. H. Frederick, Cole Camp, Mo. FREE, "The Ozark Region." Contains new list cheap lands, and valuable information. Durnell & McKinney, Cabool, Mo. SEDALIA, Pettis Co. Finest agri., live-stock and bluegrass sec. in state. Farms for sale. Morris Bro. R.E. & Loan Co., Sedalia, Mo. WELL improved 156 1/2 acres, 4 ml. from Bucyrus, will sell at a bargain if taken at once. L. O. SMITH, Rural Route No. 1, Jamesport, Missouri. WRITE for list improved farms in heart of Corn Belt (Northwest part of State). H. J. Hughes, Trenton, Missouri. Seller of Missouri Black Dirt. MISSOURI agriculture and grazing land \$15 to \$50 per acre. Finest climate, best water and grass. Some tracts to trade. R. W. Hedrick, Cole Camp, Mo. 8,080 A. stock ranch at bargain; I am the owner of this ranch and am anxious to make quick sale. Also have listed for sale farms and ranches any size, from 40 a. up. Write me what you want. A. J. JOHNSTON, Merchants Natl. Bank Bldg., Springfield, Mo. 160 A., 1/4 ml. Parma, 110 cleared, 50 cut over timber. Price \$70 per acre. Easy terms. For full description write R. W. FOWLKES, Parma, Mo. HIGH CLASS farms of various sizes in Missouri or Kansas. 20 to 40 miles south of Kansas City. Send for list. L. W. KIRCHER, Cleveland, Mo. \$5 DOWN, \$5 MONTHLY, buys 40 acres near town southern Missouri. Price only \$200. Write for list of cheap lands. Box 372, Carthage, Mo. LOOK HERE. For sale only; smooth 120 a. farm, well improved; large house, new barn, near school; not far from Warrensburg, town 6,000, county seat; lays good; bargain for 30 days, \$57.50 per acre. Terms good. Look this up if you want land. Write O. J. TAPP, Warrensburg, Mo. OZARK LANDS FOR SALE. 40 a. all fenced with woven wire, 36 a. in cultivation, bal. pasture, new 5 room house, large barn and other outbuildings, fine water, 1/2 ml. school; mortgage \$500 due 4 yrs. at 5 1/2%. Price \$1,400. List free. JAS. B. WEBB, West Plains, Mo. ONE OF THE BEST. Howell Co., Mo., 240 acre farm, 200 a. in cultivation, all well fenced. Abundance of fruit, fine water, well cistern and tank, large barn, 6 room house, near town, R. F. D. and phone line, school 1 mile. Price \$37 per a., no trade. Other good farms. A. P. COTRELL LAND CO., Pomona, Howell Co., Missouri. AMERICAN FARMER. We are constructing a three million dollar ditch, which with its laterals is opening up for cultivation, 500 thousand acres wonderful corn, wheat, alfalfa and truck land. Southeast Missouri is the Nile of America and we want 5,000 settlers. These lands will increase in value millions of dollars each year. Write for literature and buy now. Address EDWARDS BROS. REALTY CO., Madrid, Mo. OZARK LANDS. Improved 80, eight ml. out, part valley, 2 acres bearing orchard, good; 2 fine springs, price \$1,500. Improved 40, 4 miles out, part valley, pretty spring branch across the land, price \$1,200. Improved 207 acre Indian Creek valley farm, 4 ml. out, 170 acres valley; finest farm in McDonald Co. Price \$11,000. Improved 120, 5 miles out, part valley, extra nice home place. Price \$4,200. For particulars and terms address, ANDERSON REAL ESTATE CO., Anderson, Missouri. POLK COUNTY FARMS Ideal climate, pure water, fine pastures, short feed; g season, productive soil, prices and terms to suit. HARRY T. WEST REALTY CO., Bolivar, Mo. A Remarkable Bargain 320 A. all level land, 65 a. in cult., 80 a. pasture; bal. saw and the timber. 180 fenced, wire and rail; 9 room house, good well at house; barn 70x78; good well at barn; smoke house, other outbuildings; phone in house; handy to school and church; 6 ml. to North View on Frisco R. R. 5 ml. to Fairgrove; 8 ml. to Co. seat, Marshfield; price \$17,600. Incumbrance \$5,000, 5 per cent, due 6 years; will exchange for good Kansas farm. Will assume as much as \$9,000. What have you to offer? See or write FURDY & COMPANY, Springfield, Mo. Best in Missouri 1,000 acres, joins city limits good town in S. E. Missouri. 400 acres river bottom land cultivated, 600 acres woodland pasture; all under woven wire fence, spring water. One 11 room modern house, two 7 room houses, barn 100x180 ft. Ideal home and finest farm in Missouri. Price \$40 acre. Write for full description. H. B. WANN REALTY CO., 205 N. Campbell St., Springfield, Missouri.

ARKANSAS

FARMS and fruit lands. All sizes and prices. T. A. Bayley, Ft. Smith, Ark. GOOD corn and rice land. Cheap. Easy terms. See W. P. Cook, Brinkley, Ark. GOOD fruit and farm land, cheap; terms. S. L. Consalus, Mammoth Spring, Ark. GOOD fruit, berry and truck land. Prices right. Boatright & Weaver, Van Buren, Ark. 80 ACRES partly improved \$600. Other lands. F. E. Jones, Mammoth Springs, Ark. FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark. ARKANSAS RIVER BOTTOM plantations, virgin timber lands, small farms. Send for list. Dumas Realty Co., Dumas, 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. 400 ACRES, 125 cleared, \$17.50 acre. 160 acres, fine bottom, \$10 acre. 50 acres, 30 cleared, \$12.00 acre. J. T. CARLTON, DeQueen, Arkansas. 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. Imp. and unimpr. prairie, timber and rice lands. Write me today. Olaf H. Kyster, Stuttgart, 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. 17,000 ACRES, all tillable, no rocks, hills or swamps, for sale in small farms in Grant Co. Your own terms, 20 years 6% if desired. Can give employment to purchasers. E. T. TETER & COMPANY, Opposite the Union Station, Little Rock, Ark. 430 ACRES rich dark loam land; 120 cultivation; bal. timbered; level, no rocks; 1 ml. R. R. \$12 acre, 1/2 down. ROBERT SESSIONS, Winthrop, Ark. 40 ACRES of fine laying land in the celebrated Vaughan Valley, 1/2 mile from school, P. O., store and shop, price \$1,500. 1/2 cash, balance to suit, no trade. JOHN W. REDMAN, Hindsville, Ark. GET AWAY FROM COLD WINTERS. Come to Springdale; PURE, SOFT water, no malaria, mosquitoes, negroes, saloons. 80 acres, good imp., fine dairy proposition, \$2,400; 20 acres, poor buildings, 5 a. orchard, 8 a. clover; \$1,200. FREDRICKS, Springdale, Arkansas. A REMARKABLE BARGAIN. 623 ACRES; good 8 room residence; two tenant houses; 130 a. cultivation, 2 ml. railroad town. No wash land. Price \$10 per a. Other lands. R. C. THOMAS, Magnolia, 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. 620 A. Bottom Land or any part thereof at \$15 per acre, within two miles of two railroads, no overflow, level, fine grass land, good hunting and fishing. We don't care for all cash. 1/4 section of timbered land, about 20 acres cleared, level, no rocks, at \$15.00 per. Also a few improved farms. Write us, we will take care of you. M. & B. TIMBER CO., Farm Department, Malvern, Ark. TEXAS

TEXAS

160 A. Improved, \$35, 40 a. improved \$45. Easy terms. Close in, black soil. Artesian water. J. H. Cope, Palacios, Tex. WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Tex. FOR SALE—Cheap Texas land 8 miles south S. P. R. R. in Brewster county. Buy a section and hold for investment; 50 cents per acre cash, balance easy terms; 60% tillable. Title perfect. W. Willeford, Flatonia, Tex. THE BEST cheap land proposition in the United States today. Wheat yielding from twenty to forty bushels per acre, all other crops equally good. Write us for particulars. J. N. JOHNSON LAND CO., Dalhart, Tex. LISTEN! Tarrant county, Texas, has more railroads, more inducements for homeseekers in good lands, plked roads, good markets, health record, schools, churches, etc., all things considered, than any county in the Southwest. Ask for special list of farms, ranches and dairy propositions, close to this great city. KITCHEN-VAUGHN-SEEVER CO., Fort Worth, Texas. 1,280 ACRES unimproved Sherman county, Texas, for sale by owner to settle estate. Price \$12.50 per acre. Easy terms. Write A. E. HARRIS, Charleston, Mo. Free Paper about Mid-coast Texas. "THE LAND BROKERS COMPANY helps you to BUY DIRECT FROM THE OWNER." Palacios (City by the Sea), Texas. IDEAL STOCK RANCH. 15,382 a. 3,000 cult. Fine imp. 15 flowing wells, fine land, \$22.50 a. Produce buyer, get half the com. D. W. GRANT, Palacios, Tex. BUY COAST FARM LANDS. We make a specialty of locating the best for the money for the homeseeker and investor. For list and free information write C. H. Stanciliff Land Co., Houston, Tex.

NEVADA

"HOMESTEADS." Do you or your friends want a 160 or 320-acre homestead? Here in Nevada you may take 250-acre homesteads, and under the new homestead law you are entitled to five months off each year. I have a "NEW VALLEY," where water is obtained from 10 to 20 feet and good land has been tested and found very satisfactory; railway close. "LOCATION FEES REASONABLE," all work guaranteed; good people wanted. These lands will produce all kinds of crops except citrus fruits. IF YOU MEAN BUSINESS and want good lands answer this at once. L. C. DOLLEY, Box 179, RENO, NEVADA.

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BRITISH COLUMBIA. If interested in first class land for investment or settlement, write today. Canadian Land Agency, 615-2 Rogers Bldg., Vancouver, B. C. OWN YOUR HOME IN CANADA. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequaled, no crop failures, no personal tax. Write today. LYNN W. BARRETT, Aldersyde, Alberta.

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FOR SALE—2 large apple and peach orchards. Located in famous Georgia Peach belt. For particulars address C. S. PERRY, 7721 St. Elmo Ave., Chattanooga, Tenn.

IOWA

ALFALFA \$6. Timothy and clover mixed, \$4.50. Farms for sale and rent on crop payments. J. MULHALL, Sioux City, Ia.

FOR SALE OR EXCHANGE

SALE—Exchange. E. Kansas lands, etc. Write today. Baylor & Royer, Valley Falls, Ks. WE BUY, sell, exchange anything, anywhere of value. Ozark Co-operative Realty Co., Willow Springs, Howell Co., Mo. BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan. SOUTH MO. imp. lands for sale and exchange; low prices. Write to or call and see Goff, Sess & Co., Willow Springs, Mo. BARGAINS in southern Kansas farms. \$40.00 to \$75.00 per acre. Exchanges. Send for list. N. F. Paulin, Parsons, Kan. FOR SALE OR TRADE: Good hotel all furnished, doing good business in N. E. Kan. Triplett Land Co., Garnett, Kan. 40 A. near best residence district of Wichita to trade for clear western land. H. C. Whalen, 213 Biting Bldg., Wichita, Kan. EXCHANGES, cash sales of farms, city property, merchandise. What have you? Address Southwest Real Estate Exchange, Moriarty, N. M. A TWELVE room modern house to trade for small improved farm with no incumbrance. Address owner, M. H. Johnston, 1501 R. I. street, Lawrence, Kan. WANT MERCHANDISE for 320 a. alfalfa, wheat and beet farm. 240 under ditch, \$65.00 per a. Clear. Owner will put in some cash for No. 1 stock. Box 874, Garden City, Kan. TOUCH a live wire. Our Red Letter Special will trade your property. List today. Guaranteed deal. Write for particulars. Midwest Realty Exchange, Riverton, Neb. E. KANSAS lands, city property and stocks of mdse. for sale and exch. Fully describe and price your proposition in first letter. Harman Farm Agency, Valley Falls, Kan. TRADES—Have dandy imp. and unimpr. 80s, 160s, 320s and 640 tracts to trade; also mdse. and town property. Write your wants. WALTER A. DOERSCHLAG, Ransom, Kan. 160 ACRES, Ness Co., 3 miles R. R. town, all best land well improved clear, price \$4,000. Want small place east, close town, bal. cash or time. Buxton Land Co., Utica, Kan. INVESTIGATE this: We have dandy imp. 2,720 a. ranch; clear, fine agricultural land; shallow; underflow; trade for rental or income. KYSAR REALTY CO., Goodland, Ks. FREE—Loose Leaf Exchange Book. It will match your trade. Write Desk A. E. P. JOHNSON, Ordway, Colo. BARGAINS in alfalfa and general grain farms, merchandise and income properties. Exchange a specialty. Send for literature. J. D. PNEAU, La Cygne, Kansas. \$5,000 IMPLEMENT stock for good Kansas land of equal value. A. W. BREMEYER, McPherson, Kan. FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan. 22 ROOM HOUSE for sale or trade. This rooming house is in the city of Pueblo, a city of 60,000; has 22 rooms, 16 of them are furnished that goes with the house, and is modern in every way. Rented for \$50 per month. Price \$10,000. What have you to offer? JNO. L. BASS, Box 473, Rocky Ford, Colo. FOR SALE AND EXCHANGE Ozark lands in tracts to suit, \$4.00 acre up. List free. Anna E. Hoekensmith, Ava, Mo. EASTERN KANSAS FARM WANTED in exchange for a well improved 560 a. stock and grain farm, 1 ml. Dresden, Decatur Co. Just the thing for a stockman; good location, splendid shipping facilities. Will assume on something good. IOLA LAND COMPANY, Iola, 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 ml. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

LAND FOR MDSE. 200 a. Chautauque Co., Kansas, \$6,000; \$9,000 general mdse., want good Kansas land. Write for exchange list. HUNTER BROS., Independence, Kan.

LAND WANTED. If you have Kansas land to exchange for Kansas City income prop., write us with full description of land. E. G. SUTTON REALTY COMPANY, 709 Victor Bldg., Kansas City, Mo.

GOOD BARGAINS IN MISSOURI LANDS. Now's the time to buy, while lands are cheap. Howell Co. products won 1st prize at Missouri State Fair. We sell, we trade; what have you to exchange? "Write Kirwan & Laird about it." West Plains, Mo.

FARM BARGAINS. Farms, ranches, city property and merchandise; for sale or exchange, any size, any price, anywhere. Write for large free list. SEWELL LAND CO., Garnett, Kan.

ATTENTION, TRADERS. If you have Arkansas land to sell or trade for Okla. land, or mdse. to trade for land in the famous fruit belt of So. Ark., let me hear from you at once. Will go there in January. R. S. COX R. E. CO., Guyton, Okla.

FIRST CLASS HOTEL FOR SALE. 20 rooms in the best small new town in south Florida. New and modern, completely furnished, good water connections in house. A rare opportunity for a hustler. FLORIDA DEVELOPMENT COMPANY, Davenport, Fla.

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. State what you have to buy with, enclose stamp. C. F. FAY, Hagler, Dundy Co., Neb.

FOR EXCHANGE. Improved 160 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 home and fine land. Write for full description if interested. WILSON & RESEL, Colony, Kan.

Buy or Trade with us—Exchange book free. Bersie Agency, Eldorado, Ks.

Big Exchange List Free Our motto, "No inflated prices." FOSTER BROS., Independence, Kan.

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-Forsee Bldg., St. Joseph, Mo.

Investor Do you want to purchase or trade for land that grows big corn and 7 crops of alfalfa per annum? If you do, call on or write W. E. WILSON, Walters, Okla.

For Sale or Exchange 13 lots in St. Joseph, Mo., South 22nd St., between Oak and Cedar, 8 room modern dwelling, 4 room cottage, brick cave, barn, cistern, shade, good location and repair. Price \$14,000.00. Incumbrance \$6,200.00. Two lots Mayville, Mo., small improvements, \$2,200.00. Incumbrance \$500.00. Also \$4,200.00 1st mortgage, 313 acres in St. Clair Co., Mo., 2 yrs. 6%. Equity in all or part for equal value in land or merchandise. Submit your offer. W. L. BOWMAN REALTY CO., Kings City, Mo.

620 A. Bottom Land

or any part thereof at \$15 per acre, within two miles of two railroads, no overflow, level, fine grass land, good hunting and fishing. We don't care for all cash. 1/4 section of timbered land, about 20 acres cleared, level, no rocks, at \$15.00 per. Also a few improved farms. Write us, we will take care of you. M. & B. TIMBER CO., Farm Department, Malvern, Ark.

TEXAS

FREE. Taylor's Texas Investor (Magazine). A money saver, write now; six months free. H. S. Taylor, Houston, Tex.

580 ACRES FOR SALE. Will take in some draft brood mares. EAGLE LAKE INV. CO., Eagle Lake, Tex.

HALF THE PRICE You pay in the North, or less, will purchase prairie land, 160 acres up. Will yield 40 bushels corn per acre, only \$40 per acre. Plenty rain, fine climate. Have some exchanges. See or write JNO. C. PENN LAND COMPANY, Houston, Tex.

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 RICHEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

TEXAS ACRES—TRUCK FARMS—HOMESTRUCKS. 25 minutes from Houston's business center, fastest growing city in Southwest. Rich soil, ideal climate. Convenient transportation by interurban, steam or finest shell boulevard in Harris county. 5 a., \$10 down, \$10 month, nom. int., no taxes. SOUTH TEXAS MORTGAGE COMPANY, Houston, Texas.

649 Acres Texas Land all in one body. 6 miles northeast of Chaning, county seat of Hartley Co. All level, smooth land except about 70 acres. 500 acres first class wheat land. Will grow maize, kafir corn, broomcorn and all kinds of small grain. Price \$15.00 per acre. R. S. SEWELL, R. R. 1, Rio Vista, Tex.

All About General Farming in the Mid-Coast Country of Texas Write for our illustrated booklet. Mid-Coast Colonization Company A. A. Highbarger, Mgr., Bay City, Texas.

January 11, 1913.

MARKET PROBABILITIES

Rough Weather is Stimulating Cattle Receipts at Markets and Packers Are Out to Depress Prices—Packers Holding Hogs to \$7.50 With Difficulty—Mutton and Beef Closing Up—Grain Showing Strength But Large Receipts Keep Hay Weak

[Written Specially for the Farmers Mail and Breeze.]

Heavy receipts of cattle in Chicago Monday weakened the market, though at Missouri river points receipts were moderate. Rough weather which increases feeding expense materially was the cause of the large supply in the East and liberal receipts are expected to follow at river markets later in the week. Some fat steers were quoted 10 cents lower, but butcher cattle and stockers and feeders were generally steady. The cattle market is free of holiday entanglements which six weeks ahead in which there is neither feast nor fast day, but a general one of broad consumption; a turning from poultry, game and fish to beef. Packers are starting on that period intent on depressing prices, and their success in hammering the market will depend almost entirely upon receipts. According to shippers and feeders there are comparatively few cattle in feed lots. In this connection it must be remembered that this country is pretty large and shippers can put themselves in a mighty awkward position by bunching receipts. The supply in feed lots now is practically the number of cattle that will have to make the beef for the next four months. Feeder movement in that time will be small, and of little consequence in making additional beef. On the side of the packer it is a case of lowering prices if possible. Values have been exceedingly high for nearly a year, and the logical position would be lower if other conditions were normal. But they are not, and are not likely to be so until production of cattle gets on a broader basis. If packers can hold prices in the next few months on a \$7.50 to \$9 basis they will do well. The feeder is making his grain count for more now than ever before, as the weather has been mild thus far and there has been nothing wasted in keeping the cattle warm. Daily gains of 4 to 4 1/2 pounds, on a forty-pound feed ration have been common occurrences this season, and such weight increase means a good profit. While \$9.50 is straining the market, except for something choice, 60 to 90-day fed stuff that represents a gain of 240 to 400 pounds is vying at \$8 to \$8.75. A big January movement will mean a drop of 50 cents to \$1 in prices. Conditions are such that a steady, moderate movement will clear the fat cattle, and prices remain firm.

ers however, believe that the set back was only temporary and that the next few weeks will see a further advance. Mutton however, is selling nearer to beef than at any preceding time in the past seven months, and its proximity to that commodity may effectually check the advance. Prevailing quotations for well fed lambs are \$8.25 to \$8.50, some up to \$8.75, yearlings made \$7.50, ewes \$5, and wethers \$5.50. Heavy muttons however, are still out of line with lambs and light weight yearlings. For a readjustment in this condition mutton finishers used to wait for the spring export trade, but in recent years there have been practically no continental shipments. The amending of values therefore will come from domestic sources. Wool and pelt prices continue firm.

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:

Table with columns: Market (Kansas City, Chicago, Omaha, St. Louis, St. Joseph), Cattle, Hogs, Sheep. Includes Total and Year ago data.

The following table shows receipts of cattle, hogs and sheep at each of the five western markets, Monday, January 6, together with total for the preceding Monday and a year ago:

Table with columns: Market, Cattle, Hogs, Sheep. Includes Total and Year ago data.

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:

Table with columns: Market, Cattle, Hogs, Sheep. Includes Per 100 lbs. and Year ago data.

1912 Livestock Receipts.

The following table shows receipts of cattle, calves included, hogs and sheep, at each of the five western markets in 1912, together with receipts in 1911, and totals for both years:

Table with columns: Market, CATTLE, HOGS, SHEEP. Includes 1911 and 1912 data.

Larger Horse and Mule Receipts.

Receipts of horses and mules the past week at the various markets were larger than for sometime past and the offerings were cared for easily at steady prices. The season is not entirely away from the holiday shadow, and shipments should not be too large for a few weeks. The general trade promises to open early this year and a good demand is expected.

Kafir Corn and Seeds

Kafir, No. 3 \$2@33c a cwt.; maize, 79c a cwt. Alfalfa seed, \$9.00@12.00 a cwt.; flaxseed, \$1.05 a bushel; timothy, \$1.50@1.75 a bushel; cane seed, 90c@1 a bushel; millet seed, 95c@1.15.

Stronger Grain Prices—Hay Weak.

Corn prices were up 1 to 2 1/2 cents the first of the week. No. 2 white corn sold at 50 cents or better. Wheat prices were fractionally higher. Hay sold slowly at unchanged prices.

Continued dry weather with high winds in practically all of the wheat region is causing some apprehension on account of the fall sown crop, and on that account cash prices for wheat were higher last week. Corn was up 1 to 2 cents and oats firm. Demand for corn is broadening but receipts continue small, the crop considered.

Hay continues in a weak position, with receipts large, especially alfalfa and prairie.

The following prices prevail for grain in Kansas City and St. Louis:

Table with columns: Grain (Wheat, Corn, Oats), Kansas City, St. Louis. Includes Hard No. 2, Soft No. 2, White No. 3, Mixed corn, No. 2 white, No. 2 mixed.

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:

Table with columns: Market, Wheat, Corn, Oats. Includes Chicago and Kan. City data for 1912 and 1911.

Hay Prices in Kansas City.

The following is the range of quotations on the Kansas City hay market:

Table with columns: Hay type (Prairie, Timothy, Clover, Alfalfa, Straw), Price range.

Kansas City Livestock Quotations.

Prime steers \$8.75 to \$9.25; good to choice \$8.25 to \$8.65; fair to good \$7 to \$8.20; common \$6.25 to \$6.95; quarantine steers \$5 to \$7.65; native cows \$3.50 to \$7.50; heifers \$4 to \$7.75; calves \$4 to \$10; bulls \$3.75 to \$6.50; stockers \$5.30 to \$7.25; feeders \$6 to \$7.75; stock cows \$3.75 to \$5; stock heifers \$4 to \$5.50; milch cows \$35 to \$90.00. Hogs—5 to 10 cents higher Saturday than a week ago—lights \$6.30@7.30; mixed \$7.10@7.40; heavy \$7.25@7.40; bulls \$7.20 to \$7.40. Thursday was the high day last week—top \$7.45.

The following table shows the range in prices of hogs in Kansas City on days named for the past two weeks:

Table with columns: Day, Last week, Previous wk. Includes Tuesday through Monday.

Broomcorn Market Quiet.

The volume of business in broomcorn continues small. Buyers are still holding off, and countrymen show no disposition to crowd the market. In the next few weeks buyers and salesmen will get together on a better trade basis. Choice green, selfworking corn is quoted at \$90 to \$100 a ton; fair to good selfworking \$45 to \$85 a ton; common to fair selfworking \$20 to \$45 a ton.

Sheep market steady 15 to 25 cents lower than the high point of the week. Choice lambs \$8 to \$8.40; yearlings \$6.75 to \$7.25; wethers \$4.75 to \$5.25; ewes \$4 to \$4.75.

Livestock in St. Louis.

Cattle market down 10 to 25 cents—native heaves \$5 to \$9.50; cows and heifers \$4 to \$8.50; stockers and feeders \$5.25 to \$6.75; Texas and Indian steers \$5 to \$7.90; cows and heifers \$3.55 to \$5; calves in carload lots \$5 to \$6.50; veals small lots up to \$10.50. Hogs—Saturday's market 10 to 15 cents under high point of the week, and steady with a week ago. Lights \$6.75@7.55; mixed \$7.40@7.60; heavy \$7.50@7.60; bulk \$7.20@7.55.

St. Joseph Livestock Quotations.

Beef steers \$6.75@9.50; cows and heifers \$3.75@8; calves \$5@9.50; stockers and feeders \$5@7.25. Hogs—Lights \$7@7.25; mixed \$7.10@7.35; heavy \$7.20@7.40; bulk \$7.20@7.32 1/2. Sheep—Lambs \$6.75@8.50; yearlings \$6@7; ewes \$4@4.65; wethers \$4.50@6.25.

Butter, Eggs and Poultry.

Elgin, Jan. 6.—Butter this week is firm at 34 cents. Kansas City, Jan. 6.—Prices this week on produce are: Eggs—Firsts, new white wood cases included, 22@23c a doz.; seconds, 12@13c. Butter—Creamery, extras, 33 1/2@34c a lb.; firsts, 31 1/2@32c; seconds, 29@29 1/2c; packing stock, 26@27 1/2c. Live Poultry—Broilers, 14 1/2@15c a lb.; spring chickens, 12@13c; hens, 12@13c; young roosters, 9@9 1/2c; old roosters, 8@8 1/2c; young turkeys and turkey hens, 15 1/2@16c; old toms, 13@14c; cull turkeys, 7@8c; pigeons, 75c a dozen. Rabbits—No. 1, trapped, \$1.50@1.75 a doz.; No. 1, shot, \$1.25@1.50; No. 2, 60c.

Produce Prices Now and One Year Ago.

Table with columns: Market, Butter, Eggs, Hens. Includes Chicago and Kan. City data for 1912 and 1911.

COLORADO

SAN LUIS VALLEY, Colorado, 160 a. 3 mi. good R. R. town; lays fine; plenty of water; partly cleared and ready for plow; 4 room house; small stable; only \$40 a. Worth \$60; small cash payment; bal. long time 6%. Write owner. E. G. BYLANDER, Sedalia, Mo.

COLORADO.

BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

160 ACRES near Denver, \$1,600. House, barn, well, all fenced and cultivated. Fine soil. L. A. COBB INV. CO., 342 Century Bldg., Denver, Colo.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$8 to \$10 per a. A few relinquishments. Did you see "bleeding, aims-receiving Kansas" become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now. Pamphlet. R. T. CLINE, Towner, Colo.

EASTERN COLORADO.

Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

COLORADO—UNCOMPAGRE VALLEY. Ideal climate. On D. & R. G. R. E. (The Scenic Line of the World). Specials:—Irrigated farms, fine water rights.

Well improved dairy forty, in alfalfa, 30 cows, teams, wagon, harness, supplies, feed, worth \$450.00 per month. One mile of Delta. Price \$12,000.00.

Well improved 160, within 2 miles of Delta, the best town in Delta, the best county in Colorado, 6 teams, 5 cows, 40 hogs, 100 hens, full line implements, harness, wagons, 1,000 bushels grain, immediate possession. (7 head of the 12 are fine Percheron brood mares.) De Laval Separator No. 12. All for \$125.00 per acre.

GEO. W. BRUCE, Sole Agent, Delta, Colo.

SNAP 320 acres rich fertile land 1 1/2 miles from store and country postoffice, 18 miles from county seat. Price \$1,000. Fine proposition. Investigate. CHAS. PURDY, Box 359, Akron, Colo.

NEW YORK

143 ACRES, EIGHT ROOMED HOUSE, TWO BARN 32x40, 26x70, HEN HOUSE 12x30, CONCRETE MILK HOUSE, FRUIT WATERED, BEST. 28 acres timber and wood. 1 1/2 miles to railroad town. Close it at once will include pair horses, seven head cows and heifers, mow, rake, sulky plow, wagons, buggy, harness, grain drill, reaper, numerous other tools. All goes for \$3,100. PART CASH, BALANCE 5% interest. Also 1 1/2 acres SEVEN ROOM HOUSE, BARN 26x30, 1 1/2 miles from RAILROAD TOWN, FOR \$600, HALF CASH, BALANCE 5% INTEREST. DON'T WAIT. THESE MUST GO. WE PROTECT BUYERS. SQUARE DEALING OUR ONLY MOTTO. HALL'S FARM AGENCY, OWEGO, TIoga CO., N. Y.

LOUISIANA

DON'T be a renter; we sell finest improved corn land in North Louisiana on 15 years' time. Write HUGO JACOBSON, Salina, Kansas, immigration agent.

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is the best place for a tenant farmer that only has a little money to own a farm. Rich fertile soil—Ample rainfall.

Healthy Climate

Two crops a year—Good markets. \$10.00 to \$25.00 an acre, easy terms. No floods, mosquitoes or swamps. Write for illustrated literature. NORTH LOUISIANA REALTY & INV. CO. RUSTON, LOUISIANA.

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NO MOSQUITOES, NO MALARIA. Good water, fine alfalfa and corn land, ample rainfall. 11 railroads. 100 miles from overflow district. Iowa, Missouri, Kansas, Nebraska and Oklahoma people living here and all satisfied. Shreveport, best town in state, center of oil and gas belt, by far the best lands in the South. \$10 to \$50 an acre. Improved and unimproved. Buy your ticket to Shreveport, the key of the South. Louisiana Farm Lands Company W. A. Jones, Sec'y, Shreveport, Louisiana.

There is Lots of Louisiana Land That Will Produce Three Times Its Cost Every Year

Louisiana is in a class by itself. For rich land, big crops, low prices. It makes no difference if you are rich or poor, an owner or tenant, where you live, or what you are interested in, Louisiana offers you more opportunities, more show to get ahead, bigger returns for your work and investment, than any other section on the North American continent, barring none. We have soil here that is so rich it could be used to fertilize your northern farm. We can raise the biggest kind of crops of corn and alfalfa; fatten hogs and cattle for half the money it costs in North or Middle West, and this land can be bought from \$10.00 to \$25.00 per acre. We have issued a nice illustrated booklet with a number of fine photo engravings showing the splendid growing crops of this country. It tells FACTS in big letters about this section in a simple and a plain way. It is free to you just for the asking. Every farmer should read this book for the information undoubtedly will prove to be of great value to you; it probably will give you the opportunity of making an investment, the best you ever made in all your life. Farm for yourself; farm in Louisiana and particularly farm in Alexandria district. Sit right down now and write us a letter for full information about this most wonderful section of the country. COOK-ALEXANDER LAND CO., Alexandria, Louisiana.

BUSTED!

ROOFING LUMBER PRICES WIRE and FENCING BUILDING MATERIAL

Our Great 1913 Announcement

You can order a complete carload of material including everything you need to construct a building and we will ship it forward to you without you paying us a cent down.

No Money Down

Write Us for Our Liberal Terms

You are safe when you deal with us. Our capital stock is \$2,000,000.00 and 20 years of honest dealing has earned a place for us in the public confidence that is unquestioned.

Lumber Prices S-m-a-s-h-e-d



Yes, we mean smashed. Absolutely busted to pieces. That's our policy. We quote prices on lumber that will positively save you big money. If you will send your lumber bill we will send you a freight paid estimate that will mean a saving to you of from 30% to 50%. Every stick is absolutely first class, brand new and fully up-to-grade such as you would buy from any reputable house in the United States.

We have determined that the Fall of 1912 is going to be the Banner Year in our great lumber department. We have on hand 20,000,000 feet of high-grade lumber suitable for the construction of Buildings, no matter for what purpose intended. Come to our great yards in Chicago and let us show you this stuff actually in stock. No other concern in the world has a more complete stock of everything needed to build, whether Lumber, Shingles, Structural Iron, Plumbing, Heating, Doors or anything else that you may need. Do you know that lumber is getting scarcer and scarcer every year? Yet our prices are lowest and will continue so until our stock is gone. WRITE TODAY.

This Door at 98c

Lot MS-39. Four panel painted door, size 2 ft. 6 in. x 28 ft. 6 in. 2 1/2 inch stock. A high quality door for the price. This is only one of our many special bargains. Our grand Building Material Catalog and Bargain Sheets will show a full line of Inside Mill-work of all kinds.

Free Building Book

A 200-page Book of Bargains in Mill-work, Building Material of all kinds, including Paints, Plumbing, Heating, Structural Iron, Metal and Composition Roofing, Hardware, Carpenter's and Blacksmith's Tools, Wire Fencing. No prospective builder should be without it. It is Free.



Shingles at Big Saving

We have a special lot of 1,000,000 to 2 Common Clear Shingles Coming in, on which we are making an exceptionally low price of \$2.47. Other grades at lowest prices.

Smash Go WIRE and FENCE Prices

BARB WIRE Less Than 2c Per Rod

New galvanized, heavy weight barb wire, put up on reels about 100 lbs. to the reel. Lot 2-AD-23, per 100 lbs. \$1.95. Galvanized barb wire, light weight, first grade, best made, put up exactly 80 rods to reel, 2-point barbs. Lot 2-AD-23, per reel, \$1.40.

Wire Nails, Per Keg, \$1.50

10,000 kegs, put up 100 lbs. to the keg mixed, all kinds to other regular nails, such as made by nail factories. Lot 2-AD-33, price per keg, \$1.50. 1,000 kegs of 10 penny, weight regular new wire nails, 100 lbs. to the keg, while they last, per keg, \$1.95. Write for our free Wire and Fence Catalog. Gives valuable information to any land owner. Fill in the coupon below.



Smooth Galvanized Wire Per 100 Lbs. \$1.25

It is suitable for fences, stay wires, grape vines or for any ordinary purpose where wire is used. This galvanized wire is irregular in length—it ranges anywhere from 50 to 250 ft. \$1.25 is our price for No. 6 gauge. Other sizes in proportion.

15c Per Rod Buys Best Hog Fencing

Here is another one of our remarkable bargains. A high grade, strictly perfect fence, made of No. 9, 11 and 12 wires, perfectly adapted for hogs and general farm purposes, 26 in. high square mesh, put up in suitable size rolls. Lot 2-AD-31, price per rod 15c. Other heights in proportion. Staples, 100 lbs. \$1.75.

BEST QUALITY READY MIXED PAINT

Our paint department is under the personal supervision of Mr. V. J. Michaelson, for 30 years the foremost paint man in America. His picture has appeared on over 8,000,000 cans, and his name is known from ocean to ocean. Paint of quality is his specialty. Every gallon has our strongest guarantee. Our Ready Mixed, Gray Paint at 6c a gallon will outlast any similar paint produced. If you want quality paint, write us or write to Mr. Michaelson, Icyon, Icyon. Finest, most valuable paint book ever published sent FREE. Send coupon.

Fill in This Coupon

CHICAGO HOUSE WRECKING CO., Dept. AG 57, Chicago. Send me free of cost the following catalogs, (Place an X mark in square opposite the catalogs you desire)
[] Catalog of 500 Bargains [] Building Material
[] Plan Book of Houses & Barns [] Roofing, Siding and Ceiling
[] Wire and Fencing [] Plumbing & Heating [] Paint
My Name is.....
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County..... State.....
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You can buy a carload of Building Material from us without paying us one cent in advance. All we want to know is that the money will be paid us as soon as the material is received, unloaded and checked up. Our terms are more liberal than anyone else offers.

EXPLANATION

Why We Are Called the "Price Wreckers"

CONSIDER what becomes of the stock of goods when a manufacturer, jobber or retail merchant goes bankrupt, or "busted," as the saying goes. In the year 1911 ten thousand merchants met with financial distress—that's why the Chicago House Wrecking Co. exists. If the stocks offered are sufficiently large, if the goods are new, clean and desirable, they find their way naturally to our 40 acre plant for distribution, at a small added profit to our hundreds of thousands of customers, who, in this way get wonderful bargains.

In many cases our prices do not represent the original cost of production. There is not another concern on earth that can meet our prices, simply because no other concern has the buying and economical distributing facilities which we enjoy. It is only natural therefore, that we have become known as "Price Wreckers."

Where Your Dollar Does Double Duty

Every time you buy from us, your dollar takes on an increased purchasing power. We are the safety valve between the public and high prices. We recognize no Trusts or Associations—our methods are along original and unique lines. We are not plodders—we are merchants in the fullest meaning of the word, and the wise public have not been slow in realizing our position in the world.

Our great plant at 35th and Iron Sts. is a Mecca for the people of Chicago and surrounding country. Thousands of visitors from every part of the country make a yearly pilgrimage to our institution, and buy their yearly supplies. Are you getting all the benefit that you should from this excellent opportunity? We urge you to learn more about the wonders of our plant, and the opportunities that we afford when you deal with us. You get full value for your money. There is nothing fanciful about our methods—we are just straight, clean business men.

WE SELL PRACTICALLY EVERYTHING

Our stock includes practically "everything under the sun". It's in truth, from a needle to a locomotive. No matter what your vocation, or what position in life you occupy, or what your business, or how great a merchant you are, you have use for us, and we have the goods that you can buy from us to a decided advantage. The quicker you learn to recognize this fact, the sooner you will be "putting money in your pocket."

Our stock includes Building Material, Lumber, Roofing, Sash, Doors, Millwork, Wire and Fencing, Hardware, Plumbing Material, Heating Apparatus and Supplies, Furniture, Household Goods, Rugs, Stoves and everything needed to furnish or equip your home, your club or hotel. It includes Groceries, Clothing, Dry Goods, Boots and Shoes, Furnishing Goods, and every single article to clothe a man, woman or child. It includes Sporting Goods, Fishing Tackle, Hunting Outfits, Tents, Guns, Harness and Vehicles, Sewing Machines, Clocks, also structural iron needed in the construction of buildings, bridges, etc. Machinery, gasoline, gas and electric power outfits. In fact you cannot think of a single manufactured article that we cannot supply you at a saving in price. Let us convince you—it means but little effort on your part to prove the truth of all we say. Write us to-day for our Catalogue and literature. Fill in the coupon shown below.

SPECIAL SALE

Freight Paid Prices

Send Us Today Your Complete List of Lumber and Building Materials for Our FREIGHT PAID PRICES.

\$8.50 for a High-Grade, Sanitary, Complete Closet

Syphon acting, vitreous body, hardwood seat and cover. Low down, latest style, copper lined tank. Outfit is Lot 5-AD-105.

\$13 Buys Complete BATHTUB

This is a white enameled, cast iron, one-piece, heavy roll rim bathtub; fitted with the latest style nickel-plated trimmings, including Fuller double bath cocks for hot and cold water, nickel-plated, connected waste and overflow, and nickel-plated supply pipes. It is 6 ft. long and is good enough to answer the needs of any man. Lot 5-AD-101.

1 1/2 H.P. Gasoline Engine \$24.75

The lightest, strongest and most compact Gasoline Engine ever produced. Thirty days' free trial. It is 4-cycle, self-contained, horizontal, hopper cooled; on heavy wood skids, with battery box, ship-pod complete, wt. 250 lbs. Has automatic governor. Easy to start. Send for Special Gasoline Engine Catalog.

Hot Water Heating Plants

We are headquarters for steam, hot water and warm air heating plants of all kinds, for new or old homes. It is easy to install one of these plants in your home. For this great Fall Sale of ours we are offering a warm air heating plant large enough for the ordinary 5 room house, with all necessary plans and complete instructions for installing, for \$45.00.

Wire Nails, Per Keg, \$1.50

10,000 kegs put up 100 lbs. to the keg mixed, all kinds, regular, such as made by factories. Lot 2-AD-33, per keg, \$1.50. 1,000 kegs of 10 penny, regular new wire nails, 100 lbs. to the keg, per keg, \$2, while they last.

Iron Pipe and Fittings

Good iron pipe in random lengths complete with couplings, suitable for gas, oil, water and conveyance of all liquids; size 3-8 to 12 inches; our price on 1-in. per foot \$2; 1 1/4 inch at 40 per foot. Complete stock of valves and fittings. Send us your specifications.

50,000 Bargain Catalog FREE

Greatest of all bargain books is our Great Wonderful "Price Wrecker". It is a book of 1000 pages, with wonderful illustrations, and with clear, frank statements explaining exactly the nature of the goods we have for sale, and quotes them at the lowest possible prices. It is a book of real merchandise truths—tells you the facts so plainly that you cannot misunderstand us.

Our business is founded on truth and virtue. We want satisfied customers—we don't want any day in our business, we treat everyone as though he or she were the only customer on our books; and that is the only way to get the very best in our best and truest factor. If you have not a copy in your possession, you are not understanding fully how to buy goods. It will make you wise to prices that ought to prevail, and if you haven't a copy, then it is time for you to get busy, and write us to-day to send you this wonderful Catalog of ours. Fill in the coupon.

Rugs at 75c

We bought at New York Auction an enormous stock of high grade, brand new rugs and floor coverings. 75c buys Axminster Rugs of Extra grade. This is a sample of our money-saving bargains. Write for our complete Free Rug Catalog, showing actual colors and designs.

FURNITURE

We are the World's Bargain Headquarters for the outfitting of your home, club, hotel, etc. to the finest. An assortment of Household Goods and everything such as will be found in any other institution in the land. Write for free copy of our Furniture and Household Goods Catalog.

\$725 Buys the Material to Build This House

This is Our House No. 6A. A beautiful up-to-date full 2 story 7 rooms and bath, home. Has been sold over 400 times. Copied and imitated all over the U. S., but our price and quality cannot be equaled. The price is easily 25% to 50% below local dealer's prices. Immediate shipment right from our Chicago stocks, where you can come and see it loaded. NO MONEY DOWN. \$2.00 buys perfect Blue Print Plans, complete specifications and detailed descriptive material list, with a refund of \$1.00 if you do not like them.



ORIGINAL METHODS

We are the originators of a system of selling practically complete Houses direct to the consumer, at a great saving. We eliminate all in-between profits. We sell and ship direct to you from our own stocks.

Great care and study has been given all our Plans. Economy is the watch-word both in materials and construction.

No Worry No Loss

No Waste

Our Binding Guarantee both as to quality and quantity goes with every sale. Write us for letters from people in your vicinity who have bought from us. We have thousands of unsolicited testimonials.

Our House No. 6A. Special Information

If you intend building, you will lose money if you don't write us at once. Tell us what you want. We will answer you promptly and give you valuable information regarding building. Send rough pencil sketch showing the kind of house you want. We will make you a freight paid price that will save you big money on material necessary to build same. Every stick first class, and you intend to make improvements, write us what they are, and we will help you to save money on your purchases.

Our FREE Book of Plans

Our Book of Plans contains 100 Designs of different kinds of buildings. Everything from a 2 room Portable House for a 20 room residence. Houses are completely illustrated showing the floor plans, plumbing, heating, paint, etc. And it's free.

Smash Go ROOFING PRICES

Galvanized Steel Roofing is Fire, Water and Lightning Proof

We bought 20,000 squares of this Corrugated Iron Roofing which we offer at this remarkably low price. It is new, perfect, and first-class, but light weight. The sheets are 22 1/2 in. x 14 in., corrugated. Our price of \$1.25 per sq. ft. is f.o.b. cars Chicago. When ordering this item, specify Lot No. AD-100. This is not galvanized, but blacksteel roofing.

\$1.25 per 100 sq. ft. buys best steel roofing

Write us today for our special FREIGHT PREPAID PRICES on new, galvanized roofing. We are offering prices lower than ever before offered in the roofing business. Galvanized roofing at \$2.00 per square and up. Ask for free samples.

62 CENTS PER 108 SQUARE FEET BUYS BEST RUBBER SURFACED "AJAX" ROOFING

Here again we show the lowest price ever known for roofing of quality. This smooth surfaced roofing we are offering is our one-ply "AJAX" brand, and the price includes necessary cement and caps to lay it; this price is f.o.b. Chicago; at 75c per square, we pay the freight in full to any point East of Kansas and Nebraska and North of the Ohio River. Prices to other points on application.

Roofing is guaranteed to wear as long and give as good service as any Ready Rubber Surfaced Roofing on the market. It is put up in rolls of 108 square feet, and contains 3 to 4 pieces to the roll. We have other grades of Ready Roofing, which we offer at prices easily 30 per cent below regular quotations. Write to-day for free samples and Roofing Catalog. Fill in the coupon.

