

The FARMERS MAIL AND BREEZE

High Yields from Truck Crops

By F. B. NICHOLS, Associate Editor

A GOOD return is being obtained from a farm of 15 acres owned by William Robbins of Cimarron. This place is an encouraging example of the big profit which can be produced by truck farming in the Arkansas River Valley. The crops are all grown under irrigation; the water is supplied by pumping the underflow. Much of the produce is sold at Dodge City. Mr. Robbins has been growing truck on this place for 10 years, and he has demonstrated that it is a sure and profitable type of farming for that section.

The cropping system has been worked out with a careful regard for the demand. Most of the truck crops that do well in Gray county are grown. The largest acreage is planted to Sweet potatoes; 6 acres of this crop was grown in 1916, and this is about an average planting. Other crops included 2 acres of tomatoes, 1½ acres of cantaloupes, 1 acre of cabbage, ¼ acre of onions, ½ acre of asparagus, ½ acre of rhubarb, ¼ acre of radishes, ¼ acre of parsnips, and smaller plantings of other crops. The acreage will vary a little from year to year, in response to the market demands.

It was realized from the first that it would be necessary to produce high yields and also to get excellent quality if the most profit was to be made. Good vegetables cannot be grown unless the soil conditions are favorable, so an effort was made to improve the land from the start. The farm is composed of a deep, sandy loam fairly well supplied with the mineral elements of plant food. There was a little outcropping of alkali—which is so often found in the Arkansas Valley, especially along the south bank—but trouble from this source has almost disappeared with the use of manure. A vast amount of manure has been added to this soil in the last 10 years. The farm is but 1½ miles from Cimarron, and it has been possible to obtain the manure there. At least some manure is applied to every square foot of the farm every year; this will average about 25 loads an acre. In some cases heavier applications have been made. More than 80 loads were applied one year, to one section that contained considerable alkali and which was to be used for parsnips. It is interesting to note that no harm came from this heavy application; it is probable that this was prevented by the sandy nature of the soil and the abundance of water from the pump.

This pump makes it possible to place the farming on almost as definite a basis of pro-

duction as in a factory. The rule is to use a large amount of water; a good irrigation is given every week or 10 days during the summer. It is necessary to lift the water about 12 feet—this is the total draw down after the pump is started. This is a No. 3 Goulds pump, which is connected to an 8 horsepower engine, and with that lift and power it will deliver about 400 gallons a minute. The pump is placed at the highest part of the farm, and the main ditch runs from the pump down one side of the place. The water is taken thru the rows. There is but little flooding.

A considerable variation has been noticed in the water requirements of the truck crops. The rule is to give the crops all the water needed. A crop like Sweet potatoes does not have nearly so great a requirement for water as parsnips and beets, for example, under the conditions in Gray county.

After irrigation the rule is to cultivate the land as soon as it gets dry. This requires a vast amount of work. All the planting is done with the idea of using as much horse labor as possible—all crops are grown in rows. Even with the most efficient possible use of horse labor a great deal of hand work is needed and this is given, as it is appreciated that it pays well to make the conditions as nearly ideal for the truck crops as possible. The profits in this business depend largely on the growing of produce that has excellent quality—food products that the buyers want. High quality is not possible, unless the growing conditions are favorable.

Some immense crops have been produced. Yields of Sweet potatoes have run as high as 500 bushels an acre. Parsnips have averaged 600 bushels an acre. An income of more than \$4 a day was obtained for several weeks last spring from 25 rows of asparagus 14 rods long. With some crops, such as with parsnips, it is not possible to force the crop for the largest yields, as this will reduce the quality. The big demand for the markets to which Mr. Robbins sells seems to be for a parsnip about 10 inches long.

But little trouble has been encountered with insect or fungous pests. There has been some little damage from aphids and from plant lice; sprays have been used to control them. It is possible that freedom from troubles of this sort is due to the fact that there are no other truck farms in that section—with the growth of truck farming in the Arkansas Valley,

which is certain to come, it is possible that more loss will be encountered.

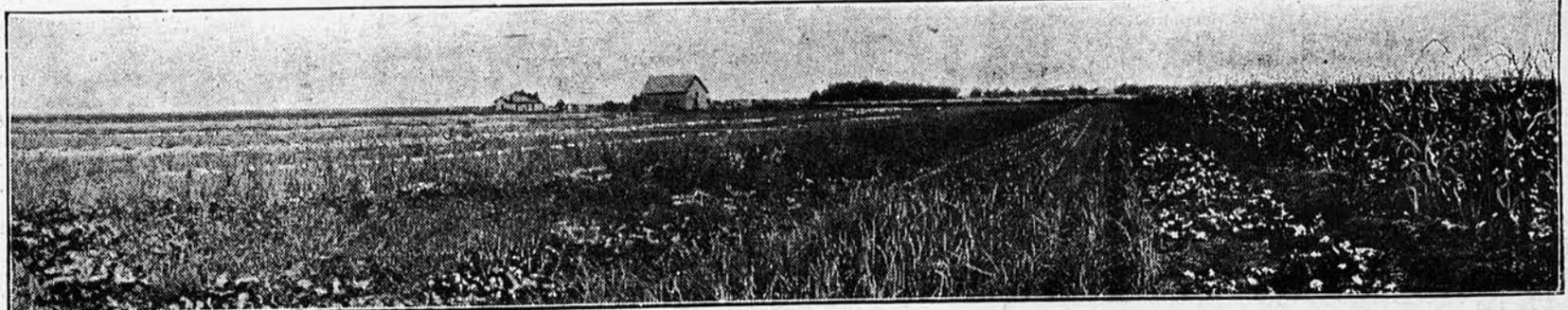
The labor of five persons is required on this place for about four months of the year. Two additional hands then are used for about two months during the fall, when a large part of the marketing is being done. Some of these hands are women and boys, as they frequently are as efficient in work of this kind as mature men, and men are sometimes hard to get.

For a while during the fall it is necessary to run two teams in making the deliveries—sometimes one is enough. As a rule the prices are good, and excellent profits have been made from the place in the last few years. A big advantage, too, is that the profits are sure. While the yields of the individual crops will vary from year to year, the use of the pump makes it always possible to produce something.

"This is a very satisfactory type of farming," said Mr. Robbins recently to a visitor. "It is interesting, profitable and sure. I believe that with the development of irrigation in the Arkansas Valley there will be a great increase in the growing of truck crops. A high type of truck farming can be developed in this section if the water is available. This has been well demonstrated farther up the valley, around Rocky Ford for example, where plenty of water is supplied and where the farmers have had more experience in developing an intensive type of farming. Gray county has many advantages over Rocky Ford in truck farming. We have a longer growing season, and can get crops on the market ahead of the men high up in the valley. The haul to markets is shorter, and the freight rate is less. Land here is cheap as compared to the price in leading truck sections. All of these things make it possible to develop truck farming in this valley rapidly."

"The success which Mr. Robbins has obtained with his truck farming is a mighty encouraging thing," said Lee H. Gould, district demonstration agent for Southwestern Kansas, recently. "It shows what can be done in this valley with the proper combination of this excellent soil, water, labor and the right crops."

There are many thousands of acres from Dodge City to Garden City where the conditions are just as favorable for a profitable type of truck farming. This is a development that is certain to come, too, just as soon as the chance is appreciated properly. The work on the Robbins farm, by showing this, has had a mighty high value in the agriculture of Kansas.



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Passing Comment--By T. A. McNeal

National Bankruptcy?

According to the financial writer of the Chicago Tribune the public bonded war debts of the European nations engaged in the present conflict amount to 75 billion dollars, while the daily bill of expense is estimated at 103 million dollars. That is at the rate of nearly 4 1/2 million dollars every hour, \$7,500 every minute and \$1,250 every second! If the war lasts another 12 months, as now seems probable, the combined debt of these nations will amount to about 110 billion dollars, a sum so huge that the human mind is utterly incapable of grasping its significance. To pay the interest on this inconceivable debt, with the ordinary running expenses of the general governments will absorb one-fifth of the total estimated income of all the people. In addition to this will be the expenses of the various local governments and the payment of special pensions. How much more of the income will be required to satisfy the demands of the army of tax-gatherers is uncertain, but it is, perhaps, conservative to say that if the warring nations do actually pay the interest on their debts and maintain their local and general governments, they must sacrifice at least one-third of their entire incomes.

Think of the man with the ordinary workman's income, in Europe less than \$300 a year, having to give up \$100 for taxes!

I do not believe that any government on earth can continue to levy that much tax and live. The alternative however is national bankruptcy, or in lieu of that there must be a radical paring down of the principal of the debt.

It would require two-thirds of all the gold known to be in existence to pay the annual interest on the probable public debt of the European warring nations at the end of this war. I look for a paring down, a partial repudiation.

Can that be done without shaking the entire financial edifice of the commercial world? I do not believe so. The gold standard necessarily will have to be abandoned, I believe.

A Business Opening

In a previous issue I made some remarks favorable to cremation. Here, in my opinion, is the finest possible opening for a business venture in Topeka. It may be that staying around a sanitarium where there are several hundred persons who are, or at least think they are loaded up with an aggregation of bodily afflictions, has caused my mind to dwell on the subject of disposing of the body after death more than I otherwise should. I am impressed with two things: One is the enormous cost of living, and the other is the enormous cost of dying. It has come to the point where a person cannot die and be buried with any sort of respectability for less than \$500, and the method of disposing of the body is not only expensive, but to my mind insanitary and repulsive.

How much more pleasant it is to think of the elements which compose our bodies being dissolved by purifying fires and mingled with the pure air of heaven, than to think of the slow process of disintegration. We try to avoid this by embalming but that only delays the action of the forces of nature. And even if our embalmers understood the art as did the ancient Egyptians, what comfort would there be in imagining your body as a mummy?

Have you ever looked at a mummy? I have. I once gazed on what was said to be the remains of old Rameses III. Ram, you may remember, was the person who made it so uncomfortable for the children of Israel, and who in turn was made uncomfortable by Moses, who didn't do a thing to him until he finally consented to let the Israelites go free.

Rameses, no doubt, made a mistake in the way he handled that Israelitish problem but he is acknowledged to have been a great man just the same. There is, however, nothing awe-inspiring about his mummified remains. Wrapped about with mummy cloth and filled with embalming fluid, the body of Rameses has lasted for 4,000 years, but so far as appearances go it might as well be the body of any other Egyptian. I should hate to think that 4,000 years from now curious and unsympathetic eyes might gaze on my remains and make unfeeling and ribald remarks about the shape and complexion of my mug.

I said in the previous article that there should be a municipal cremation plant. I am still of that

opinion, but because of the fact that we progress so slowly I know that cremation must begin as a private enterprise.

And there is, from the purely sordid viewpoint, a chance to make money. I have talked to a good many persons on this matter and have the first sensible, well-informed person to meet who does not wish to be cremated if there were an opportunity. I do not mean that they are eager to die in order to be cremated, but in view of the fact that they must sooner or later pass over, they would prefer to have their bodies burned. I shall venture the assertion that if there was a well-conducted crematory in Topeka it would soon dispose of more dead than all the undertakers combined. I do not know how much capital would be required to equip a first class crematory. I am satisfied that there is a coffin trust in the country and also that it is one of the most greedy and cold-blooded in the nation. The men concerned in it have a tremendous advantage. People are not likely to haggle over prices at the edge of the grave. They are not in a frame of mind to give attention to matters of cold business. They do not want to create the impression that they are not willing to give their dead decent burial and so they throw themselves on the mercy of the undertaker who probably is himself the victim of the trust, and compelled to pay exorbitant prices for the caskets he uses. However, that may be the living are held up to the extent of their financial ability to provide graves, coffins and other accompaniments for the interment of the departed. Even if the cost of disposing of the bodies of the dead was not decreased by cremation I still should be strongly in favor of it for sanitary reasons.

If He Had Lent It

At one of the tables at the Battle Creek Sanatorium where the invalids and guests daily fill their interiors with shredded hay, denatured bran and imitation coffee that doesn't imitate, sits a Detroit man who tells me the following story about Henry Ford. It is not many years ago since Henry wasn't the multimillionaire he is at present. In fact he was hard up and a few dollars loomed large to him. He had borrowed from a Detroit man \$1,800 to start in business. When the note fell due Henry went to the holder of it and said that he must have \$400 more. The creditor objected to increasing the loan and said that on the contrary he wanted the \$1,800. Henry was apparently situated between his satanic majesty and the deep blue sea without oars or boat. Fortunately, however, he found two lawyers who, for a wonder had saved some money, and they were willing to take a chance on Henry. Of course they were not financiers. If they had been they wouldn't have taken the chance. They just somehow had faith that Henry was the sort of a man who would pull out and pay out. So they scraped together what they could spare and let Henry have enough to pay his \$1,800 note and have a surplus of \$2,200. They took stock in his little factory for their money. That was only 15 or 16 years ago. Today those confiding men who, so to speak, placed a bet of \$4,000 on Henry Ford are drawing dividends on their Ford stock to the tune of half a million dollars a year!

Now the question is: Were these men just fools for luck or were they wise men who foresaw the future success of the automobile manufacturer?

If Henry had failed of course the world, or that part of it which knew of their venture, would have called them fools, but as Henry has succeeded beyond his own wildest dreams they will be reckoned as men of extraordinary acumen and ability to judge men.

This world is largely a gamble. Fools often succeed where wise men fail. There are even those who insist that Henry Ford himself is the beneficiary of luck rather than genius. My own opinion is that in his case it was genius and luck hitched up together, which makes a strong team.

A Hopeful Indication

The most hopeful indication of a return of sanity to the world is the recent interview of the German Chancellor, Von Bethman-Holwegg who declares that Germany will be ready to join a world federation to enforce peace as soon as the present war is over. There is one condition he appends and that is that Great Britain shall not be permitted to dominate the federation or insist that it be permitted to rule the seas. Of course just at present Germany has a spec-

ial hatred for England and England entertains a similar feeling toward Germany, but when the nations have fought to exhaustion it occurs to me that all of them will be ready to listen to some ordinary horse sense.

Great Britain has heretofore been the greatest sea power of the world, and under existing idiotic world conditions there was reason why it should be. Its prosperity depends almost wholly on its foreign trade. If all foreign trade were cut off from England that country would be on the verge of starvation and bankruptcy within six months. Of course so long as the idea possessed the nations that they must all be armed to the teeth the English felt that they must have a tremendous navy to protect their commerce.

Under an international agreement to preserve the peace all nations should strip their navies to sufficient vessels to protect their shores from smugglers, and to perform coast police duty. The submarine should be banished entirely; no nation should be permitted to build submarines. Freed from the possibility of attack on its commerce there would be no more reason for a navy for Great Britain than for any other nation. There should be less difficulty, indeed, about fixing the size of the international navy than of the army. If the great nations of the world will in good faith enter into an agreement to preserve the peace of the world, none of them should have an army larger than might be necessary for internal police protection. With each nation maintaining a vast standing army I do not think the peace compact will be of any more value than were the resolutions passed by the Hague congress.

Practical disarmament is essential to a successful peace pact between the nations. Instead of universal military training there should be no military training except for the men who compose the units of the international police force. That force should be made up of highly efficient, well-drilled and well-paid men who would make the business of international policemen their life work. If the big nations agree to this plan there will be no trouble with the small nations. They would all be more than delighted to be relieved of the constant fear they now have that some big nation may find one of them in the way of its progress and proceed to wipe it off the map. Universal disarmament, or disarmament down to the basis of a police force for police duty only, is the hope of the small nations, and their only guaranty of safety.

Michigan Lakes

The one thing that the Kansas man envies Michigan for is the multitude of small lakes. I have no doubt that there are a thousand lakes scattered about over the state of Michigan, varying in size from a quarter of a mile wide and half a mile long to several miles long and perhaps a mile or two across. Michigan has a lot more of these lakes than it needs, while Kansas lacks a lot of having as many as it needs. Some of these little lakes are of surpassing beauty, set like crystal gems surrounded by low, wooded bluffs.

When I came here the leaves were just putting on their most gorgeous and variegated colors, russet, golden and bronze. I have never seen the lakes of Killarney or those which nestle among the Scottish hills but I have seen lakes in Michigan which remind me of the pictures of these.

There are some things that man cannot do so well as nature. One is to make a woods and the other is to make a lake. You can dam up water until you have as much of it as there is in one of these lakes, but it looks like a pond, not a lake. There is something stiff and artificial about it. It is the same way with a planted grove. The trees may grow tall and they may be more perfect trees than those which grow where nature planted them, but the artificial grove is always stiff and lacking in the charm which goes with the native wood.

Kansas prairies are beautiful in the spring and early summer. Kansas lands are vastly richer on the average than the lands I have seen in Michigan, but it would be bully, if we could have the lakes with their pellucid waters filled with fish.

The settlers in Western Kansas who had come from such states as Michigan and Wisconsin longed most for the woods and the lakes, and grew homesick for them.

But what's the use of complaining? Why should the Kansas resident want everything? If he had the

lakes of Michigan he probably would have to take with it the thin soil, the sandy stretches which scarcely produce even good grass. Still I wish a few of these lakes could be transplanted out there in Kansas.

State School Books

An effort is to be made this winter to cripple the state publication of school books. So far as it has had an opportunity to be tried out the state publication of school books has been such a success that it seems remarkable that there should be any sentiment in Kansas to repeal the law. In my opinion there is no such sentiment among the people who have to buy the books. The book publishing houses are doing all in their power to create such a sentiment and they are aided by a few teachers, some of them for money reasons and some because they have never fairly investigated the subject. But unless I am greatly deceived in regard to the sentiment of the Kansas people generally, there is no more chance to repeal the state publication law or even limit its operations to certain classes of books than there is to resubmit the Prohibitory amendment to the Constitution.

Some of the book publishing houses, by the way, have pursued largely the same tactics in opposing state publication as the brewers and distillers have used in opposing the spread of prohibition. They have lied systematically and shamelessly. They have done everything in their power to hinder the successful operation of the law, and they are stupidly going on repeating their falsehoods. Now this is perhaps not applicable to all book publishing houses. In fact it is only fair to say that a few of these concerns have taken a sensible and liberal view of the situation and shown a disposition to cooperate with Kansas in trying to make the law a success; but this cannot be said of the leading book publishing houses.

Not only have these refused to deal with the state on any fair royalty basis but they have tried to exercise all the pressure possible on all other school book publishing houses to prevent them from dealing with the text book commission. They have tried also by every means, fair and foul, to win teachers of the state over to opposition to the law. If they confined themselves to fair means I should see no objections, but they have resorted to unfair means. I am satisfied that they would not hesitate to use any form of corruption to attain their ends.

But they will fail. I have not the slightest doubt about that. State publication has come to stay and all the forces of hell and the school book publishers cannot prevail against it.

Single Tax and Poverty

The following card comes from D. W. Riley of Miami, Florida: Tell your farmers something about the single tax, so that the tenant farmers may learn how they can own their farms. The "Rural Credit" will raise farm values and do them more harm than good.

It is quite probable that I do not have a thorough understanding of the single tax theory, but I had supposed that the very basis of Henry George's theory was that private ownership of land was wrong, both economically and ethically, and that it was the duty of government thru its taxing power to abolish private ownership and so return to the public the right of which it had been unjustly deprived. If this is correct I fail to see how the single tax would enable the renter to own his farm. Possibly it would be to his advantage to pay a rental to the government instead of to a private individual, but unless I have misunderstood the writings of Henry George, it would not enable him to obtain title to land.

Mr. Riley asserts two things: That the Farm Loan Act will raise the price of land and therefore do the tenant more harm than good, and that the single tax will abolish poverty. Of course it is impossible to say yet what the effect of the Farm Loan Act will be for the reason that it is not yet in operation. My opinion is that it will have very little effect on land prices, but in this I may be mistaken. Neither do I believe that it will benefit the renter. The purpose of the act is to benefit the resident landowner. The Federal Land Banks and their auxiliaries, the farmers' loan associations, are organized for the benefit of men who actually live upon and till their land. The Federal Land Banks are forbidden to make loans to landowners who do not live on their lands, so I can scarcely see how either renters or landowners can be benefited or the price of lands be increased materially if increased at all.

As to the single tax abolishing poverty, I have heard that sweeping declaration made a good many times by enthusiastic single taxers. Now the single tax is in operation in some places but I have never understood that poverty has been abolished in those localities. There is a policy which may be termed a modification of the single tax theory, in which I heartily believe. I would impose a vastly heavier tax proportionately on land that is held for speculation and unimproved, than should be imposed on lands which are being tilled and improved. I would also impose a heavier tax on the nonresident landowner than on the man who is actually residing upon and tilling his own land. In short I would, by discriminating taxation, make it unprofitable to own land for speculative purposes and prevent accumulating wealth by increase of values which are wholly the result of the labor and investments of others.

I do not believe, however, that all taxes should be placed on lands. I have never been able to see the justice of that or how it could work out for the

public good. It has never seemed fair or sensible to me to exempt the man from taxation who has invested his capital, we will say, in stocks and bonds and lay the entire public burden on the land. I have heard it argued that under single tax the cost of manufacturing and other enterprises would be lessened to the extent of the tax and the ultimate consumer would receive the benefit in lower prices for what he had to pay. That may be true but I do not believe it. The tendency of manufacturers will be to concentrate more and more, and as the control of manufactured products becomes more concentrated the control of prices by the monopoly will become more complete and the prices will not be lowered.

It is, in my opinion, idle to say that any one theory if enacted into law and put into operation, will abolish poverty. There are enthusiastic prohibitionists who will argue that the prohibition of the manufacture and sale of intoxicating liquor will abolish poverty, but we know that poverty does exist where prohibition is in operation and successfully enforced. There are several things necessary to the abolishment of poverty and they must all work together before it will finally vanish. There must be universal education, not merely the knowledge of books but the education which will fully develop the physical, mental and moral powers of men and women and make them efficient and able to do well something the world needs to have done. There must be an abolition of special privilege so that in the race of life the strong will not, as now, have the advantage over the weak. On the contrary an economic system must be devised that will place the heavier burdens on the strong, and place on the backs of the weak only such burdens as they are able to bear without difficulty.

There must be a transportation system operated on exactly the opposite theory to that on which our present transportation system is operated. There must be a system under which there will be no such thing as enforced idleness for any person able to work. There must be a system devised under which every person willing to work can be certain of employment all the time, and that at good living wages, sufficient to support the worker and those legitimately dependent on him, in comfort. I do not believe for a moment that single tax alone will ever bring about this desirable condition.

Benefits from War

It is difficult to imagine any benefit that can come from so horrible a thing as war and yet if reports from the European capitals are to be believed, war may be teaching a sort of democracy that scarcely could come any other way. Generally the rich expect to escape the suffering of war. The poor are expected to do the suffering and the rich expect to reap the profits. That was so in our own war of the Rebellion. Very few of the rich actually went to the front. Even when the government had to resort to a draft to fill the depleted ranks, a provision was made that on the payment of a certain sum of money the drafted man would be excused from service and so the people with enough money to pay for exemption rarely saw service.

Also the rich were favored pecuniarily. When the credit of the nation was running low and it was necessary to resort to government notes with which to pay bills the men who were doing the fighting and the suffering were paid in these notes which had a purchasing power sometimes as low as one-third the purchasing power of a gold dollar. But no serious effort ever was made by financiers to make up to these men in the ranks the difference between the nominal value of their pay and its actual purchasing value. However, the men who bought the government bonds saw to it that the bonds they had paid for with these same depreciated government notes, were redeemed in gold.

It has almost always been so. The people who suffer least generally demand and receive the most. I have no doubt this is true to a large extent even yet in Europe, but the strain there seems to have become so great that even the soft-handed aristocracy is being compelled to do at least a part of its share. That seems to be true in both Germany and England and is no doubt true to an extent in the other countries involved.

There is a deal of talk about a social readjustment after the war is over. Of course it may not come to much but a good deal of thinking is going on. The men who have suffered in the hell of the trenches have received a hard but rather enlightening education. A great many of them are asking why, if they must be called on to endure so much agony and suffering in order that their respective governments may live, should they not have a larger share of the benefits their governments have to bestow after the war is over.

Must they go back from the blood and pain and indescribable horrors they have experienced, to a life of monotonous toil and poverty such as they led before the war began? If so what has all the hardship and suffering availed them?

This war also has forced certain economies to make up for the terrible waste, and this has demonstrated that if there were no waste it would be quite possible to produce even in Europe with its crowded population, enough to keep all the inhabitants in comfort, if not in luxury.

So it appears now that there may be two results of the war that will be beneficial. First, there may be a leveling up in society. The rich aristocracy will have to give up more, and the common herd will get more. Second, a good deal of waste may be stopped and production vastly increased. In

England, for example, there is talk of turning the vast pleasure parks of the rich into farming land in order that the people may have more and cheaper food. In Germany the government, driven by hard necessity, is seeing to it that all the land available is made to produce to its limit, and also that the best methods of cooking the food are adopted.

Possibly as a result of this war the great truth will become generally recognized that poverty of the masses is after all a very extravagant thing. The poor are very often extravagant, not intentionally so but because they are forced to be extravagant by conditions. Old Solomon recognized this economic truth 3,000 years ago when he declared that "the destruction of the poor is their poverty."

The poor pay the most exorbitant prices for what they are compelled to have. They buy fuel in small quantities and at a rate much higher than they would be compelled to pay if they were able to buy in large quantities. They are compelled to buy the poorest of material for their garments, and the margin of profit they have to pay is much larger than the margin on really good articles of clothing. All along the line the poor are compelled to extravagance by reason of their poverty. In other words the greatest burden, comparatively speaking, is laid on those least able to bear it.

The German government is trying methodically and efficiently to remedy this economic wrong, not out of greater sympathy for the poor perhaps but because of the stress of war. Germany is shut off from the outside world and therefore compelled to rely on its own resources. Prior to the war the outside world supplied Germany with a large amount of what its people consumed and the allies relied on this fact to cut a large figure in subduing Germany. They believed that without outside food supplies the central powers would soon be hungry. Necessity has forced an increased production that would not have been deemed possible before the war.

So it may be that two good results will come from this saturnalia of slaughter; the equalizing of opportunity and a vastly more efficient and just system of production and distribution.

War and the Mind

There are a considerable number of Canadians up here at Battle Creek, at least one of them being a member of the Canadian parliament. I have talked with a few and have talked with others who have talked with still other Canadians, so that I am able to form some judgment of the present Canadian state of mind. The first thing that impresses me is the devoted loyalty of these Canadians to the mother country. Just why this is so is a trifle difficult to understand. So far as I know Canada is under no great debt of gratitude to England. The provinces of Canada have been permitted to take care of themselves, which by the way they are fully competent to do. They have paid their own way and they have governed themselves.

About all England does for Canada is to send over some member of the royal family who has no other respectable job to occupy his time and to whom the high sounding but empty title of governor general is given. His job is entirely ornamental. He does not pretend to govern, which is wise on his part for he certainly would get into trouble if he should undertake to live up to his title, and try to run things in the provinces.

For anything I can see Canada would have been fully as well off as an independent government, which I wish it were. The second thing that impresses me is the view these Canadians seem to hold toward the United States in regard to the war. They seem to believe that it is our duty to take a hand in the fight over the water. They really seem to believe that we should have declared war on Germany right at the start on general principles. They do not think we should have waited for any specific act of insult or injury on the part of Germany, but just jumped in and taken a hand in the fight.

It is useless to argue with them. One of the evils of war is that it renders those concerned in it, at any rate those directly concerned, incapable of reasoning calmly and logically on anything pertaining to the war. It breeds a spirit of hatred and intolerance which prevents clear and fair reasoning. Neither is this state of mind to be wondered at. If your near and dear relatives were on the firing line, if some of them had already been killed and others in deadly and daily peril, in all probability you would not be capable of taking a sane and fair view of the situation. You would no doubt feel that everybody ought to be sympathetic with you and willing to take a hand in the fight to help you and yours.

Canada has suffered a great deal in this war. The various provinces have raised or will raise an army of half a million men. Perhaps half that number have already been sent across the water to take an active part in the fighting in France. These Canadian troops have been among the very best among the allied forces, and they have suffered terrible losses. Some of the Canadian regiments have been wiped almost out of existence. The number of Canadian families mourning for lost relatives is very large, and getting larger all the time. It is not to be wondered at that they cannot take a calm and reasonable view of the situation.

To have plunged our nation into this war would seem to the vast majority of the people of the United States to be an act of not only the sheerest folly but a crime; but our viewpoint and that of the Canadians is vastly different.

FARM-WEAR SHOES for FARM WEAR

"BETTER LOOKS AND MORE MILEAGE"

Question: "What rots shoe leather?"
 Answer: "Uric Acid."
 Q: "What causes Uric Acid?"
 A: "Sweaty feet and barnyard service."
 But Uric Acid can't harm Farm-Wear Shoes because the leather is double tanned. This makes the shoes wear twice as long as ordinary shoes. Also Farm-Wear Shoes are made especially for farm service. They are better looking and better fitting than other work shoes. Farm-Wear Shoes for men and boys, 6 in., 8 in., 12 in. and 16 in. high, will settle your shoe problem for all time.



Write and learn where you can see and try on a pair.
NUNN & BUSH SHOE CO.
 Dept. 43
 Milwaukee, Wis.



Another Proof of



Superiority

More convincing evidence of the decorative possibilities of Compo-Board than the paneling in the dining room of the famous Knickerbocker Hotel in New York could not be asked.

Its strength, stiffness, durability and non-warping quality are proven by its use in ocean-going steamships, where it stands terrific strain.

So Compo-Board—"the only wood core wall board"—really is better than other wall boards.

Be sure you get the genuine when you ask for Compo-Board—look for the wood core and the name printed on the surface, every four feet.

Write for sample and book of beautiful interior decorative schemes.

Sold by dealers in strips four feet wide by one to eighteen feet long.

The Compo-Board Company
 5787 Lyndale Ave. N.,
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\$75. to \$200 a month!

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\$50 COURSE FREE

Six weeks from the day you enter this great school you will be able to repair any make of automobile or drive any car on the market. All who enroll now receive \$50 course in Lighting and Tractor Engineering Free. Write today for our big Free Book and the \$50.00 Free Scholarship Certificate.



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Largest Auto School in the World
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NO MORE WORK SHOE TROUBLES

The new patented National Aluminum Shoes stop all pinching, distorting or rubbing of foot. GUARANTEED to protect your health and save money by outwearing several pairs of kind you now use. Water-proof, rust-proof, break-proof, light, comfortable, fit fine, easy to walk in. Keep your feet warm and dry. Easy to clean. Snow or mud does not ball up and stick to sole. Cushion felt insole. Best pliable leather uppers. Sizes 1 to 13. 6 to 16 in. high. Wear them anywhere, anytime. Special Transmission Rubber Taps outwear any other kind—easy to renew if they ever wear out. FIT AND SATISFACTION GUARANTEED OR MONEY BACK. Postal brings OUR FREE catalog. FREE try on in your own home.

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Lovely Peacock Ring Latest Novelty FREE

Peacock Rings are all the rage. They are sterling silver, bronze finish. The Peacock is enamelled in brilliant natural peacock colors making a very attractive appearance and a ring that any person would be proud to wear.

FREE OFFER: We will send this handsome ring to all who send 30 cents to pay for a year's subscription to the Household, a big story and family magazine. If ring is not satisfactory we will return your money. Mention size wanted. HOUSEHOLD, Dept. P.R.-2, Topeka, Kansas

Books, and a Low Cost Libraries are Supplied on Application to the State Commission

By F. B. NICHOLS, Associate Editor

FIFTY books may be obtained from the Kansas traveling libraries commission by any responsible person representing a local library, school district or reading club. These may be kept six months, and the fee is \$2. The commission pays the transportation cost, so the cost of a book is exactly 4 cents for the six months. As a rule the book is read by many persons, which reduces the cost for a person to a small part of 1 cent.

These libraries are now going into almost every county in the state. They should be going into every community. In the last two years 1,342 libraries have been sent out. The average number of readers to the library is 25; the libraries have helped 33,550 persons. They are available for every person in the state.

Mrs. Adrian L. Greene, state house, Topeka, is secretary of the Kansas traveling libraries commission, and all letters should be addressed to her. An application blank will be sent to be filled out, and when this is returned with the fee of \$2 the books are sent. It is expected that every library will reach at least eight readers. In sending in the application one should state the class of books desired, and also include a list of the authors. Here is a recent statement from the commission, which tells of the technique used:

"In order to obtain one of the traveling libraries supplied by the Kansas traveling libraries commission, as provided for in chapter 163, laws of 1899, it will be necessary for the applicant to fill out an application blank and return it to the secretary, together with the requisite fee of \$2. This fee constitutes the sole expense involved, and is used to defray the cost of transportation to and from the point of destination. The application must be signed by some responsible person representing a local library, school district, reading club, literary society, or similar organization.

"The libraries are made up in cases of 50 books each, assorted to meet the requirements. There are no printed lists or catalogs of the books, but the applicant may signify the nature of the books desired, whether of history, travel, biography, poetry, art, popular science, essays, or fiction, and may send a list which will be filled either with the books named or along the lines suggested.

"A library may be kept for six months, or longer if the application be renewed and an extension fee of 25 cents a month forwarded, or may be exchanged at any time for another one, on the payment of an additional fee of \$2. The general management of the library during the period of its use is left to the judgment and discretion of the person or organization making the order. It is expected that the applicant or local librarian will see that the books are cared for properly and returned. Books that may be lost are to be replaced, or payment made therefor to the commission. Further information regarding the use and circulation of the books may be had by addressing the secretary."

The Kansas traveling libraries commission also owns and lends to the clubs of the state six collections of exhibition-

size pictures, reproductions of the paintings of the great masters of Italy, Belgium, Holland, Germany, France, England, and America. These reproductions are mostly carbon photographs by Allnari of Rome, and Braun and Clement of Paris.

They are uniformly matted, 22 by 28 inches, except 10 larger ones, which are 28 by 38 inches. There are 478 pictures altogether that have a list value of \$1,675. Lectures, especially prepared to explain the pictures in these different collections, are sent with the pictures. These may serve as the principal part of an evening's program if desired. An application blank must be signed and a fee of \$5 is required.

The equipment of the library includes about all the ordinary range of books one would be likely to wish to obtain. There are 52,000 volumes; 632 library trunks are provided for these. It is hoped that a library organizer may be added to the staff of the commission in the near future. "The need of a library organizer in connection with the library increases every year," said Mrs. Greene recently. "The library work of the state would grow and the usefulness of the traveling library be greatly enhanced if we had an organizer to present our resources and facilities to the public. Only about 400 libraries have been sent to schools in the state. With nearly 8,000 schools which, even tho a large percentage of them may have school libraries, should be receiving the benefit of the traveling libraries, it will readily be seen that there is much work for an organizer to do."

With all these good books available, which include the best that have been written, there is no excuse for a person not having all the books he can read. It is easy to organize a little club and get the matter started. If one gets but eight families this will require a charge of but 25 cents apiece. Fathers and mothers owe a duty to their children to see that good books such as these are available.

Farmers need a great many more good books, magazines and papers. The books can be obtained from the state. A little club such as would be formed in getting these books could quite profitably take a few magazines. This is being done in the community in which Harley Hatch of Gridley lives. Mr. Hatch has an excellent library; probably the best in any farm home in Kansas, and he gets books from the state library also. The books and magazines in this community circulate over the neighborhood. They should do this in every community.

"The greatest need of the farm mind is reading," said Henry C. Wallace recently in Wallace's Farmer. "Ninety-eight out of every 100 farmers in this section know how to read, but they are not very good at putting their knowledge into practice. About two in every three take a daily paper or county paper, which they read quite religiously, and with fair understanding. The farm paper



receives almost equal attention. But here the reading usually stops. Perhaps one in three or four reads one of the standard weekly or monthly magazines of the type which costs \$1 or more a year. Most of such magazines are splendid for the purpose of keeping in touch with much of the best in the trend of modern thought. Many of them publish a lot

of rather sugary fiction, but even a little of this is a good thing for the farm mind. "And now we have the extent of our average reading—a county paper, the newspaper, the farm paper, and possibly a magazine. The solid books of the classical type, such as are included in Dr. Elliott's 'five-foot book shelf,' are conspicuous by their absence. So also are the more serious of our modern books, dealing with our political, economic and moral problems.

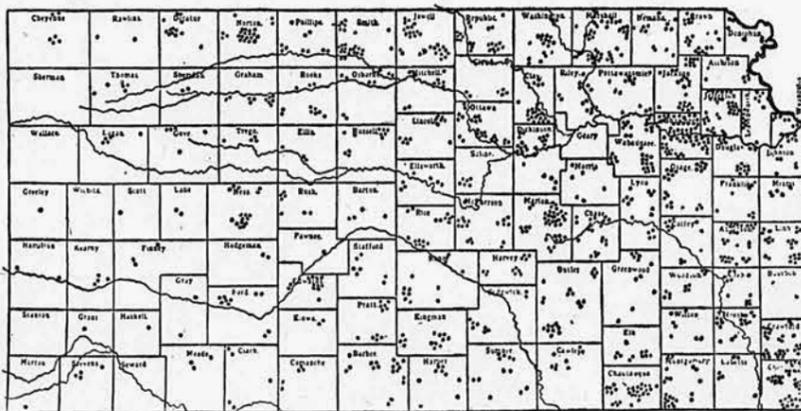
"Books cost money, and many of us feel that we cannot afford to buy more than one or two a year. The city people have overcome this difficulty by establishing public libraries. Any city person, no matter how poor, has an opportunity to use the library. Until recent years, we in the country have had to buy our own books or go without. A number of the states have now established traveling libraries, which farm communities may secure on application to the state librarian at the capitol. We need more books in every home, and we also need a township community hall, where the library for the township may be placed."

It pays well for one to take the time and effort required to read good books. A writer showed this forcefully in a recent issue of the Progressive Farmer. Nowadays, said he, the man who knows is the man who wins. The highly trained, successful physician or surgeon has spent years at some college getting a general education, more years at a medical school, probably still additional years in special work in some great hospital, and, even with all this, he is a close and constant student of all the current literature dealing with his profession. The successful lawyer, the engineer, the chemist—all these professional men who are successful have made it their first business to know their jobs. They know that every day new facts about their professions are being discovered, and that not to keep in touch with the most advanced thought means being left behind.

Perhaps the time was when farming could be done successfully without study; but that time has gone forever. The new, cheap lands are gone, and with their passing have come problems in soil-building and farm management that are no less difficult of solution than are the problems of the professional man. In fact, a well rounded knowledge of agricultural practice demands a considerable knowledge of chemistry, bacteriology and engineering; the modern successful farmer must know something of all these and-couple with them a sound knowledge of the principles of business management. The long winter evenings ahead afford an ideal opportunity for us to learn more about our work. In the days ahead, as never before, "the leading farmer will be the reading farmer." There is much, very much, to learn, and it is true; but as we learn, as the great vision of what applied science will mean to the farmer of the future unfolds before us, the task will be one of joy, and to the thinking, reading, studying, working farmer, no other calling, profession or business offers greater or surer rewards. Let's be up and at our splendid jobs! Let's make Kansas country life a little better, a little more satisfactory!

The yearly output of buttons in the United States is valued at 20 million dollars.

The Pension Bureau has received 66,000 applications for the increase of widow's pensions under the law passed by Congress at its last session.



Map of Kansas Showing the Distribution of the Libraries Sent Out by the State Commission in the Last Two Years.

Boys—1,000—Count 'Em

Every Day Adds Membership to the Capper Pig Club for 1917

By JOHN F. CASE, Contest Manager

MORE than 1,000 applications for membership in the Capper Pig Club have been received. Kansas boys are awake. Every mail brings a flood of signed coupons and an increasing number of recommendation blanks. And more than 300 boys have qualified as approved county representatives. That's going some for the first four weeks.

Twice the number of applications necessary to complete the membership doesn't mean that you haven't a chance. Hundreds of these applications have come from a few counties, your county may not have one boy lined up. Unless your county appears in the list printed on this page opportunity still knocks at your door. Edwards, Ellis, Grant, Greeley, Lane and Wyandotte county boys haven't shown any pep. Even the present club member hasn't hustled back his membership coupon and not one boy has qualified. What's wrong with you chaps? Haven't you any county pride? If this doesn't bring applications from the "missing links" I'll be tempted to let some of the clamoring host in adjoining counties crowd over the line. Show a little life; get in the game.

"Don't forget us old members, Mr. Case," writes one likeable chap, "I'm strong for the big club but with so many boys to look after I'm afraid you will lose sight of us fellows who were first in line. And we feel as if we had first claim on you, you know." No danger of forgetting the old boys, Jim. Your enthusiasm made the big club possible and I'm depending upon every 1916 member to act as head booster in lining up his county for effective work. Later we are going to organize by counties with a county leader. And I'm going to visit some of the county clubs that show the most pep. There's going to be something doing in pig club work this year.

And now a word to the old members: Remember, fellows, the 1916 contest closes December 15 and your records and story must be sent to me not later than December 20. Every boy promised to send a report and no matter what has happened I expect to hear from you. The awards will be based, 35 points for pounds of pork produced, 40 points for the cost a pound, and 25 points for the records and story telling how you fed and cared for the sow and pigs. You must prepare your own records and write your own story. Don't spoil a year's work by carelessness at the end. Tabulate your records neatly and write your story just as if you were talking to me about the work. The experience gained this year is going to be a big help to every boy entered in the 1917 race for the prize winning records and letters will be published. And if there's anything you do not understand write and ask me about it. There's one addition to the feed values for 1916, by the way. No provision for table slop was made but some of the members fed it anyway. This matter was discussed at the Topeka meeting and the members voted a charge of 25 cents a hundred pounds. If you have been feeding table slop estimate the amount and charge at that rate. If any other feed not provided in the table has been given state full particulars when you send in your report.

Fred Harbaugh of Russell county and Harry Fowler of Nemaha county are among our blue ribbon winners at county fairs. Both hustlers cleaned up on their competition and I'm pleased to send duplicate checks. Every boy who won a premium on his contest sow is entitled to a duplicate award. If the winning has been reported and a check has not been sent the delay is caused by failure of your fair secretary to notify me.

Getting back to the 1917 contest, I

wish to urge every boy who sends an application and receives a letter from me enclosing a recommendation blank to read both very carefully. More than one boy has lost his chance because the blank was returned improperly filled. We must adhere strictly to the rules; it is unfair to give the careless boy a place even if failure to comply with instructions is wholly unintentional. And when you receive a letter telling that you have been chosen as a county representative and enclosing two form contracts, read this letter carefully, too. Only one contract is to be returned and the letter tells you exactly what to do.

Quite a number of prospective members have been keenly disappointed because after going to the trouble of securing recommendations they found the county membership was completed. Assuredly it's too bad and I'm sorry, but wasn't securing your recommendations worth the effort? It proved to your friends that you had the right kind of pep and showed that your friends thought you were a boy of whom the whole county might be proud. Recommendations are placed on file and if a vacancy occurs, the next boy in line gets his chance.

Along with all the jollity and enthusiasm in the work of our club comes a note of sadness. Club members who attended the meeting at Topeka will remember Donald Peck of Chapman, Dickinson county. Don's father is dead, fellows. Words mean little but our Dickinson county friend knows that as our members read this every boyish heart will throb in sympathy. There's more than just pigs and play—there's heart interest in this club of ours.

Had you figured that it is possible for one boy to win \$70 and a trophy cup in the 1917 contest? Fact! First prize in the contest is \$25, there's a chance at \$10 in the special county prize, the prize pig offered by a breeder for the champion lot counts \$35, and the \$25 trophy goes to the boy making the best profit record. One boy can win that \$95 if he has the proper combination of pluck, perseverance and pep.

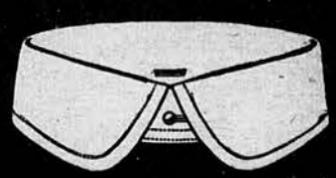
One surprising thing about the new contest is this: Some counties sending but a single application last year are first in line this time with five qualified boys. There's Cheyenne county away up in the Northwest corner. Victor Raichart was the only boy who sent in a coupon for 1916, now he has four pals to help boost. Victor, by the way, owns the highest priced sow. He paid \$65 for his O. I. C. entry and she brought a fine lot of pigs. Victor worked out, earned the money to pay for feed, and had enough left to pay for a trip to the fair. He never had been on a train before but he made the 800 mile trip alone, had the time of his life, and is coming back again. Victor lives near Bird City and I'd like to see him sell some of his surplus pigs.

County membership in these counties

is complete and has been published: Reno, Douglas, Shawnee, Morris, Jefferson, Atchison, Bourbon, Coffey, Greenwood, Harper, Kiowa, Marshall, Osage, Pottawatomie, Republic, Rooks, Sumner, Wabaunsee, Wilson. And here are additional counties with membership complete:

Name and Address.	Age
ANDERSON COUNTY:	
Leonard Wells, Haskell.....	15
Ira Martin, Welda.....	17
Lloyd Woolen, Garnett.....	16
Clarence Cotton, Colony.....	14
Cornelius Kossow, Colony.....	11
CHEYENNE COUNTY:	
Victor Raichart, Bird City.....	13
William Ego, St. Francis.....	11
Orrin Russell, Bird City.....	12
John Henry, St. Francis.....	12
Arthur White, Jaqua.....	16
CLAY COUNTY:	
Elmer Jones, Clay Center.....	16
Dustin Avery, Wakefield.....	13
Wallace Woerner, Clay Center.....	11
Dan Vasey, Oak Hill.....	11
Harvey Eye, Broughton.....	13
COWLEY COUNTY:	
Bonnie Prather, Dexter.....	18
Frank Jobs, Winfield.....	13
Rutherford Crampton, Arkansas City.....	15
Willis Toms, Arkansas City.....	14
Ralph Bruce, Winfield.....	14
DONIPHAN COUNTY:	
Leland Gilmore, Highland.....	14
Warren Tobin, Highland.....	12
Loyde Keller, White Cloud.....	17
Noble Naugle, Highland.....	14
Jack Foster, Sparks.....	10
GRAY COUNTY:	
Theodore Mayer, Cimarron.....	14
Alfred Anderson, Copeland.....	15
Joe Montgomery, Montezuma.....	12
Carroll Davis, Ingalls.....	14
Asa Endsley, Copeland.....	13
JACKSON COUNTY:	
Clarence Musgrove, Holton.....	15
Earl Green, Soldier.....	13
Arthur Reeves, Muscotah.....	14
Glen Field, Whiting.....	13
Emery Bakin, Della.....	11
LYON COUNTY:	
Harvey Stewart, Americus.....	13
Gail Williams, Reading.....	15
Walter Briggs, Reading.....	13
Edward Shafer, Olpe.....	14
Jesse Jones, Americus.....	15
MIAMI COUNTY:	
Clark Jenkins, Paola.....	13
Marion Bratton, Lisle.....	13
Bernal Pontius, Paola.....	16
Vincent Sterbenz, Osawatomie.....	10
Francis Crawford, Spring Hill.....	13
NEMAHA COUNTY:	
Harry Fowler, Centralia.....	17
Earnest Williams, Corning.....	12
Zachariah Kill, Seneca.....	15
Wayne Randall, Corning.....	15
Harry Hicks, Centralia.....	14
OSBORNE COUNTY:	
McKinley Gregory, Alton.....	14
Ted Thompson, Alton.....	13
Ira Lewis, Downs.....	15
Lyle Mayfield, Alton.....	15
Harvey Jones, Downs.....	13
OTTAWA COUNTY:	
Harold Gardner, Bennington.....	12
Henry Ward, Minneapolis.....	13
Byron Clithero, Miltonvale.....	18
Harold Monasmith, Wells.....	13
Paul Nicholas, Bennington.....	17
RUSSELL COUNTY:	
Fred Harbaugh, Bunker Hill.....	15
Alfred Munsell, Russell.....	11
Harold McConnell, Russell.....	13
Nathaniel Cowan, Lucas.....	10
Murice Casey, Dorrance.....	13
SALINE COUNTY:	
Joe Fulton, Mentor.....	13
Avon Selleck, Culver.....	11
Vernon Olson, Brookville.....	13
Harry Tuthill, Salina.....	16
Carden Pinkham, Mentor.....	11

SHELTON



A hundred and one well dressed men in every community demand this low, comfortable style in

SLIDEWELL COLLARS

Is made with the Tie and Temper saving patented Tie-Protecting Shield and Graduated Tie-Space.

15 cents each. \$1.75 per dozen.

HALL, HARTWELL & CO., MAKERS, TROY, N. Y.



Make Shaving a Joy

Every stroke brings a smile when you use an 'Ever-Ready' Safety Razor. The 'Ever-Ready' just glides over your face taking off the heaviest beard with velvet-like ease.

Ever-Ready Safety Razor

You pay one dollar for the 'Ever-Ready' with 12 'Radio' Blades, the biggest money's worth in razordom. If the 'Ever-Ready' doesn't give you the cleanest, smoothest, quickest, most satisfying shave you ever had—you get your dollar back without any question.

Get your 'Ever-Ready' at the nearest hardware or general store—\$1.00; or write us.

Extra 'Ever-Ready' Blades 6 for 30c.

American Safety Razor Co., Inc.
319 Jay St., Brooklyn, N. Y.



EVER-READY SAFETY RAZOR

12 Blades

12 Blades

THE CAPPER PIG CLUB

John F. Case, Contest Manager, Capper Building, Topeka, Kan.

I hereby make application for selection as one of the five representatives for county in the Capper Pig Club Contest. I will try to secure the required recommendations and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning pig club work and will make every possible effort to acquire information concerning the breeding, care, and feeding of swine.

Signed Age.....

Approved Parent or Guardian

Postoffice Date.....

Age Limit 10 to 18 Years.

CHIEF Sunshine Hog House Windows

For the up-to-date practical hog raiser. Designed and made by specialists—best and most satisfactory window money can buy. Admits direct sunshine and makes hogs healthy. Made of galvanized steel, will not leak—cannot rot, rust, or warp.

Blue Prints of New 4 Hog Houses Free.

Write today for our FREE hog house plans—4 complete plans prepared by experts. Embody all modern features—full details and specifications. Worth money to you. We'll tell you about our other specialties—Chief Steel Ventilating Cupolas, New Chief Ventilating Windows, Chief Sidewall Windows, etc.

SHRAUGER & JOHNSON COMPANY
580 Walnut St. Atlantic, Iowa



Is Your Gun Rusty?

THERE are many trusty old shotguns in this country that once were cleaned and oiled and used with great frequency. Today they lie idle, rusty, almost forgotten. Yours may be one of them.

What is the reason for this? Does the lure of the fields and woods no longer hold attractions? Have we lost our love for good sport?

No—these things are not responsible for the rusty gun. *The absence of game is the cause.* And the cause must be done away with before the gun is used again as it once was.

The cure lies in game farming—in the breeding of game birds to replace those we have lost.

Already, in many places, good shooting has been restored by game farming. The same thing can be done where you live. You can take part in it if you will.

A game farm is easy to establish and maintain. Also there is money in it as well as pleasure. The prevailing scarcity of game has resulted in high prices being paid for game birds and their eggs. The demand from city markets is always greater than the supply.

We will gladly tell you how you can run a game farm and make it pay, or how you can induce others to raise game for you to shoot. Write today for our 64 page booklet, "Game Farming for Profit and Pleasure". It is sent free on request. You will find it interesting reading. Please use the coupon below.

When Your Gun is in Use Again

When you begin using your gun again remember to load it with powder that can be depended upon for accuracy at all times. Ask your dealer for shells loaded with Hercules Smokeless Shotgun Powder—either Infallible or "E. C.". Both can be obtained in all standard makes of shells. They are of high and uniform quality—give light recoil, high velocity, even patterns.

Game Breeding Dept., Room 65
HERCULES POWDER CO.
Wilmington, Delaware.

Manufacturers of Explosives; Infallible and "E. C." Smokeless Shotgun Powders; L. and R. Orange Extra Black Sporting Powder; Dynamite for farming.

Game Breeding Department, Room 65,
Hercules Powder Company,
Wilmington, Delaware.

Gentlemen:—Please send me a copy of "Game Farming for Profit and Pleasure". I am interested in game breeding from the stand-

point of

Name

Address



THE GOOD JUDGE GETS POSITIVE INFORMATION.

JERRY, DO YOU KNOW OF A CONTENTED MAN AROUND THIS LUMBER CAMP?

DO I? SURE! IT'S MY FRIEND MURPHY—HE'LL TELL YOU WHY.

JUDGE, I'M AS HAPPY AS A BILLY GOAT IN A CAN FACTORY—I'VE FOUND THE REAL CHEW, AND I DON'T HAVE TO DISLOCATE ME JAW TO GET SATISFACTION.



JUST put it up to a gentlemanly fellow and watch him take to the tobacco that calls for a *small* sized chew. A few facts like these appeal to his common sense:—

W-B CUT Chewing is *rich* tobacco. It's shredded, you get next to *all* the good tobacco taste. The touch of salt helps bring out the flavor. It's not sweetened and flavored to death—you don't have to keep grinding and spitting.

Made by WEYLAN-BRUTON COMPANY, 50 Union Square, New York City

A Lower Price for the Meat

More Butchering is Needed on Kansas Farms

BY CARL P. THOMPSON

THERE probably is a greater spread between what a farmer gets for his livestock on the hoof and what he pays for the finished product at the butcher shop or the grocery store than in any other product of the farm. There is little need of a farmer buying high priced meat at the butcher shop or store for it is possible for him to have better meat, both fresh and cured, on the farm most of the year than he can buy.

It will soon be time for farmers to organize beef clubs. By organizing such a club, consisting of from four to eight farmers, good fresh beef can be had throught the winter, and it will always be of good quality. In organizing such a club the men should agree as to the different cuts each is to take and every time the club butchers a beef every person will take a different cut, so at the end of the year each has had the same. It might be well to weigh the meat and keep a record of the amount each club member receives and adjust any difference in size of animals supplied by different men at the end of the year. This method of butchering not only gives an excellent method of co-operation in butchering and a decided advantage socially, but enables every farmer to have fresh meat without paying a big price at the butcher shop or running the risk of having his meat spoil or get stale.

The summer meat supply is quite a different proposition from the winter supply, due to the fact that meat will soon spoil in hot weather. However, this can be overcome to a considerable extent by butchering smaller animals than in the winter. Here is where the meat club comes in to the best advantage, as less meat is kept on hand at one time. The best animal for summer butchering is the sheep, and it would be hard to find a better meat for summer than good mutton. The lambs will weigh from 40 to 80 pounds, and when this is divided among several families it can be used easily before it spoils. The first step to take in organizing a mutton club in most localities would be to do a little missionary work in getting the farmers to raise more sheep. There are but few communities in the state where enough men raise sheep to form such a club; yet a small farm flock of sheep is one of the most profitable classes of stock a farmer can handle.

Our chief source of meat supply on the farm always has been and probably always will be hogs. Due to the fact that pork is cured easily it is not necessary to form a meat club for the purpose of distributing meat, but community co-operation in butchering is the most satisfactory way to solve the labor problem. A scalding vat, which can be made either from wood or sheet iron, might be owned by such an organization, as well as other things necessary for convenience at butchering time. Another advantage of such a club would be that the time of butchering for the various members of the club could be varied, and the ribs, back bones and liver could be divided among the club members. Usually when a man butchers from four to eight hogs at one time there will be more of these parts than can be used before they get stale.

Everything should be in readiness before the day set to do the butchering. The hogs should be taken off feed the day before and placed in a pen close to where they are to be butchered so they will not need to be disturbed, and time will not be lost in getting them where they are wanted on butchering day. Do not feed the hogs for at least 12 hours before butchering. Have your knives sharp. A good corn knife or sharp hoe is good for scraping off the hair. A flat vat is much better than a barrel, as the



whole hog can be immersed at once. By fastening ropes to the side of the vat next to the platform where you have your hog, and rolling the hog in the water over the ropes, it is an easy matter to take the hog out and raise and lower it at will. If you use a barrel, good hooks should be provided for lowering the hog in and out of the barrel. Get your water as hot as you can before placing it in the vat, as it will cool some before you are ready to scald the hog.

When the water is hot enough to sting the fingers when you draw them rapidly thru the water two or three times, it is about right for scalding. However, this is something a man will soon learn from experience. If the water is too cold it will not loosen the hair and if it is too hot it will "fix" the hair and soften the hide. A little wood ashes in the water makes the scurf and grease easier to remove and gives a cleaner and nicer carcass. After the hog is scraped it should be hung up and one man should thoroughly cleanse the carcass and take out the entrails while the rest of the men start on the next hog. The carcass should be allowed to cool thoroughly without freezing before cutting up ready for curing and for sausage. Hams and shoulders should be well trimmed, putting the fat into the lard and lean portions into the sausage.

The meat can be either dry or brine cured. It should be kept in a dry, cool place. The following recipe for curing gives good results and an excellent quality of meat.

For 1,000 pounds of meat, use 40 pounds common salt, 10 pounds New Orleans sugar, 4 pounds black pepper, 1½ pounds saltpetre, and ½ pound cayenne pepper. Weigh the meat, and take such part of the ingredients as that is a part of 1,000 pounds.

Let the meat cool thoroly. After mixing the ingredients, ½ of the amount should be rubbed well into the meat. Put the meat in a dry, cool place—never in a cellar. Let it remain two weeks, then rub on the rest of the cure, and let it lie about six weeks, when it is ready to hang. Smoking should be done slowly. It should occupy four to six weeks, a little every day, and with little heat. Slow smoking gives a delicate flavor. After the smoking is finished, wrap each piece in paper, put in an unwashed flour sack and hang in a dry place.

The brine cure requires the same materials minus the pepper. When the meat has cooled, rub it with salt and let it drain over night. Pack in a clean barrel with the heavy pieces, hams and shoulders at the bottom. For every 100 pounds, use 8 pounds of salt, 2 pounds brown sugar and 2 ounces saltpeter. Dissolve in 4 gallons of water and cover the meat with it. Thin sides should remain in this four to six weeks, and hams six to eight weeks. After it has dried thoroly, smoke as in the dry cure.

For making sausage take 50 pounds pork with plenty of firm fat, usually 3 parts lean meat and 1 part fat, the proportion depending on personal taste. Mix in 1 pint of salt, ¼ cup black pepper, 2 level tablespoons of cayenne pepper, and a closed handful of powdered sage, and work it thru the meat. Pack the sausage for winter use in clean, sweet stone crocks, and run 2 inches of hot lard over it.

Sausage to be kept for next summer should be canned. Make into small cakes, cook about two-thirds enough for the table, or until all the water is out, then pack into cans or jars. Fill them full of hot lard and seal at once. Keep in a cool place. When cooked next summer it will be more delicate if you drain off every drop of fat after it is fried; pour a little cream into the frying pan, boil it and pour over the sausage.

Hogs are Selling Rapidly

Farmers do Not Care to Feed Expensive Grain

BY HARLEY HATCH

NEARLY everything of the hog kind which can be sold has left this part of the country. From this locality hundreds of shotes have been sold which averaged in weight all the way from 35 to 100 pounds. I think farmers who sold did wisely for corn brought \$1.05 a bushel at Gridley this week and market indications are that packers do not intend to let hogs go much above \$10 at Kansas City if they can help it. This means no more than \$9.25 here; shippers must have a 75-cent margin when hogs are so high instead of the usual 50 cents taken when the price is not above \$8. Corn can't be bought in town for \$1.05 a bushel hauled out to the farms, and fed to pigs which sell for no more than \$9.25 with any resulting profit. The only man who might feed with good results under these conditions would be the one with plenty of skim milk which would be thrown away were there no pigs to feed.



was also favorably commented on. I hope the newly elected legislature will not "monkey" with the present ballot form.

We brought home a case of honey this week consisting of 24 frames for which we paid 11 cents a frame. A full frame will weigh a pound and most frames are full this year. It has been the best season for bees in years, and they have laid up such stores that it is selling for but little more a pound than common sugar. The standard price for comb honey in ordinary years has been 15 cents a pound and that in years when common sugar sold for 5 cents a pound. Since the advent of Sweet clover, bee pasture has been plentiful the season thru. There is now no lack of honey making material here from the time the first peach blossom opens in the spring until the last Spanish needle sheds its yellow bloom in the fall. There are many who prefer the alfalfa or Sweet clover honey because of the fine color, while others take the late fall honey made from yellow blossoms even if it has a dark color. They think the dark honey richer than the clear article made from alfalfa and clover blossoms.

From Havensville, Kan., comes a query asking for the best kafir variety for that section. For that locality, which lies well up in the northern part of the state, I should prefer the Red kafir because it will mature from 10 days to two weeks earlier than the Standard Blackhulled White. In regions where the White will mature it is preferred by most farmers because they think it makes a larger grain yield. It is my opinion that it does and this opinion is based on the growing of both varieties.

The wind is in the northeast, and it bears a chill which tells of snow. And the weather forecast says "snow," also. While the work on this farm is not all done for the season it is nearly so. About two days' work hauling manure remain and there is something like 75 bushels of corn left in the field. But even should snow come we do not expect it to end the good weather in Kansas; we always have 30 days or so of Indian summer after the first storm.

This week brought us the best rain we have had since last June. Something like 2 1/2 inches fell election night. As we sped home in the car shortly after midnight we could see the storm rolling up and feared that it was all wind and no rain. It proved to be all rain and no wind, something which just suited the wheat growers and the stockmen who wanted to see the ponds filled before cold weather set in. The ponds were not entirely filled but there is water now in plenty to last thru the winter.

Wheat, no matter how sown, is looking well. What a fine thing it would be if the Kansas wheat growers could cash in on part of their prospects this fall while wheat is nearing \$2 a bushel. I do not expect to see the price go much lower until another crop is raised. If the next crop is even an average one we may then look for cheaper flour, for the acreage sowed in wheat this fall is very large in Kansas, Nebraska and Oklahoma.

Last Saturday first patent flour sold in Burlington for \$2.45 a sack while second patent brought \$2.25. For bread purposes the latter is the cheapest; it makes just as good bread and just as many loaves to the sack; the only difference is in the color. The first patent has 20 per cent of the lower grade flour taken out, the second patent 11 per cent. For the southern trade a flour is made to which the low grade flour taken out of the high patent is added. The best flour with 20 per cent of the low grade flour taken out is counted as 80 point flour; the flour which goes to the southern trade which had low grade flour added is counted as 124 point. Strange to say, this 124 point flour makes biscuits which taste just as well as those made from the best flour; but they are darker.

Those who think our election ballots are gradually growing longer might change their minds if they could see the array of town officers the old New England voters were called on to elect on each yearly town meeting day. I don't think the list is so long now as it was years ago but even today it is three times the length of the Kansas township ballot. In the old elections in Vermont the towns were required to elect a moderator, a town clerk, a tax collector who was usually the town constable, three selectmen who managed the town affairs as our commissioners manage our counties, a treasurer, an overseer of the poor, three fence viewers, who settled fence disputes among the farmers, at least one poundkeeper and sometimes more whose duty it was to take care of stray livestock, and an inspector of hides and leather. In many towns these officers are still elected altho they have nothing to do. The filling of these offices is usually taken as a joke and the fellow whose head is swelled is likely to have the swelling reduced by being elected poundkeeper.

I have heard nothing but commendation for the present form of ballot. It does not make "yellow dog" voting so easy as the old ballot form it is true, for one cannot place his cross under the eagle or the rooster and so vote the whole ticket. But the present form does compel the voter to read his ballot and to give to each name at least a moment's consideration. The arrangement which allowed of voting and counting all presidential electors by making one mark opposite the name of the candidate wanted

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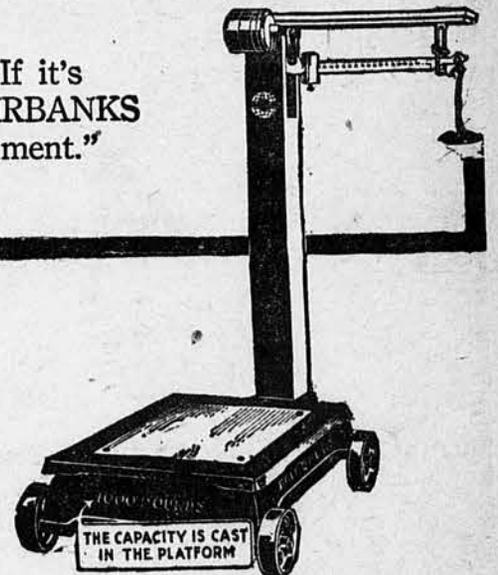
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Shall I Get an Incubator?

Helpful Letters About Poultry Raising Will Win Prizes

BY V. V. DETWILER

WHAT EXPERIENCE have you had with incubators? It will be only a few weeks now until many readers of the Farmers Mail and Breeze will be deciding whether to set hens again next spring, or invest in an incubator. A letter telling what results you had with your incubator may be worth a lot to them. They also will wish to know just how you do the work to get a good hatch.

The first issue in February will be the poultry special of the Farmers Mail and Breeze again this year. We shall wish to use the incubator letters at that time. Prizes will be given for these, and for other helpful letters. The best letter on any poultry subject received by the poultry editor of the Farmers Mail and Breeze before January 15, 1917, will win a prize of \$2.50. The second prize is a book, "The Case of Jennie Brice," by Mary Roberts Rinehart. This book retails for \$1. Five subscriptions or renewals to the Farmers Mail and Breeze will be given for the next five letters. Five Valley Farmer subscriptions and five subscriptions to Capper's Weekly also will be given.

The present high cost of feed makes some persons believe that there is no profit in keeping poultry. This certainly is not true on any farm where the chickens get part of their feed from material that otherwise would go to waste. If you have made a profit from your poultry this year, tell us about it.

A Loss of 2 Million Dollars

Kansas farmers and jobbers are paying a high price for carelessness and poor methods in handling and marketing eggs. The egg business in Kansas amounts to nearly 30 million dollars annually. On this 2 million dollars more could be made if farmers would realize the importance of proper methods in handling eggs and poultry.

This enormous loss is due to improper nesting and housing, improper feeding, improper care and handling of eggs on the farm, carelessness in hauling and shipping, and carelessness on the part of the merchant in marketing.

Loss to the producer due to these causes is principally in the quality of the product, for which he receives a lower price. Loss to the consumer is in receiving eggs of poor quality, for which he pays more than they are worth.

F. E. Fox.

Kansas State Agricultural College.

This Feed is Too Fattening

The chickens in my flock of 160 Buff Orpingtons have some sort of diarrhea. It began in the flock last fall. For some time none were sick, but lately there have been signs of the disease again. The discharge from some of the hens is white. From others it is greenish yellow, and from some almost black. There is no strong odor. I am getting from 48 to 60 eggs a day. About 50 per cent of the eggs hatch. The chicks are large but weak. Some live for several weeks, but they do not thrive. The old chickens do not seem sick. They eat well and are fat. I feed kafir in the head, and they have rye and Sweet clover pasture. Are the eggs from the flock good for table use? Are the hens fit to kill for use on the table? MRS. A. D. L.

I am of the opinion that your birds have had too much fattening food. There has not been variety enough in the ration. They can stand a continuous feeding of corn or kafir for a considerable length of time, but if it is kept up trouble such as you have is almost certain to result. The eggs should be good for table use, for the probabilities are that a hen that is in good enough condition to lay is in sufficiently good health so that the eggs are of good quality. I also think any of the fowls that seem to be in good health are good for table use. I should not wish to eat a hen that was showing symptoms of being out of condition. The kafir has almost the same feeding value as corn. Either of these grains if fed liberally and for a long period without wheat, oats or some other grain or dry mash being used to balance the ration, will result in liver trouble and diarrhea, overly fat hens, a poor egg yield, poor hatches and poor fertility. I recommend exchanging some of your kafir for wheat. You might keep a dry mash made of equal parts of wheat bran and shorts before the hens so that they can help themselves. This will enable them to overcome the evil effects of an all kafir

and corn ration. Also supply them with green food and compel them to take a great deal of exercise. Give all the range possible, and use the following tonic:

Magnesium sulphate.....10 oz.
Magnesium oxide.....1 oz.
Sulphate of iron.....2 oz.
Ground ginger.....2 oz.
Sulphur.....3 oz.

Give 1 tablespoonful in moist mash to 12 birds each morning for three mornings, and discontinue for two weeks, then repeat.

The magnesium sulphate acts on the intestines; the magnesium oxide, on the kidneys; sulphate of iron acts on the blood; the ground ginger stimulates all organs; and the sulphur is a general antiseptic. This therefore is a good tonic for the fowls.

For serious ailments the dose mentioned above should be increased. T. E. Quisenberry.

He Raised the Chicks He Hatched

A poor hatch but a good raise was my luck in the poultry work of the last year. Of the 135 eggs put under mother hens 76 chicks were hatched, one of these was crushed in the nest, another of the smaller and weaker ones was smothered by crowding when weaned from the hen. Those left, I kept in yards so no danger or loss from hawks or rodents could come. They were dry fed such as screenings and bread crumbs while very young and cracked corn and buckwheat after a few days.

Occasionally a mash of wheat bran and cornmeal was given them, which they seemed to relish hugely. They were fed meat scraps often, and fresh water always was before them, also grit and charcoal. They were 24 hours old before I offered them their first meal. Care was taken to keep coops and yards clean. They were dusted a number of times with insect powder. The chicks were not allowed full range until they were two-thirds adult size. To this I think I owe my good raise of chicks. G. T. P.

Green Food for the Poultry

Plenty of green food for the poultry, all they will eat, is an important item in poultry rations during the winter egg-laying season as well as at other times of the year. This can be supplied by growing kale and other winter greens outside the pen and giving the birds daily quantities, or by sowing a fall pasture of vetch, rape, mustard, rye, wheat, oats, or other crop that will make consistent winter growth. The fowls will have to be kept off the sowed area until the young plants get well established, when they will afford the hens all they need with no trouble to the owner. Provided in either way the greens will have a beneficial effect upon the health of the flock as well as exert a valuable influence on the yield and quality of the eggs.

Hens Take Cold in Drafts

In supplying fresh air do not have drafts in the poultry house. To avoid drafts have three sides of the house air tight, and have a part of the south side open. The fresh air poultry house has been in use for a number of years and gives splendid results.

In an old style house, the air is not pure and the chickens continually are breathing the impure air. As a result they contract colds. N. L. Harris.

Lost—By the Express Company

A subscriber in Oklahoma shipped a coop of chickens in September. The chickens were lost by the express company. The shipper has written twice to the claim agent of the express company, and his letters have been ignored. A good thing for him to do now is to talk to his county attorney about it. This will cost nothing, and possibly will hasten a settlement.

Sweet clover is becoming one of the important field crops in Allen county. W. E. Watkins of Iola, the county agent, has done much to encourage the planting of the crop there.

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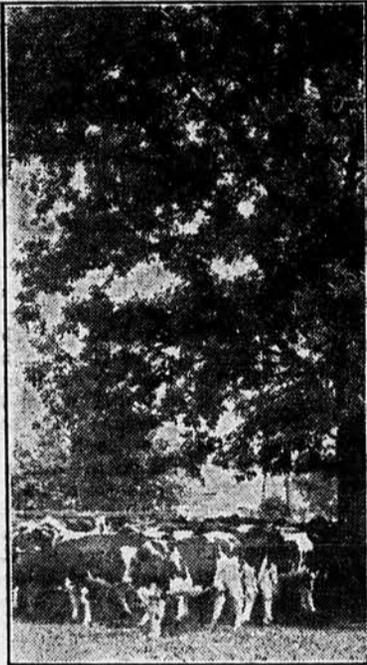
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The Milk Machine of a Cow

A Watch is No More Sensitive to Abuse than the Udder

BY H. G. ASSELTINE

A COW'S udder is a delicate piece of machinery, as sensitive to abuse, ill-treatment and improper care as a watch. Few dairymen, however, realize the fact—or, if they do, no one could detect it by the care they give their cows. To avoid the losses so common in the big dairies, it is essential that the dairyman should know something of the structure of the udder and the many factors which unite in causing udder troubles.



The udder is composed of two separate halves, the right and left, which are separated by fibrous tissues. There is no connection between the two halves, so that milk cannot be drawn from one to the other. The milk glands proper are located near the abdomen, and extend downward into the udder, the remainder of which is occupied by blood vessels, nerves, muscles, ducts, and tissues, making it rather open and spongelike. At the lower end of the teat

lies with her head turned to one side, with her muzzle towards the flank. The entire body is paralyzed, and she expresses every evidence of being in great pain.

While it is possible to stop milk fever by any means that will fill the udder with air, yet there is danger of introducing infection unless extreme care is taken. But for this fact an improvised outfit could be used. It is well, however, to use a standard milk fever apparatus, the operator should thoroughly cleanse his own hands and wash the udder and teats of the cow with an antiseptic solution. Having the apparatus free from infection, the milk tube may be inserted in the teat without drawing what milk it contains, and the quarter of the udder filled and well distended with air. The tube may then be carefully withdrawn, and tape tied around the teat tightly to prevent the air escaping. The same treatment is applied to each quarter. The udder should remain full of air for at least 24 hours—longer, if there still is sign of trouble. The tape may be removed and another treatment given in case the air has escaped. Of course, the calf has had to get his meals elsewhere during this treatment.

Chapped teats may be caused by anything that irritates them, the sudden chilling of the teat in winter after the calf has let go, milking with wet hands, or contact with cold, dirty water. The trouble may be slight, but it may develop into deep, gaping sores. The use of vaseline at the first sign of trouble usually will check and cure it. If the teats are badly chapped, thoro washing in warm water, followed by the application of spermaceti and oil of sweet almonds, is advised.

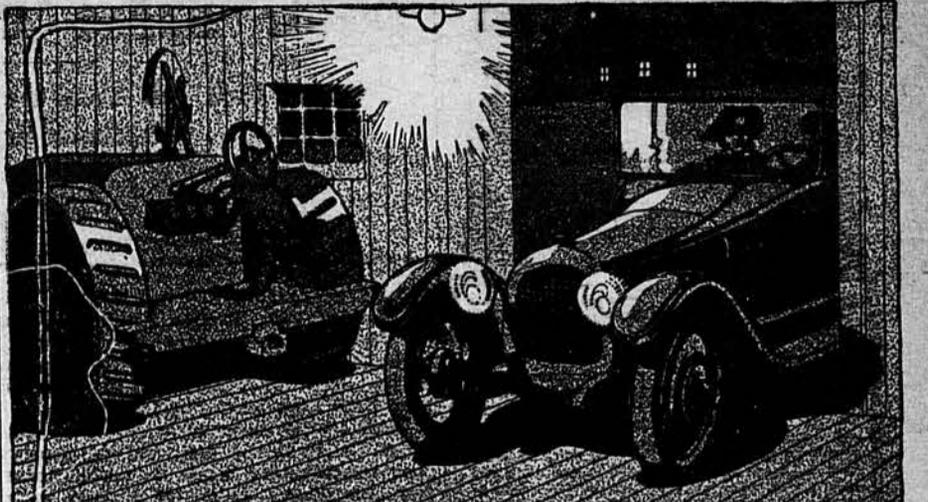
Warts on the teats often are troublesome in milking, besides adding to the danger of increasing the possibility of contaminating the milk thru infectious material which may be found on them. They may be benefited greatly or entirely removed by smearing them thickly with pure olive oil. If they are large, and still persist despite this treatment, they may be cut off with a sharp pair of scissors, and the spot touched with a stick of caustic potash. They may be oiled now, and the caustic potash treatment repeated as often as necessary to prevent their renewed growth.

Too small an opening in the teats is the most common cause of hard milking. The size of the opening is controlled largely by a strong sphincter, which closes the teat opening more than it should. Anything that will cause this muscle to contract slightly, and the opening to remain large, will, as a rule make hard milkers easier to handle. Often lead or rubber teat-plugs are placed in the teat duct and fastened there, so the cow wears them from one milking to the other, this treatment in time curing most hard milkers.

In some cases this treatment is not sufficient, and the only cure is to cut the teat on the inside with a teat bistoury. This treatment is passed into the teat canal, and by means of a turn of the handle, a small knife is projected. As the instrument is removed, it cuts the side of the teat duct and the surrounding muscles.

We read the Farmers Mail and Breeze with a great deal of pleasure and would feel a little lost without its appearance in our home every week. In passing comments, may success crown your efforts in getting people to think for the brighter way.—J. B. Skinner, Gibbon, Okla.

It costs more to produce clean milk than dirty milk. The difference in cost is health insurance.

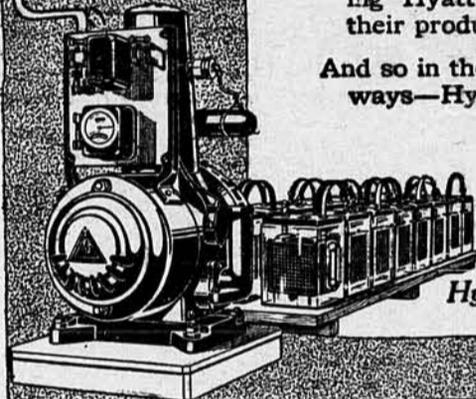


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Farmers Mail and Breeze, Dept. G, Topeka, Kan.



Their First Day of Thanks

Boys and Girls Tell About the Pilgrims' Trials, and Why They Expressed Gratitude Publicly



THE PILGRIMS set sail late in the fall of 1620, in the Mayflower, for New England where they intended to build homes. There were 102 persons on the ship. They anchored in a harbor near Cape Cod, Mass., in December.

Each settler received a grant of 100 acres. Altho it was very cold and snowy, they immediately began to build cabins and storehouses, using oiled paper as a substitute for window glass. The winter was so hard and there was so much illness that before spring came half the colonists had died. When spring opened up they began to cut down the trees, till the soil, erect houses and open roads.

After the first harvest in the new world was gathered, in the fall of 1621, Governor Bradford sent men out to shoot wild turkeys, the women prepared a feast, and everyone thanked God for His kindness to them. Every year after that Thanksgiving Day was observed by the people of New England and in 1863 the President proclaimed that the last Thursday in November should be a joyful thanksgiving all over America and her colonies.

I am thankful for what we have raised and that my mother and father and sisters and brothers are here to help me rejoice and enjoy Thanksgiving Day.
Wallace, Kan. Erna Gilliam.

Let Us be Thankful, Too.

[First Prize.]
There was much confusion among the inhabitants of the little Pilgrim settlement of Plymouth on that November morning in 1621. Some, I imagine, forgot in their excitement to be on the lookout for those much dreaded Indians. The children danced and shouted for joy and rolled over and over again in the many colored leaves lying on the ground. From every log house came the delicious odor of pumpkin pies, roast turkey and other good things. Out of the woods that surrounded the little settlement came Indians bringing deer, corn and other things for the feast.

About 90 Indians came to the feast with their chief Massasoit. And such a feast as they did have! It lasted three days, but a good part of these three days was spent in giving thanks to God for His goodness. They thanked God for sparing what settlers He had from the terrible plague the winter before. They thanked Him for the good season and for the wild game. They also were thankful that they had been protected from the Indians.

If the Pilgrims could devote three days to giving thanks to God in those days, we could easily devote 10 or 12 days now for we have so much more to be thankful for than they had.
Hartford, Kan. Ruth Colglazier.

The Landing of the Pilgrims.

[Second Prize.]
The Pilgrims were people in England dissatisfied because they were not allowed to worship as they pleased. They left England and went to Holland, that queer country with its flapping windmills that ground the corn and pumped the water for the people. The Pilgrims were not satisfied in Holland so they sailed in 1620 in a ship called the Mayflower, for America. They arrived at Plymouth Rock on December 21, 1620 and Mary Chilton and John Alden were the first to land.

After a good season in 1621 the Pilgrims said: "God has been good to us. Let us appoint a day for thanksgiving." Everyone promised to do his best to make the day a merry and a happy one. Even the little children seemed to understand that they were to have a better time than usual and have more to eat. The men went to the forest to hunt for wild turkey and deer while the women baked bread, pies and cakes and the children were busy digging clams.

The Pilgrims invited some Indians with their chief Massasoit to the feast and 90 braves all dressed in their gayest robes and painted in their brightest colors came. The sunrise gun was fired and great fires were built early in the morning. Such a feast as they had! Clams, venison, roast turkey, wild grapes and plums, pies and cakes! The Indians had never seen such a feast and they enjoyed it greatly. When the table was cleared the Indians brought out a sack of popped corn. This pleased the children of the Pilgrims for they had never eaten any popcorn before. The great feast lasted three days and when the great Indian chief left he said: "God loves His white children best."
Bayard, Kan. Edwin Porter.

Pilgrim Means Wanderer.

There were no white men in America about 300 years ago and savage Indians owned all the land. After a while, however, white men began to come over. The people of England who would not worship as the king wished them to were severely punished so many of them left England and came to America to establish new homes and worship God as they pleased. These people were called Pilgrims which means wanderers.

The Pilgrims landed at Plymouth in December, 1620. The first winter in the new country was a hard one and many persons died from cold and hunger. Some of the Indians were friendly and showed the Pilgrims how to plant corn so the next spring they planted corn and had a good harvest. When winter came one of the Pilgrims said: "We shall have enough to eat this winter and we should thank God for His goodness to us. Let us have a day of thanks."

The Pilgrims decided to have a feast of Thanksgiving and invited several of the Indians to their feast. They got up early in the morning and went to church and the children could scarcely wait until time to go home and eat. They had a turkey dinner just as we do now except that their turkeys were wild. Everyone enjoyed the feast and when it was over they played games and had races.

I am thankful this year that I was promoted to the seventh grade. I am also thankful because I have two little kittens and a dog.
Colby, Kan. Mabel Horlacker.

The Pilgrims were Thankful.

The day before the first Thanksgiving Day the men hunted for the wild turkey and other game for the dinner. On Thanksgiving Day the people gathered together and went to church. They had so many things to be thankful for. Their crops had been good; the Indians had been kind to them; they had freedom of worship in the new world; they had survived many, many hardships; and God had showed His approval by prospering them. Everyone was joyful and thankful at the Thanksgiving dinner and after it was finished the children played games and had a merry time.

I am thankful that I have good parents and sisters and that we have so many advantages now that the people did not have in those days.
Caney, Kan. Lee McCall.

From a High School Girl.

Governor Bradford made provision for a day of rejoicing with praise and prayer in the fall of 1621 after the Pilgrims' first harvest. This day was spent in feasting, merrymaking and prayer. Some friendly Indians went with the white men to hunt for venison and wild turkey and the women prepared the meat and baked pumpkin pies, for the feast.

had raised some corn and built their little log cabins.

I am thankful that our country is not fighting with the European nations or with Mexico. My parents are living and I am thankful for that. I am thankful to be in a city high school and have my school friends and the enjoyable events that go with school life. I am thankful I can worship God without fear.
Esther E. Greenlee.
Grove City, Pa.

America was a Wild Country.

When the Pilgrims first came to America, they were without homes and there were no stores where they could buy food or clothing. This was a very wild country and the inhabitants were chiefly Indians. The Pilgrims had to carry their guns wherever they went to protect themselves from the wild animals and the Indians. The first winter was very cold and there was little to eat. They endured many hardships but they were brave and had faith that God would help them.

When spring came some kind Indians showed the Pilgrims how to till the soil, plant corn, barley and wheat, and how to build warm houses, so when the cool weather came again they had plenty to eat and warm houses to live in. The Pilgrims were so happy that they said: "Let us have a feast day and we shall all go to church and thank God for His kindness to us."

After the Pilgrims had returned from church the Indians came to visit them. They brought wild turkeys, venison and other good things and everyone enjoyed the feast. This was the first Thanksgiving Day. Our President sets aside one day of each year for thanksgiving to God for the many blessings He gives us.
St. Marys, Kan. Leo J. Seitz.

Everyone Helped.

The colonists had a hard winter when they first came to America. The next summer was a good season, tho, and their crops were abundant. The leaves had turned red, yellow and brown and some had fallen. The fruit and corn had been gathered and everything was made ready for winter. Then the colonists said: "We must thank God for all of these good things." So they decided to have a Thanksgiving Day. Each person was to help prepare the feast. The men were to hunt; the children pick berries; and the women do the cooking. The Indians that had been friendly were invited to the feast and they also helped with the preparations.

The day came at last. Everyone went to church first and thanked God for all He had given them. The sermon was long and the children would have gone to sleep if they had not been excited over the big dinner they knew was coming. Such a dinner as they had! Roasted turkey, pumpkin pies, roasted apples and big wooden bowls of popcorn.
Hepler, Kan. Katherine Winn.

Give Something Away

Said old Gentleman Gay, "On a Thanksgiving Day
If you want a good time, then give something away."
So he sent a fat turkey to Shoemaker Price. And the Shoemaker said, "What a big bird! how nice
And, since a good dinner's before me, I ought
To give poor Widow Lee the small chicken I bought."

"This fine chicken, O sec," said the pleased Widow Lee,
"And the kindness that sent it, how precious to me!
I should like to make some one as happy as I—
I'll give Washwoman Biddy my big pumpkin-pie."

"And O, sure," Biddy said, "'tis the queen of all pies!
Just to look at its yellow face gladdens my eyes!
Now it's my turn, I think; and a sweet ginger cake
For the motherless Finigan Children I'll bake."

"A sweetcake, all our own! 'Tis too good to be true!"
Said the Finigan Children, Rose, Denny and Hugh;
"It smells sweet of spice, and we'll carry a slice
To poor Little Lame Jake, who has nothing that's nice."

"O, I thank you, and thank you!" said Little Lame Jake;
"O what beautiful, beautiful, beautiful cake!
And O, such a big slice! I'll save all the crumbs,
And will give 'em to each little sparrow that comes!"

And the Sparrows they twittered, as if they would say,
Like old Gentleman Gay, "On a Thanksgiving Day,
If you want a good time, then give something away!"
—Marian Douglas in "A Book of Verse for Little Children," by courtesy of Thomas Y. Crowell & Company.

Raising Wheat and Mortgages

By Harry Burman

I don't remember now who started it. Either my grandfather or his brother got 160 acres of land out in southwestern Kansas from a railroad for a mere song. I don't believe you could have raised an umbrella on that place during the first ten years it was in the family's possession. With coaxing and sticking on the job all the time, a little wheat and corn would occasionally decorate the ground, but crops were certainly modest for many, many years.

Well, the place eventually came into my hands by right of kinship and by that time it was almost half as good sometimes as a regular farm in some other parts of the state. I was as poor as "Job's turkey." The wife and myself scraped out a hand-to-mouth living but it was enough to make a fellow despair and almost give up hope.

Things were at a crisis. The previous year I mortgaged the farm for money to take on a herd of two-year-old cattle. All kinds of things happened to that bunch of cattle. I wasn't equipped to take care of stock in the winter anyhow. I was in a deeper hole after my experiment.

The mortgage was one of those short-time, high-interest affairs. I saw my farm and everything slipping away from me. I couldn't borrow a red cent anywhere now.

It was rumored around that Zack Gordon who lived next to me had a big wheat increase the season before. Zack was not very neighborly with any of us and we didn't know very much of what was going on at the Gordon farm. One of Zack Gordon's hands told me that Zack had increased his wheat yield between four and five bushel per acre with some sort of machine that he used in spreading straw over the land. I couldn't find out much more and didn't try. If I had to wait for him to tell me how he increased his yield of crops, I would never know.

Things began to go from bad to worse. I couldn't sleep nights thinking of the impending disaster that stared me in the face. I had a vision of my wife and three kids being piled into a wagon with our household articles and rushed off the place. I could see that mortgage hanging over my head, ready to fall and crush all my hopes and ambitions. The days went on, weeks turned into months and I was just about ready for the madhouse. I passed Zack Gordon's place one day and saw Zack at work repainting his barn. The house was all finished and it looked fine. I also noticed that Zack had a silo in process of building and as far as I could see from the road, the place was about the best looking of any in the county.

I decided that something must be done and perhaps if I had a talk with Zack, I might get a few ideas that would help me out. So I resolved to let my pride fly to the four winds. I went up the lane to the Gordon place and when Zack saw me coming he laid down his paint brush and walked toward me. I was the first to speak and now as I remember the meeting, I confess my voice was none too strong. I was a little nervous, for it was years since I had spoken a word to the fellow.

"Hello Zack!" said I, "I see you are busy painting up things."
"Yes," answered Zack, "had a little time to spare and thought I had better fix up things while I had the chance and a few gallons of paint I got at a bargain price." Zack took me around and showed me where he was putting up the silo and back of the barn I saw some kind of an outfit fastened on the back of his hayrack. I asked Zack what the thing was. He said it was a straw spreader.

"A straw spreader! What's the idea?" I inquired. I had seen a manure spreader and had borrowed one a time or two, but this straw spreader was

a new one on me. Unlike most farmers, I did not take a farm paper and had seldom read one. I used to think the fellows that print farm papers were a lot of students who knew little, if anything, about practical farming.

"Sure, that's a straw spreader," continued Zack, "and it means a lot to me for it increased my last yield of wheat almost five bushel to the acre. My land is like yours. It dries up and blows away every now and then. It needs fertilizer and moisture, too. Straw is really worth \$3.00 a ton and is going to be worth a lot more. Straw is full of potash and other fertilizing properties."

"Is that so?" was my only comment, but he had set me to thinking.

In a few days I was over to Zack Gordon's place to watch the thing work. He hitched up and spread a big stack of straw in one afternoon. He spread it on land that was already seeded to wheat. I had always burned my straw because I figured it was the easiest way to get rid of it. I walked over the ground where Zack had spread his straw and found that it was even and uniform and averaged about the right thickness. It was certainly a fine job of spreading. It was a "Perfection" spreader.

I went home thinking that the test would be a month later when the winds got up as they do in that section of the country in the early fall. I went over again to see the result, but I found that the straw held the soil together like it does bricks or hair does plaster. There was no soil blowing to speak of and for the first time in years. The strawed

ground was also holding more moisture for the growing crops. I figured right then and there that if straw wasn't good for anything else it was worth the trouble of spreading just for this.

After his wheat was up about three inches, I went over to see Zack again. To make the story short, I never saw wheat look finer in my life the next spring, and when harvest time came around his increase over the year's crop before he spread straw, was over five bushel an acre, and even beat his last crop which was a record. He had raised eleven bushels an acre off of that field and the first year after he got his spreader, he got over fifteen. This year it made better than sixteen. The field had 80 acres. So I guess over 400 bushel of wheat more than any year before wasn't a bad profit.

That fall I bought a "Perfection" Straw Spreader. I got an extension on the mortgage and things looked brighter. I decided to give it a good trial. I put my whole 80-acre field in wheat and spread straw over the field as a mulch. Then I spread some straw and barnyard manure over forty acres of grass. I bought three stacks of straw from a neighbor and spread it. In about a week some of my neighbors began to drop in to look my spreader over. Some of them offered to pay me \$5 a day if I would come over to their places and do some spreading. They had learned the truth about Zack Gordon's big increase. I made over half the price of my spreader in a week's time, spreading straw for my neighbors.

One year after I got my straw spreader I was a different man. Every straw that touched the ground was like a fairy's magic wand. That 80-acre wheat field—say, honestly I never saw or heard anything like it. The profit

from that year's work put me on my feet. My soil didn't blow away—it kept moisture better than I ever hoped it would and the total value of my crops was just \$425 more that first year I used the "Perfection" than it ever was before. It was the talk of the farmers all around.

* * *

At this writing the mortgage on my farm is paid off. I own my own implements. I am now regarded as a successful farmer. Of course I am not saying that a straw spreader did it all. It took a little work, a little planning and a little attention to business on my part. But the straw spreader did give me a start.

The low price, ease, simplicity and durability of the "Perfection" Straw Spreader make it something that no farmer can afford to be without. It is making me \$500 a year in hard cash. If you want to know what it will do for your land just write to the people who make it—the Union Foundry & Machine Company at Ottawa, Kan., and ask them for one of their free books on straw spreading and fertilizing. My land is worth about \$10 an acre more than it was a while ago. I wonder why? I could sell my farm now for a good round sum and get it all in cash. And it was only a short while ago that my farm was the joke of the neighborhood. Now my wife and kids are happy and have clothes and comforts like other folks. Incidentally the same banker who once turned me down for a loan of \$50 has just offered to loan me the money to buy the Zack Gordon farm. Wife and I think we can clear it in three years—guess we will make the deal. It is nearer town and the house has a furnace, a bath room, and other modern conveniences.—Advertisement.



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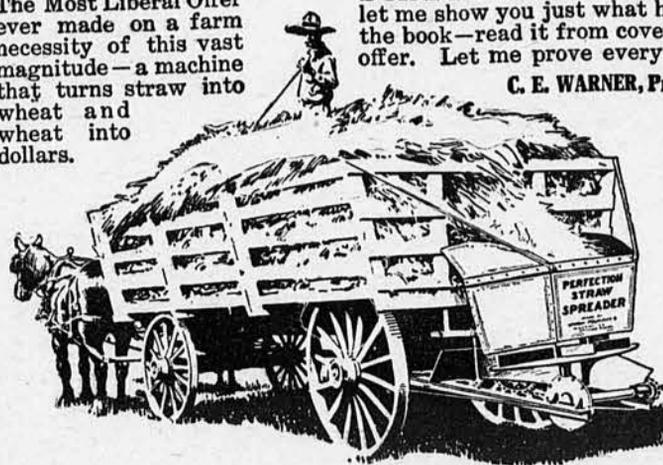
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While they last we will send four of these lovely booklets to all who send 30 cents to pay for a new or renewal subscription to the Household, the big story paper and family magazine. Send order now and make sure of early delivery. Address, Household, Dept. X85, Topeka, Kansas

Men Must Learn to Carve

Father's Star Performance Comes on Thanksgiving Day

BY LUCILE BERRY WOLF

IN THE dear dead days beyond recall a fowl could be cut up out in the kitchen without creating any unfavorable comment, but today it must be done before the assembled guests. No use growling about it, Mr. Man; if you can't do it already, Thanksgiving is a good time to learn. Whether there's turkey or chicken, you'll find it wise—nothing gained by talking back, there's only one side to this case—you'll find it wise to sharpen the carving knife and start in.



The man who does the carving has some rights. He has a right to a keen edged knife—it should be sharpened well in the kitchen but never at the table—a tender fowl and a hostess who can keep a lively conversation going while he performs his task. If you ever have tried to carve for a large circle of guests and experienced the gloom of expectant silence, you know the feeling. You've been at dinners sometimes—who has not?—where every one of the guests fairly ached to reach out and rescue a drumstick, to hold the chicken on the platter, to sit on it, step on it, throw it out the window. Right there the good wife should have been telling of little John's latest prank, of the day the family went to visit the Goddess of Liberty and boarded the boat bound for the high seas, of the time Henry prepared a paper for the Farmers' institute, of the letter Jane had written from college telling—well, she should have been talking about love, war, politics, clubs, fashions; children, anything under the wide skies. It's part of a woman's mission in the world, this talking, and she should practice it until she can do it with ease and grace when it's needed.

Give a Man a Chance.

One thing that has discouraged many a brave heart who determined to tackle the carving business is a tiny platter just large enough for the turkey or chicken to rest on in peace and comfort. You can't blame the carver if the drumstick took a spin around the mashed potato dish; the platter wasn't large enough. It must have plenty of size to allow for a little slipping, for even the best of chickens do that occasionally. The platter should be hot, too, to keep the meat from becoming chilled while being served. It is well to have a separate plate near on which the trimmings, bones and extra stuffing may be placed. This gives more room on the platter.

One should learn to carve without rising. It is best to have some idea of the position of the bones of the fowl. The turkey should be placed on its back with the legs at the right of the platter. Introduce the carving fork firmly across the breastbone, holding the handle with the left hand. With the carving knife in the right hand, cut thru the skin between the leg and the body keeping close to the body. Pull back the leg and disjoint it from the body with the knife. Cut off the wing on the same side of the fowl, then cut off the leg and wing on the other side. Carve the breast meat in thin slices, always cutting across the grain of the meat. Even very tender meat will seem tough if cut with the fibre. Lay the slices on the plate with the better side up. Insert the knife just in front of the breastbone and cut backward to the joints of the neck to remove the wishbone. Press the bone back to the neck and disjoint at these points. A good carver does not take the fork from the fowl until this much of the carving is finished. Cut the second joints from the drumsticks. To make an opening to remove the stuffing, cut in just below the breastbone.

The plates should be stacked in front of the host before he begins carving. As a plate is filled, he passes it to the guest nearest him on either side who passes it on. If you wish, you may ask every guest his preference as to portions

of the fowl, but this is not necessary. Serve all as equally as possible and see that light and dark meat both are put on every plate. The host may serve the potatoes as he fills the plates or pass the plates on to another member of the family sitting next to him to attend to the potatoes. It is the further duty of the host to watch the plates and when they are nearly emptied, without a word from his wife, he should offer every guest a second serving.

Pumpkin to be Thankful For

Pumpkin-Date Pie—One pint of pumpkin pulp, 1/2 cup of sugar, 1/2 cup of chopped dates, 1/2 teaspoon each of cinnamon, allspice, ginger, and salt, 1/4 teaspoon of grated nutmeg, 1 cup of cream or rich milk and 2 eggs. Blend all the ingredients to a cream, folding in the well beaten egg whites the last thing. Pour into crusts and bake. Serve cold with a layer of whipped cream on top flavored with vanilla and dotted with a few candied cherries. These pies can be made in the form of small patties.

Cocoanut Pumpkin Pie—One pint of pumpkin pulp, 1 pint of good milk, 3 eggs, 1/2 cup of grated cocoanut, 1 tablespoon of butter, 1/4 teaspoon of salt, 1/2 teaspoon each of mace and ginger, 1 teaspoon of vanilla. Mix the ingredients together thoroly. The whites and yolks of the eggs should be beaten separately. Pour into pastry lined tins and bake.

Escalloped Pumpkin—After the pumpkin has been peeled, cut it up into small squares. Place 3 tablespoons of butter in a saucepan; when it is melted add the pumpkin and cook until tender; season to taste with salt and pepper and a little sugar. Place a layer in a buttered baking dish; cover with grated cheese and buttered bread crumbs; add another layer of pumpkin and top off with the cheese and crumbs. Brown in a moderate oven.—Mother's Magazine.

Write a Christmas Letter

What was the happiest Christmas you ever spent? Was it back in your little girl days when Santa Claus brought the big doll with real hair and eyes that went to sleep, or the time years later when somebody dearer than Santa put the new diamond on your engagement finger? Let's have a Christmas experience meeting here on the Woman's page and tell one another all about it. Perhaps you would prefer to tell about your most unusual Christmas, or the most

successful Christmas entertainment you ever helped get up, or the funniest experience you ever had at Christmas time. Real names will not be signed to any of the letters if you prefer it that way.

There will be \$1 in cash for the first prize and a card recipe and filing cabinet for the second. This cabinet is made of wood and contains a card index with blank cards for accounts or memoranda and other cards bearing tested recipes. You'll find it one of the handiest things in the house. There will be five other small prizes for good letters. All letters must be in by December 12. Address the Woman's Page of the Farmers Mail and Breeze, Topeka, Kan.

Candy Some Cranberries

Candied cranberries are a cheap and easily made substitute for candied cherries. They give a pretty touch of color to cake icings, whipped creams and custards and may be used like citron in cakes and puddings or chopped and added to ice cream. The secret of successful candying lies in slow cooking on the installment plan in a pan large enough to permit the berries to float on top of the sirup. As the skins are tough it is necessary to pierce every berry in one or two places with a sharp penknife to let the sirup into the pulp.

For 1 1/2 cups of berries make a thin sirup by boiling together 2 cups of sugar and 2 1/2 cups of water until clear. Cool and add the berries and bring slowly to the boiling point. If they are heated too quickly the skin will burst before the sirup soaks into the pulp. As soon as it boils, remove from the fire and let the berries stand in the sirup over night. Drain off the sirup next day and boil down to about half its first volume. Cool, add the berries, heat slowly and boil for 3 or 4 minutes, then let stand 2 hours or more and boil gently again for 5 minutes. A smaller dish probably will be needed this last time. Let the berries stand in the sirup over night, then drain and spread the berries on a lightly buttered plate or a sheet of waxed paper until the surface dries. The berries should candy separately and not in a sticky mass. Half a cup of the candied berries with 1/4 cup of candied orange peel to a quart of cream mixture makes a delicious ice cream. The sirup left from candying has a pleasant flavor and may be used for pudding sauces or diluted and used on pancakes.

A New Suffrage Slogan

"Ballots for both" will be the new slogan of the National American Woman Suffrage association. This slogan was selected as the best of many thousand submitted in a contest recently held by the association and won a prize of \$25 for its originator, Dr. Eleanor M. Heistand-Moore of Philadelphia. The judges in the contest included Edgar Sisson, editor of the Cosmopolitan, John O'Hara Cosgrave, editor of the New York World and Robert Davis, editor of Munsey's Magazine. It is to be hoped that the new slogan will help win many victories for woman suffrage.

One teaspoon of pulverized alum will settle a tub full of roily water.

The Flavor Lasts—

In the making of Grape-Nuts there is added to the sweet, rich nutriment of whole wheat, the rare flavor of malted barley, a combination creating a most unusually delicious taste. The palate never tires of it.

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Every table should have its daily ration of Grape-Nuts.

"There's a Reason"

The New Handbags

Handbags made of ribbon, satin, brocade and velvet are very popular for evening, or to carry to church or afternoon affairs. Tops and chains may be bought for a small sum at any department store or the bags may be drawn up with gold or silver cord. The pattern,

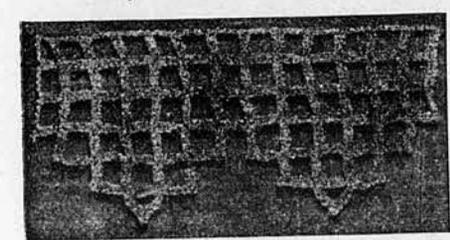


7457, is cut in one size and includes five bags. It may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents.

That Square Mesh Edge

Several women who have tried the square mesh edge published on the Women's page several weeks ago report the directions were incorrect. They are given here as they should be. Begin with a chain (ch) of 9, turn by making a slip stitch (sl st) in the ch nearest hook and put 13 single crochets (sc) over the ch, ending with sl st in first st of ch.

1st row of squares—Ch 9, fasten in 4th sc of 1st row, 3 sc over ch, ch 6, sl st in 8th sc of 1st row, 3 sc over ch, ch 6 and sl st in last st of 1st row. Ch 2, sl st back into 1st st of ch as when making a picot. This makes a sharp corner. Make 3 sc over ch.



2nd row of squares—Ch 12, sl st in 1st st of ch and cover with 12 sc, making a ch st every 3rd sc to insure sharp corners, 3 sc on ch in preceding row, sl st, ch 6 and fasten back into the top of the square by a sl st into the last ch between the 12 sc. Cover ch with 6 sc making 1 ch between the 3rd and 4th sc for corner, 3 sc over ch of preceding row, ch 6 and fasten back with a sl st into the ch st at corner of square, 3 sc over ch, ch 1 for corner, 3 sc, sl st, 3 sc on ch in preceding row, ch 6, fasten at corner of last square, 3 sc over ch.

3rd row of squares—Same as 1st row of squares to the end of the 4th square, then ch 9, fasten, and cover with 9 sc as 1st square in the 2nd row.

4th row of squares—Ch 9, sl st to upper right hand corner of last square, 3 sc over ch, ch 5 and fasten in the sl st at bottom of the square, 3 sc on this ch of 5, picot, 3 sc on ch, fasten with sl st to top of square and finish the same 2nd row of squares.

Two Days to Bread Making

BY MRS. DORA L. THOMPSON
Jefferson County

It seems an interesting coincidence that a few days after we wrote about delaying the rising of our bread while we went to town, Nellie Kedzie Jones in the Country Gentleman said that many readers had protested against the burial

of the bread sponge in the garden. Some had suggested that the hired man tend the bread. Others suggested that the pan be placed on the cellar floor, lightly covered. That would be the same as our method. We succeeded so well that we have adopted the two-day plan for the present. Everyone knows how difficult it is to keep dough warm enough so that it will rise quickly these cool mornings. And rise quickly it must or it can't be baked until late in the day.

Most housekeepers do not have four little ones to dress or assist in dressing in the morning. But for all women, the morning is likely to be the busiest time of the day. We welcome any suggestions that lighten our morning chores. That is one reason why we have changed our old ways of making bread. We now put a yeast cake to soak in a cup of tepid water about noon. We save the water in which the potatoes have been boiled and add to it two or three potatoes well mashed.

When the potato water is cool enough we mix in the soaked yeast cake, 2 tablespoons of sugar and flour. In the warm kitchen this will be as light as anyone would wish by supper time. We mix this sponge into dough, either before or after supper by adding more water, salt, 2 tablespoons of lard, and flour enough to prevent sticking to the kneading board. The dough rises slowly during the cool night and is ready to be worked down in the morning. As the room is warm, it rises much more quickly the second time, so one can easily have the bread baked by 11 o'clock.

Silver left in whey, we have often been told, will come out bright and shining. It seems that sour milk or whey will also clean enamel ware. A friend related an experience as an illustration. She said she was making some caramel frosting when she was called out of the room. On her return she found the sugar scorched and hard in the bottom of a very nice white enamel pan. It didn't seem possible to remove the sugar without chipping the enamel so she gave the pan to a neighbor to use in watering her chickens. The neighbor kept it filled with sour milk. One day when she was washing the pan, the burnt sugar came off leaving the enamel as white and smooth as new. Yes, since the neighbor was her mother, the young woman took the pan back home. She profited by the experience. The inside of her white enamel water pail had a coating of rust from a rusty dipper. Scouring powders failed to remove it, but sour milk in three or four days made the interior of the pail as white as it was to begin with.

At our school district Hallowe'en party there was one tray of doughnuts of such excellence that many of us urged the young woman who made them to give her directions. She said her recipe had come originally from the Kansas State Agricultural college. The doughnuts were certainly excellent; they were light and rich, too, without being greasy. The following is a copy of her recipe: One teaspoon of salt, 1/2 teaspoon of cinnamon, 4 teaspoons of baking powder, about 4 cups of flour, 1 egg, 2 tablespoons of melted butter, 1 cup of sugar, 1 cup of milk. Sift the first four ingredients together. Beat the egg, add the sugar and melted butter and milk. Beat the two mixtures together. Toss on well floured board, knead lightly and roll.

Mrs. Addie Vance of Republic county, a most successful cook, has sent us the following doughnut recipe. From trial we can highly recommend it. It would appeal to the cook when she had only sour milk.

One cup of sugar, 3/4 cup of sour cream, 1 teaspoon of soda, 1 cup of sour milk, 3 eggs, and flour enough to roll quite thin. Season with nutmeg and fry in very hot fat.

We often have made doughnuts, using mashed potatoes with eggs, sugar, flour and spices. We thought this variety better for small children than a very rich mixture. At present, we have misplaced the card of directions.

Harvest Song

Summer is gone, autumn is here,
This is the harvest of the year.
Corn in the crib, oats in the bin,
Wheat is all threshed, barley drawn in.
Carrots in collars, beets by their side,
Full is the hay-loft, what fun to hide!
Apples are barreled, nuts laid to dry,
Frost on the garden, winter is nigh.
Father in Heaven, thank Thee for all,
Winter and springtime, summer and fall.
All thine own gifts to Thee we bring,
Help us to praise Thee, our Heavenly King.
—Lydia A. Coonley.



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What Shall I Do, Doctor?

BY DR. CHARLES LERRIGO.

Beware the Cat.
Pussy cat! Pussy cat! Where have you been? Over the way where the red card is seen. Pussy cat! Pussy cat! What did you there? I caught some fine germs and I'll give you your share.

A well-grounded suspicion that cats, dogs and other household pets may be just as dangerous as the rat and other known agents in spreading contagious diseases is taking firm growth in the minds of public health men. Does it mean that we must abolish our old friends, the family cat and the faithful dog? I am not prepared to go that length, but I think we can and should restrict the degree of their familiarity. Train the children to avoid the unnecessary contact that is often practiced, such as nursing, fondling and even kissing the animals. Have an outdoor shelter for them and see that they are confined rigidly to it on the slightest appearance of illness. It is positive that cats and dogs spread parasitic diseases such as ringworm; there is little doubt that they spread influenza, and it is quite probable that other diseases such as diphtheria should go on the list. The safe plan is to let the children spend their instinct for petting on inanimate objects that may be handled in safety to health. Cats and dogs are fine in their place, but that place is not the arms or lap of a little child.

Infantile Paralysis.

Infantile paralysis will continue to be a live subject just so long as there is danger that it may come near our own dwellings. A report issued at the end of October shows that the epidemic in New York is about over. Prior to October 1 there had been over 12,500 cases in New York, city and state, but in the week ending October 28 there were only 103 new cases reported in that territory. A review of the epidemic shows that it has been mostly within the states of New York, New Jersey, Connecticut, Massachusetts, Minnesota, Pennsylvania and Illinois. Very few states have escaped entirely. Kansas has had 80 cases, Nebraska only 14, Texas 63, Oklahoma 24, Missouri 11 and Colorado only 10. Whether the states of the Middle West will receive the epidemic wave next year is an anxious question. The only thing you can do about it is to keep your children in as good general condition as possible by encouraging a sensible, hardy life; keep your premises in a good state of sanitation; look to your window and door screens this winter to make sure that they will act efficiently when the summer visitation of flies occurs; and stay away from districts known to be infected.

Finger Nails Sore.

Have had trouble with my finger nails for several years; now getting so bad they interfere with my work. It began with the thumbs becoming red and swollen around the back of the nails. There is an intense itching at times; seems to be at the root of nails; then gets painful and next morning pus oozes from between the back of nail and flesh or can be pressed out; then gets better for a day or so, then the same thing over. The nails are rough and thick and part of my nails are loose from the top half way back. They are very painful after joining a big washing, and at times the skin becomes dry and white and can be scaled off around the nails. Have tried liniments, salves, also poulticing but get no benefit. Please tell me what to do for it as I must work with my hands doing housework, baking bread and the like for a large family.
M. B.

The trouble seems to be onychia, probably of the simple form since you are otherwise well. Use peroxide of hydrogen to get rid of the pus, then dress the nails with powdered boric acid, pushing the powder in around the nails where possible. At night apply a compress of boric acid and water. Where this condition is due to eczema of the nails much relief is obtained by wrapping the ends of the fingers in an ointment of salicylic acid, half dram to the ounce.

It's Partly Habit.

I am 13 years old and have been troubled ever since infancy with bedwetting; troubled only at night.
A. C.
I have answered this question several times, but for a boy who is sufficiently interested in getting well to write for himself, I will repeat. Since you can hold your urine excepting at night it is likely that your trouble is partly habit and partly nervousness. Have a doctor examine you to see if you need circumcision and also examine urine as to

acidity. When going to bed at night void your urine, and make up your mind that you will wake and get up if the necessity arises again. Lying on the back is the worst position, so tie a towel around you with a good, hard knot tied in the back. Have the foot of your bed raised about 10 inches. Make a practice of taking a cold sponge bath every morning when you get up. Drink plenty of fresh water, but none after supper. You can conquer this habit if you keep up the fight.

Operator's Cramp.

I am 60 years old. Was a telegraph operator for about 25 years but quit 12 years ago. While working at that trade I got what is known as operators' paralysis or writers' cramp in my right arm. It bothers me much as at times can hardly sign my name, my hand is so unsteady. Some told me absolute rest might cure it. I am on a farm now but do not work hard much of the time, but it does not improve. Can hardly trust myself to handle a cup full of water, my hand trembles so. My left hand is as steady as ever. Very little pain in the hand or arm and for anything like heavy work it does not bother me, but in writing or handling knife and fork or cup at the table it annoys me much. What can I do for relief if anything?
J. W. C.

Drugs are valueless for this condition. Absolute rest is the best prescription, but you waited too long before taking it. You can improve your condition by re-educating the muscles and the nerve centers that control them. You understand, no doubt, that these "craft palsies" are essentially due to the wearing out of the nerve centers. It is found that exercises in which you make the well hand go thru exactly the same performance at the same time as it is attempted by the affected one, are very helpful in gaining control. For instance take an ordinary pen in the well hand, and in the other a pen having its handle enlarged so that it can be grasped despite the palsy. Then for three minutes make both hands undertake the same process of writing lines, letters or figures. Then follow for three minutes with the exercise of opening and shutting the fingers, and follow this with an exercise in grasping a bar or something similar, all the time making the hands go thru the motions simultaneously. These exercises persisted in twice daily will give you a good measure of control, as much as you can expect at your age.

Nose Trouble.

The middle turbinate bone of my nose became enlarged until it completely closed the nostril, at the same time closing the tube of one of the sinuses so it could not drain, causing it to become infected. Last spring I had the turbinate bone removed and the pus drained out of the sinus, in fact had the sinus drained and washed out 11 times. It got much better, and thru the hot summer weather did not seem to trouble me much, but lately since the weather is changeable it is much worse. It causes me to have much headache thru my temples and thru my ears, and even toothache, altho my teeth are sound. I seem to be very nervous. Can this sinus be cured? Would the sea coast air help me?
MRS. M. F. D.

Chronic suppuration of the nasal sinuses is sometimes difficult to cure because the infection may spread from one sinus to the other until all are infected, and also the antrum, which is the large cavity beneath the cheek. The only treatment is a surgical operation that will give you complete drainage. It is important to have the work done by a doctor of wide experience who will do a thoro job. I fear that sea coast air would not help you much without the surgery.

Boils on Neck.

I have boils all over the back of my neck and pimples on my face. I have been treated by a doctor two months but with no improvement. My bowels move regularly every day. Will you kindly help me to get rid of these ugly things?
S. J. B.

Where boils are so numerous the condition is known as furunculosis and seems to be due to a lowered resistance to the infection of the pus germs. Ask your doctor if he does not think vaccine treatment will help you.

See Your Doctor.

I have had malaria in hot weather for the last 10 years. Could break it up every time until this year. Every other day I feel fine. The next day between 9 and 10 o'clock a low fever rises. Makes me nervous and weak. My head is all bumfussed. Can't remember or decide on anything.
WM. A. M.

Local conditions often demand special lines of treatment such as can be understood only by the man who is on the ground. I present this letter because it is a sample of many that come to me presenting cases to which I can give nothing but my sympathy and the advice to see a good local doctor.

Under a new war law in France uncultivated lands are being assigned to families who are to use them in raising foodstuffs.

Another Champion Loses

Another county champion checker player lost his crown last week when A. H. Johnson of Anness took the title from William Parham, champion of Sedgwick county. Here is Mr. Johnson's letter:

Checker Dept. Farmers Mail and Breeze. Gentlemen: This is to inform you that I have won the championship of Sedgwick county from William Parham of Cheney. I was able to win three games straight. I am sure that the rules for the championship which you give in the Farmers Mail and Breeze of November 4 are not exactly fair; instead of playing three games it should be an even number of games, as that would give each player the chance to play his favorite opening move the same number of times as his opponent, say four games, but 10 games are generally played to decide the championship of most contests, and then in case of a tie play, even games until one has the advantage in number of wins. In the contest with Mr. Parham we played 16 games. However I lost but two and played no draws. A. H. JOHNSON.

Sedgwick County. Mr. Johnson undoubtedly is well versed in the game, but will he be able to defeat all worthy challengers until January 31, 1917?

Until the number of games that the champion is to play challengers is decided, the title holders may announce the number of games they care to play. Most of the champions shown in the following list are business men and cannot devote too much time to playing.

If you have a good checker player in your city or community, give him a little practice and have him call on the champion—shown in the following list—and perhaps bring the honor of being champion home with him. Play a few games at home and with your neighbors, and you will find that there are a number of persons in your county that know enough about checkers to play with the champion.

Following is a list of the champions who are ready for all challengers:

- Allen Co., Roy Cox, Savonburg. Anderson Co., Nan King, Garnett. Barton Co., Leland Morris, Pawnee Rock. Brown Co., S. Thompson, Fairview. Butler Co., Geo. W. Lyon, Eldorado. Chase Co., Pete Rodecker, Cottonwood Falls. Chautauqua Co., James Jack, Chautauqua. Clay Co., Jesse Dever, Clay Center. Cloud Co., A. E. Abbott, Concordia. Coffey Co., A. T. Stewart, Gridley. Comanche Co., Judge Comoughton, Coldwater. Cowley Co., A. H. Moor, Arkansas City. Decatur Co., Wm. Hollister, Norcatur. Dickinson Co., Dr. J. N. Kitchersid, Hope. Doniphan Co., Leroy Sandy, Troy. Douglas Co., Mayor J. W. Francisco, Lawrence. Ellis Co., Albert Devore, Gorham. Edwards Co., Walter Wedge, Kinsley. Ellsworth Co., Tony Matouch, Lorraine. Ford Co., H. Heiland, Bucklin. Franklin Co., A. M. Peel, Richmond. Geary Co., Dr. Yeats, Junction City. Gove Co., F. B. Strong, Gove. Graham Co., O. B. Kackley, Hill City. Gray Co., Seth Clover, Cimarron. Greenwood Co., Mrs. J. Hollister, Quincy. Hamilton Co., J. E. Allison, Syracuse. Harper Co., Hank Dryden, Harper. Harvey Co., Grant Johnson, Newton. Haskell Co., T. J. Harrell, Santa Fe. Jackson Co., Duke Wagner, Holton. Jewell Co., Wm. Loomis, Ionia. Johnson Co., Chas. Marshall, Gardner. Kearny Co., Harry Henry, Lakin. Kingman Co., W. O. Cook, Spivy. Kiowa Co., Ben Fullerton, Greensburg. Labette Co., Clarence Murray, Parsons. Lane Co., H. C. Smith, Alamota. Leavenworth Co., Wm. Hammond, Basehor. Lincoln Co., J. B. Bishop, Lincoln. Lyon Co., T. J. Atchison, Emporia. McPherson Co., John A. Davis, McPherson. Marshall Co., T. C. Randolph, Marysville. Meade Co., R. E. Thoman, Fowler. Miami Co., Nate Jackson, Paola. Montgomery Co., Thos. Wittman, Coffeyville. Morris Co., R. Sunter, Wilsey. Nemaha Co., J. J. Baser, Seneca. Neosho Co., Charlie Huffman, Chanute. Ness Co., Judge A. S. Foulks, Ness City.

- Norton Co., C. D. McWilliams, Norton. Osage Co., H. M. Halleck, Burlingame. Osborne Co., A. B. Dillon, Alton. Ottawa Co., Dr. J. M. Coulter, Minneapolis. Pawnee Co., E. E. French, Larned. Phillips Co., R. A. Woodward, Gretna. Pottawatomie Co., Elmer Samuelson, Postoria. Republic Co., Prof. Ed. Stafford, Cuba. Rice Co., Lester N. Six, Lyons. Riley Co., Dan Baird, Randolph. Rooks Co., E. E. Reynolds, Plainville. Russell Co., Theodore Gibbs, Fairport. Saline Co., Walter Green, Salina. Scott Co., O. D. Card, Scott City. Sedgwick Co., A. H. Johnson, Anness. Sheridan Co., E. L. Gregg, Hoxie. Sherman Co., Geo. Murray, Sr., Goodland. Smith Co., James Sullivan, Lebanon. Stafford Co., Geo. Mueller, Hudson. Thomas Co., Charles Trompeter, Levan. Trego Co., Jas. E. Evans, Wakeeney. Wabaunsee Co., Dr. F. J. Warner, McFarland. Washington Co., Bert Menefee, Washington. Wichita Co., Hugh Glenn, Leoti. Wilson Co., L. H. Porter, Fredonia. Woodson Co., Dave Bowen, Vernon. Wyandotte Co., Chas. Buckhalter, Fire Dept. No. 7, Kansas City.

Institutes for December

The extension division of the Kansas State Agricultural college has announced the dates for the fourth circuit of farm and home institutes. The towns and speakers are:

- December 12 and 13, Lawrence; December 14 and 15, Ottawa; December 16, Linwood; December 18, Jarbalo; December 19, Basehor; December 20 and 21, Tonganoxie; December 22 and 23, Lenexa. Speakers: Carl P. Thompson, animal husbandry; C. A. Scott, state forester, at Lawrence, Ottawa and Linwood; and George E. Bray, industrial engineer, and I. N. Chapman, county agent of Leavenworth county, at Jarbalo, Basehor, Tonganoxie and Lenexa. December 11 and 12, Garden City; December 13, Lakin; December 14 and 15, Syracuse; December 16, Johnson; December 18, Richfield; December 19, Elkhart; December 20, Hugoton; December 21, New Ulysses; December 22 and 23, Santa Fe. Speakers: G. E. Thompson, crops; L. H. Gould, district agricultural agent Southwestern Kansas; and Miss Minnie Sequist, home economics. December 11 and 12, Soldier; December 13 and 14, Horton; December 15 and 16, Denton; December 18, Goff; December 19 and 20, Oneida; December 21, Bern; December 22 and 23, Seneca. Speakers: George S. Hine, state dairy commissioner, and Albert Dickens, horticulture, will speak at Soldier, Horton and Benton. Otis E. Hall, state leader of boys' and girls' club work; W. S. Gearhart, state highway engineer, and J. D. Lewis, county agricultural agent of Nemaha county will speak at Goff, Oneida, Bern and Seneca. December 11 and 12, Jetmore; December 13, Burdett; December 14, Garfield; December 15 and 16, Kinsley; December 18, Offerle; December 20, Lewis; December 21, Belpre; December 22, Maoksville; December 23, Huntsville. Speakers: T. H. Parks, specialist in entomology, and Miss Stella Mather, home economics. December 11, Maize; December 12, Clearwater; December 13 and 14, Conway Springs; December 15, Harper; December 16, Caldwell; December 18 and 19, Inman; December 20 and 21, McPherson; December 22, Moundridge; December 23, Canton. Speakers: George O. Greene, horticulture, and N. L. Harris, poultry specialist. V. M. Emmert, county agricultural agent of McPherson county will speak at Inman, McPherson, Moundridge and Canton. December 13 and 14, Hill City; December 18, Oakley; December 19, Winona; December 20 and 21, Wakeeney; December 22, Ellis; December 23, Bunker Hill. Speakers: W. A. Boys, district agricultural agent, and Miss Louise Caldwell, home economics. P. E. Crabtree, district agricultural agent, will speak at all the towns named excepting Hill City.



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by advertising. Everyone knows that so well that it isn't necessary to insist upon it. We are not arguing that you will make a fortune by advertising in Farmers Mail and Breeze. But we do claim that there is no reason why you should not do what others are doing, add substantially to your income by advertising in the columns of this paper and we are not sure you may not find yourself on the way to a fair fortune. Look over our advertising columns, the display and the classified columns. You know what our readers buy that you have to sell, poultry and eggs for hatching, hogs, cattle, horses, land, seed corn and good seeds of about every kind. One man sold \$3,000 worth of seed by spending \$5 for advertising space in one of the Capper Papers. That is an extreme case, of course, but there is a big market for what you have to sell. Our readers will furnish the market. Rates are given in this paper. They are low for the circulation. If the rates are not clear to you ask us for them, addressing Advertising Department, Farmers Mail and Breeze, Topeka, Kan.

For Better Rural Engineering

The Kansas State Agricultural college will offer short courses in rural engineering this winter. They will start January 8 and close March 21. The short courses include instruction in traction engines, shop work, concrete construction and road building for those who have not the preparation, time, or means to take a regular college course. The course in traction engines includes instruction in the handling, repair and manipulation of steam traction engines, gas engines, gas traction engines, blacksmithing, machine shop work and drawing. Opportunity also is given to take electives in agricultural subjects such as crops, livestock and farm management. Students desiring electives in electricity, carpentry or power farming machinery will be given an opportunity to take such subjects.

The short course in concrete construction is designed for builders, contractors, farmers and others who wish to do their concrete work. The short course in shop work is intended for those who wish to gain a working knowledge in general shop practice. This course includes instruction in blacksmithing, foundry, shop work, carpentry and wood turning.

A short course also is offered in road building, irrigation and drainage for the benefit of county engineers and surveyors.

The popularity of these courses is illustrated by the fact that the enrollment during the winter term of 1916 in the rural engineering courses was about 200, as compared with less than 100 during 1915. Letters received from farmers in such short courses indicate that one can greatly increase his earning capacity and his usefulness on the mod-

When You Build a Home

"I would have our ordinary dwelling houses built to last," said Ruskin, "and built to be lovely; as rich and full of pleasantness as may be, within and without, with such differences as might do to express each man's character and occupation and partly his history. When we build, let us think that we build forever. Let it not be for present life, nor for present use alone; let it be such work as our descendants will thank us for, and let us think, as we lay stone on stone, that a time is to come when these stones will be held sacred because our hands have touched them, and that men will say as they look upon the labor-

Success from Study by Mail

If you were to take up some special study this winter, for instance a correspondence course, what should you choose? Excellent work has been done in this line by both the correspondence study service of the agricultural college and by the regular correspondence schools. This system of instruction provides a good means of carrying information to persons who cannot leave home to get the benefit of classroom work.

The Farmers Mail and Breeze would like to get letters on this subject from its readers. If you have taken work of this kind, tell us about it. For the best letter on this subject the Farmers Mail and Breeze will give a copy of the Farmers Cyclopedic of American Agriculture; this is a book of 619 pages by E. V. Wilcox and C. B. Smith. The prize for the second best letter will be The Potato, a book of 545 pages by E. H. Grubb and W. S. Guilford. The Young Farmer, some Things he Should Know, a book of 280 pages by Thomas F. Hunt, will be the third prize. Address all letters to The Editor, The Farmers Mail and Breeze, Topeka, Kan.

ern farm by spending 10 weeks at the college. Full information in regard to these courses can be obtained from A. A. Potter, dean of engineering, Kansas State Agricultural college, Manhattan.

The Useful Dynamite

Dynamite can now be called the farmer's extra hired man. There was a time when farmers were distinctly distrustful of this kind of hired man, but after fuller acquaintance the progressive ones put him on their pay roll. Road builders also have found that dynamite is an exceedingly efficient assistant, one that doesn't lay off after every pay day, and one that doesn't lose his temper except after great provocation.

The farmer, at first, was willing to admit that dynamite might be useful for removing boulders and stumps, and later admitted that it could dig ditches, plow ground, dig holes for planting trees, drain swampy spots, and break up impermeable subsoil. Having dynamite around for these purposes, he found it was useful in a number of other ways. There are many farmers today, who will not admit that dynamite has any limits to its sphere of usefulness around the farm.

Selling Your First Story

If young writers might see the stacks of poorly-prepared manuscripts on some editors' desks every morning they would be very likely to learn why their stories come back. Nearly everyone imagines at some period of his life that he can write, and straightway he takes the literary road to disappointment and heartache. Instead of seeking proper instruction in the mechanics of the business they attempt to break in where only the

For Less Livestock Disease

The twentieth annual meeting of the United States Live Stock Sanitary association will take place December 5 to 7 at the Hotel La Salle, Chicago. The program for this meeting combines a variety of topics of the greatest interest and importance to everyone concerned in the prosperity of the animal industry of the United States. The regular sessions of the meeting will be open to the public. Farmers and stockmen are especially invited to attend. Anyone desiring additional particulars regarding the meeting or program should write to the secretary, John J. Ferguson, Union Stock Yards, Chicago.

Barclay Township Builds Hall

A one-story hall costing \$3,000 will be built next spring in Barclay township, Osage county, for use as a community meeting place. Bonds were voted at the last election, and work is to begin next spring.

The main hall is to be large enough for use as a basket ball court, and smaller rooms will afford gathering places for Grange committees or social gatherings. The purpose of the building is to provide a meeting place and social center. Boosters for the hall say they expect to build a new school next.

The man who works for himself alone never achieves complete success. We gain by giving.

Exhibit some of your own products at the county fair this year and help make it a success.

Prize Pigs for the Capper Club

BY JOHN F. CASE

Kansas swine breeders are willing to help our business boys. Right off the bat when I called for prize pigs as a special award for the best showing made by one boy in each breed club, W. W. Jones of Clay Center wired the offer of a registered Duroc Jersey gilt. Of course I accepted Mr. Jones's offer by telegram, and it was none too soon. W. J. Harrison of Silver Lake also offered a Duroc prize pig, and he's disappointed because Hustling Jones was ahead.

"I consider this pig club work one of the best things ever promoted in Kansas," said Mr. Jones, "and I wish the rules didn't prevent my second boy getting into the game. You can depend upon us to help boost." That's the spirit we appreciate. And we are none the less appreciative of Mr. Harrison's offer because it came too late.

And a Poland China breeder was right in line. B. E. McAllaster of Lyons, Kan., has offered a registered Poland China gilt as the Poland prize and the fortunate boy who wins her will be a mighty proud chap. Then Walter Shaw of Wichita "kicked in" with a Hampshire gilt. That's the Kansas spirit.

What's wrong with you O. I. C. Berkshire and Chester White breeders? Aren't the boys who are choosing these great breeds for entry in the contest worthy of encouragement? And doubtless there will be entries of Tamworth, Mulefoot and Yorkshire swine before March 1. Here's what we ask for:

Choice of a registered boar or gilt worth not less than \$25 to be awarded the boy making the best showing for his breed in the Capper Pig Club contest for 1917. Value of prize to be increased to \$35 for boy who wins championship. Only one pig to be offered and the first offer made by a reputable breeder to be accepted. Write or wire your offer to John F. Case, Capper Building, Topeka, Kan.

A Big Show at Chicago

A large number of Kansas farmers will attend the International Live Stock Exposition at Chicago. It will be held December 2 to 9. A visit to this show is a liberal education in livestock farming; in speaking of this recently, E. Davenport, dean of agriculture in the University of Illinois, said:

"The International Live Stock Exposition, held annually at the Union Stock Yards in Chicago, has one advantage over all other livestock shows, namely: It is held on the grounds where thousands of animals are handled in a commercial way every day. This gives an atmosphere to the exposition such as

cannot be created upon any grounds in connection with the ordinary fair or national exposition. When a great collection of purebred livestock is brought together at any other point it makes its own atmosphere, which is inevitably that of the show ring and the breeding pen. The purpose for which all of these high class animals are bred and owned is often lost sight of, especially by the masses of the people who are not themselves experts. Indeed, some of our foremost breeders have in times past, themselves mistaken the means for the end and animals have been bred primarily for show purposes.

"It is different at the International in Chicago. One has only to look about him to see the purpose for which all this breeding is done, namely, the commercial supply of meat and labor. This gives a healthy atmosphere to the exposition, such as in the end will be felt thruout the length and breadth of the cattle and horse producing interests of this great country. At no other point have the breeding and butchering interests been so intimately associated. Nowhere else has the production of high-class animals and the final disposition of the consumer been brought so close together. This is why the influence of the exposition is wholly healthy to the livestock interests, whether represented by the breeder or by the consumer."

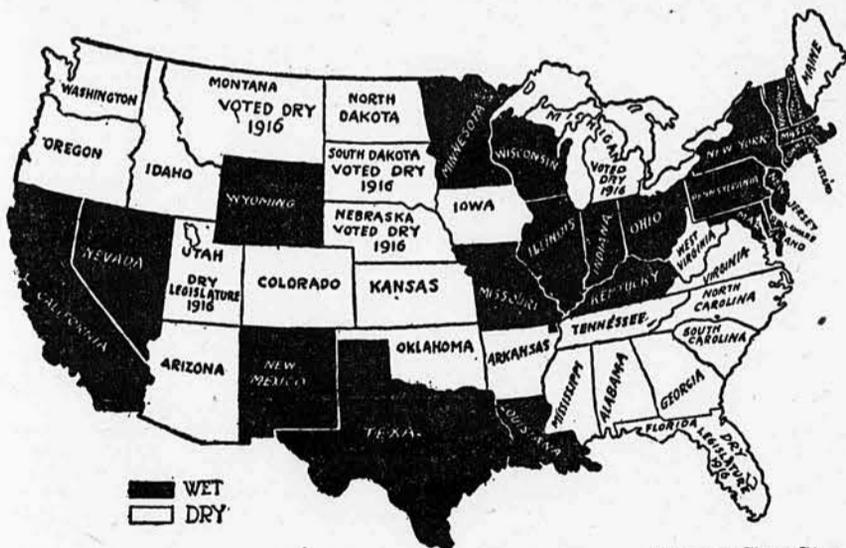
Sweet Clover for Pasture

Sweet clover is making a good showing as a pasture crop on the farm of E. J. Guilbert of Wallace. Mr. Guilbert is a breeder of registered Galloway cattle and has been pasturing his young bulls on the Sweet clover. His cattle eat the clover with a relish. This Sweet clover was seeded in salt grass on bottom land and the stand is getting thicker every year. It is also growing on alkali soil where other plants will scarcely grow. Mr. Guilbert is so well pleased with his Sweet clover as a pasture crop that he expects to seed 50 acres more. It is growing on soil too sandy for alfalfa.

A Large Acreage of Sudan

More than 31,000 acres of Sudan grass was grown in Kansas this year, according to the census of the crop taken by the state board of agriculture. The Western third of the state has about 40 per cent of the acreage, while the Eastern counties report but 10 per cent. Four counties have more than 1,000 acres each of Sudan grass. Barber, the leader with 3,077 acres, has more than twice as much as any other county. Harper follows with 1,270 acres. Ford next with 1,085 acres, and Reno fourth with 1,023 acres.

MORE THAN HALF THE UNITED STATES IS DRY NOW



—Kansas City Star.

Twenty-five of the forty-eight states in the United States will be dry as the result of the election. Nineteen already had voted out booze, while six went over to the prohibition cause in the election, Utah and Florida electing legislatures which are expected to vote against the saloons when they meet.

Of the twenty-three wet states left, six have local option in more than half of their counties, nine have more than a quarter of their counties dry and the remaining eight have less than 25 per

cent of their counties against the saloon. The lineup:

More than 50 per cent—Missouri, Kentucky, Texas, Louisiana, Minnesota, Indiana.

More than 25 per cent—California, Wyoming, Illinois, Wisconsin, Ohio, Maryland, Connecticut, Vermont, New Hampshire.

Less than 25 per cent—Nevada, New Mexico, Pennsylvania, Delaware, New Jersey, New York, Rhode Island, Massachusetts.

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black loam. Good wheat, barley, corn,
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formation you wish. M. V. Richards, Ind.
and Agr. Commr., Room 36, Southern Rail-
way, Washington, D. C.

PROSPERITY IN CANADA—THOUSANDS
of farmers in Western Canada have sold
their crops this year for more than the total
cost of their land. Land at \$15 to \$30 an
acre has produced crops worth \$40 to \$75 an
acre. Stock raising and dairying are equally
profitable—hogs and beef highest in coun-
try's history. Irrigation districts producing
more alfalfa and fodder crops than ever be-
fore. Get your farm home from the Cana-
dian Pacific Railway. Last year I asked you
to take advantage of this opportunity—you
might have paid for your farm with the 1916
crop—again I extend the invitation. Good
land from \$11 to \$30 per acre; irrigated land
from \$35; 20 years to pay; government guar-
antees land and water titles. Pay in full at
any time if desired. We will lend you up to
\$2,000 in improvements in certain districts,
with no security other than the land. Ready-
made farms sold on special easy terms. Loan
for live stock after one year's occupation,
subject to certain reasonable conditions ex-
plained on request. Low taxes; no taxes on
improvements. Free schools; full religious
liberty; good climate, and the best neighbors
in the world. Other farmers becoming rich
in Western Canada; you have the same op-
portunity. Buy direct from the Canadian
Pacific Railway. Write for free book and
full information. J. S. Dennis, Assistant to
the President, Canadian Pacific Railway, 14
Ninth Avenue, Calgary, Alberta, Canada.

FARMS WANTED.

WANTED TO LEASE FARMS IN KANSAS
largely sown to wheat. Box 522, Kansas
City, Mo.

FARMS WANTED—HAVE 7,000 BUYERS;
describe your unsold property. 506 Farm-
ers' Exchange, Denver, Colo.

IF YOU WANT TO SELL OR EXCHANGE
your property, write me. John J. Black,
Desk 9, Chippewa Falls, Wis.

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

TO FORD OWNERS.

STOP FOULING OF SPARK PLUGS AND
pumping of oil by attaching a White's
Oil Distributor to your Ford. Saves its cost
in 30 days in oil alone. Price \$3 prepaid or
sent C. O. D. if you write your name on a
postal. Evapco Manufacturing Company,
439 Grand River Avenue, Detroit, Michigan.

HELP WANTED.

FARMERS WANTED, \$75.00 MONTH. MEN
and women. U. S. government jobs. Short
hours. Easy work. Common sense education
sufficient. Write immediately for list of
positions now obtainable. Franklin Institute,
Dep't R 51, Rochester, N. Y.

TOBACCO.

4 LB. PACKAGE FINEST GREEN RIVER
Long Green Natural Leaf Tobacco, in the
hand, \$1.00 prepaid by parcel post in 1st to
6th zones. Beyond 6th zone 3 lbs. for \$1.00.
State whether wanted for chewing or smok-
ing. Satisfaction or money back. Green
River Tobacco Co., Box 103, Owensboro, Ky.

Sunday School Lesson Helps

BY SIDNEY W. HOLT.

Lesson for December 3. Jesus Christ,
the First and the Last. Rev. 1.

Golden Text: Fear not; I am the first
and the last, and the living one; and I
was dead, and behold, I am alive for
evermore. Rev. 1:17, 18.

This is the first of three lessons to be
taken from the Book of Revelation, a
book of such peculiar figurative language
and variety of interpretations that one
is apt to think it presents more diffi-
culties than really exist in its study.

During the reign of the Emperor Dom-
itian A. D. 81-96, the Christians were un-
der terrible persecution. They were im-
prisoned, scourged and mocked. Some
wandered about in the deserts and moun-
tains, clad in goatskins and sheepskins,
destitute, afflicted and tormented.

St. John, the beloved apostle of Christ,
was among those persecuted Christians.
He had been living in Ephesus but the
emperor banished him to Patmos, a small
rocky island off the Southwest coast of
Asia Minor, and there in a vision he was
commissioned to write the Book of Reve-
lation.

The purpose of revelation is life and
life is the gift of God to man. Its chief
end is the union of God and man, and in
that union we find the fulfillment of all

BEEES AND HONEY.

BULK COMB HONEY, TWO FIVE-GALLON
cans \$12.00. Extracted honey \$10.00. Sin-
gle cans 25 cents extra. Bert W. Hopper,
Rocky Ford, Colo.

MALE HELP WANTED.

ALL MEN-WOMEN DESIRING \$85 GOV-
ernment jobs near home write immedi-
ately. Ozment 302, St. Louis.

MOLER BARBER COLLEGE, OLDEST
and cheapest. Men wanted. Write for free
catalogue. 514 Main St., Kansas City, Mo.

SALESMEN WANTED FOR FRUIT AND
ornamental trees. Experience unnecessary.
Outfit free. Pay weekly. Carman Nursery
Co., Lawrence, Kan., Dept. A.

NO STRIKE; 8 HOUR DAY. MEN EVERY-
where. Firemen, brakemen, baggagemen,
\$120. Colored porters. Experience unneces-
sary. 796 Railway Bureau, E. St. Louis, Ill.
\$13.20 YEARLY BUYS OUR COMPLETE
Protection Accident & Health Policy. No
restrictions. Write giving age and occupa-
tion. H. P. Gages, Mulvane Bldg., Topeka,
Kan.

MOTORMEN—CONDUCTORS, \$80 MONTH-
ly. Interurbans everywhere. Experience
unnecessary. Qualify now. State age; book-
let free. Electric Dept. 812 Syndicate Trust,
St. Louis, Mo.

NURSERY SALESMEN WANTED—HOME
territory. Highest commissions payable
weekly. No investment. We deliver and col-
lect. Perry Nurseries, Rochester, N. Y. Es-
tablished 21 years.

WANTED 500 SALESMEN TO SELL MAGIC
Motor Gas. One quart price \$2.00 equals
50 gallons gasoline. Not a substitute. Great-
est product ever discovered. Large profits.
Auto Remedy Co., 824 Chestnut, St. Louis, Mo.

AGENTS WANTED.

\$5000 LIFE INSURANCE, \$10,000 ACCI-
dental death. \$25 weekly, sickness or ac-
cident. No restrictions. Write giving age
and occupation. Gates & Smelser, Mulvane
Bldg., Topeka, Kan.

MISCELLANEOUS.

WANTED—CARLOAD ALFALFA OR CLO-
ver hay. G. P. Hill, Eudora, Kan.

TO TRADE 45 H. P. INTERNATIONAL
Mogul, for small steam of gas tractor and
corn sheller. Ray Jewett, Lewis, Kan.

WANTED—APPLICATIONS FOR LARGE
ranch loans in Kansas and Texas. The
Commerce Trust Co., Atchison, Kan.

LOST—SUIT CASE CONTAINING MEN'S
clothing. Between Rossville and Paxico.
Reward. Robt. Turner, Rt. No. 3, Topeka.

HEAVES CURED OR MONEY BACK.
Baird's Heave Remedy is guaranteed.
Write Baird Mfg. Co., Box 201, Purcell,
Okla., for particulars.

MANY FARMERS REALIZED \$25.00 PER
acre this year from Flaxseed. Write us
for full information and free booklet. Fredonia
Linseed Oil Works, Fredonia, Kansas.

FLAXSEED IS A MORE PROFITABLE
crop than wheat or corn. For full infor-
mation and free booklet, write Fredonia
Linseed Oil Works, Fredonia, Kansas.

HAVE YOU OIL ON YOUR LAND? NEW
book on oil and gas. Their surface indi-
cations, history, origin, and accumulation.
Satisfaction guaranteed. 65 cents postpaid.
Wilson Co., Houston, Texas.

FARMERS DECLARE WAR ON RATS,
send \$1.00 for our secret method, sure and
reliable, an exterminator that you can make
cheaply at home. Home Economy Sales
Agency, Lock Box 178, Independence, Kan.

NEW 40-LB. FEATHER BEDS, \$8.25; 6-LB.
pillows to match, \$1.15 per pair; new, live,
clean feathers; best ticking; sold on money-
back guarantee; write for free catalogue;
agents wanted. American Feather & Pillow
Co., Desk 228, Nashville, Tenn.

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

God's purposes for the world. While the
Book of Revelation was a message of
comfort and hope to the Christians of
that period, it did not prevent their fore-
seeing the time of the completion of
Christ's work on earth. To us the book
is a chart in which we can see the pro-
gress of the kingdom of heaven on the
earth. The viewpoint constantly changes
from the scenes on earth with which
we are familiar to their heavenly coun-
terpart. Thus in this first chapter of
our lesson, we know the earthly life of
Jesus and we see the unseen world un-
veiled in the everliving Jesus in his
resurrection glory.

In this vision of the glorified Jesus
we must emphasize the fact that the
figurative expressions are symbols and
not images. Each symbol is an echo
from the Old Testament and the text for
the presentation of one characteristic
of the Saviour. Religion deals with the
most difficult problems of life and the
deepest emotions of the soul. One is
concrete and physical, the other spiri-
tual; to the oriental a symbol was neces-
sary to combine the two. In writing
these figurative expressions St. John
was using a language familiar to the
early Christians to whom this message
was given.

The seven golden candlesticks meant
a holy light in the midst of the churches,
and implies Christ's continual presence
and ceaseless activity in the midst of
His people on earth. Clothed with a gar-
ment down to the foot was an oriental
mark of dignity denoting high office or
the rank of a king. A golden girdle,
worn by priests and kings was a symbol
of strength and power and free activity.
The head and hair like snowwhite wool
symbolizes eternal existence and marks
the mighty center of the age of wisdom
and the purity of youth. His eyes were
as a flame of fire. Nothing can escape
fire unpurified, unless already pure. His
feet were like unto fine brass, something
polished and of dazzling brightness. The
feet of priests were bare in ministering
in the sanctuary, and this symbol gives
us the idea of the Lord's presence in all
places at the same time and in bringing
swift deliverance. His voice had the
sound of many waters. This gives us
the idea of music, powerful and resound-
ing with the majestic roar of the sea.
It is far-reaching, sweet to those who
wish to obey but as terrible to the wicked
as the sound of breakers to storm-tossed
and lost sailors. The seven stars in His
right hand symbolized the protection
given by His wisdom to the churches.
The sword is a symbol of the word of
God, or Spirit, and is sharper than any
two-edged sword, and is the weapon by
which all evil is to be overcome. His
countenance like the sun is the symbol
of the glorious nature of our Saviour.
The sun outshines every light and is the
giver of growth and beauty and power.

Whenever we begin to realize that this
picture of God's wonderful Son is the
very same Jesus with a heart just as
tender and compassionate as when He
went about among people with a form
like ours and poured out His soul unto
death for our redemption, we are going
to know that He is a living reality un-
veiled from the unseen.

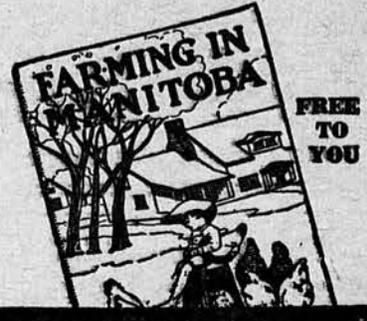
Why He Was Re-elected

I also believe it the duty of the governor
to give efficient service to the public. Many
Republicans will stick to the old proposition
that to the victor belongs the spoils. I think
Kansas folks want real service. If a Repub-
lican can do it, all right. If a Democrat can
do it better, he is the man they want. But
to give a man a job just because he is a
life-long politician, with no fitness for the
place, I believe the Kansas folks would re-
gard as a mistake.

It is Governor Capper who is speaking.
And, if the standpat politicians of the
G. O. P. haven't yet discovered why he
received such a tremendous majority,
while Hughes lost the state, they might
ponder the foregoing words.

Governor Capper knows Kansas. He
knows the Kansas people. He speaks
their language. The Kansas people are
sick unto death of politics; they want
plain, business-like, efficient, progressive
service. And if the old guard undertake
to carry out their plan to "discipline"
the governor for doing what the people
want done, it only goes to show that,
now as in the olden times, whom the
gods would destroy, they first make
mad.—Wichita Eagle.

It is estimated that the man who ships
20 cars of grain containing 20 per cent
of moisture pays freight on 1 car of ex-
cess water, using 15 per cent moisture
as a basis.



Thirty-Two Farmers in Manitoba Wrote This Book

Positively there is nothing to
sell you. These farmers wrote
this book just to have you
know what they think of Mani-
toba's (Canada) lands. There
are nothing but facts in it—
facts just as they live and
actually see them.

There are thirty-two interest-
ing stories in this book—all
short, concise, and to the point.
In most cases they tell how they
started, the yield per acre that
they got from the land, the kind
of crops they grow and the num-
ber of horses, cattle, hogs and
other stock. They tell about the
success they have had with every
kind of stock. They tell about the
winters—about the summers,
springs and falls.

If you read this little book you
will find only the truth told in a
plain, straightforward way as a
good farmer only knows how to
tell it.

Send for This Free Book

You will find this book plainly
printed—just as plain and honest
as the men who wrote it. You
will find other statistics and
facts in it about Manitoba. It
contains photographs of the
farms of the men who wrote the
book, showing how they plow the
ground, harvest the crop and
raise their stock. Send for it
today.

Superintendent
of Immigration and Colonization
Province of Manitoba
Room No. 700,
WINNIPEG, MANITOBA, CANADA

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Victrola with Records on
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ness than anything you could buy—A lasting
source of entertainment—Our Special Offer makes
it easy for you to own one—Write Today.

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\$75.00

Mahogany or oak cabinet,
with record shelves. Nickel-
plated Exhibition sound box,
Victor tapering tone arm
and "goose neck" sound-box
tube, automatic brake and
speed regulator. Extra heavy
double spring, spiral drive
motor (can be wound while
playing). All metal parts
nickel plated.

This Genuine Victrola with
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your own choice only
\$82.50—Terms \$5.00
after trial, then \$5.00
per month, without interest—freight paid.

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style of Victrola—it will
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one you want to buy.
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letter, simply sign
the coupon and
mail to us.

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STATE.....

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

\$15 TO \$30 BUYS BEST wheat land in Gove Co. P. J. Highley, Grainfield, Kan.

FOR SOUTHERN KANSAS land information write Couch Land Co., Anthony, Kan.

160 A. IMPROVED, half cultivated, mile to town, \$5,000. Fred A. Reed, Salina, Kan.

PROSPEROUS Meade County. Land, 12 and up. No trades. J. A. Denslow, Meade, Kan.

THREE SNAPS—100 a. at \$60; 80 a. at \$70; 180 a. at \$35. Imp. Decker & Booth Valley Falls, Kan.

\$20 A. GOVE CO. LAND, all level; 200 a. broke, 160 a. in wheat. Price \$15 per a. Terms. C. E. Hand, Grinnell, Kan.

NORTHEAST KANSAS bargains in bluegrass, timothy, clover and alfalfa farms. Exchanges. Compton & Keen, Valley Falls, Kan.

\$300 A. BLUESTEM pasture land, \$30 an a. 320 acre farm, new improvements, \$45 acre. Five quarters Western Kansas wheat land cheap. Guss Schimpff, Burns, Kan.

\$80 A. 10 ml. town, 440 cultivated; spring water. 80 a. alfalfa land, \$25 per acre. \$5,000 cash, bal. terms to suit. Well improved; some rough land. Western Real Estate Co., Ellis, Kan.

WHEAT FARMS ON EASY PAYMENTS. Four ¼ sec. good land; level; only \$700 per ¼ sec. down; bal. on wheat plan. Will sell either one or all. Price \$3500 per ¼. Other bargains. G. W. Meyer, Hoxie, Kan.

WHEAT selling \$1.50 a bu. Have 480 acres, all best of land, mile and half out, 300 in wheat, ¼ with sale, small imp., good water, only \$25.00 an acre. \$5,000.00 cash handles it. Other bargains in wheat land. Highly improved 80 acres, Riley Co., Kansas, snap price. R. C. Buxton, Utica, Kansas.

NESS COUNTY, 6 quarters to sell on "Wheat plan"—80% tillable; good, rich, level wheat land. 240 a. in cult., 8 ml. Ness City, 6 ml. Ransom. Might sell a section without the half. \$21 a. Terms, \$500 per quarter down, bal. all payable from crop, including 6% int. C. F. Edwards, Ness City, Kan.

NESS AND TREGO COS. Land for sale; reasonable prices and terms. Write for list. V. E. West, Ransom, Kansas.

40 ACRES, highly imp. 24 cult., bal. tame grass. Water in house. \$100 an a. Hedrick & Beschka, Hartford, Kan.

GOOD RANCH—480 acres, 1 mile shipping point on Santa Fe. 5 ml. county seat; smooth land, good buildings, a snap at \$35 per a. Write for list of farms and ranches. T. B. Godsey, Emporia, Kan.

WE OWN 100 FARMS in fertile Pawnee Valley; all smooth alfalfa and wheat land; some good improvements; shallow water. Will sell 80 acres or more. E. E. Frizell & Sons, Larned, Kansas.

160 A. WELL IMPROVED; near the El Dorado Oil fields, Butler Co., Kan. All good smooth farm land; never-failing water; fine neighborhood. Must be sold; write for description, price, terms, etc. M. E. Smeltz, Alta Vista, Kan.

474 A. IMP.; 360 ALFALFA LAND in wheat; ¼ goes with farm. \$60 an a. Write for list of corn, alfalfa, ranch and wheat lands. Shiney-Ball Realty Co., Hutchinson, Kansas.

160 ACRES OF PERFECT WHEAT LAND. Four miles from Scott City, 120 acres in wheat; ¼ goes to purchaser delivered. Price for quick sale \$19. The King Realty Co., Scott City, Kan.

312 A., 185 cult., 107 pasture, 20 timber; modern improvements. Water in house, barn and corral. Hydraulic ram from spring. 20 a. alfalfa; elevator. \$70 a. Reasonable terms. 80 a., 40 a. alfalfa, bal. meadow and pasture. Abundance water; \$7,000. J. B. Fields, Alma, Kan.

SELL LAND AND LOTS AT AUCTION. It is the surest, quickest, most successful method, proven by hundreds of auction sales this season. For terms, etc., write **LAFE BURGER, LAND AUCTIONEER**, Wellington, Kan.

80 ACRES ¾ mile Ottawa, Kansas, good cottage house, barn, silo, family orchard, well, 15 acres blue grass, remainder cultivation, a special bargain for immediate sale. Write for full description of this and other farm bargains. Mansfield Land Company, Ottawa, Kansas.

160 ACRES 6 miles of Ottawa, 1 mile of station, 155 acres tillable; 75 acres in blue grass pasture and timothy and clover hay meadow; fair 6 room house; good barn; fine location; 25 acres growing wheat. Price \$70.00 per acre, \$2,000.00 cash, remainder long time 6%. Casida & Clark, Ottawa, Kansas.

CHOICE RANCH FOR SALE. 1080 acre ranch, 4 ml. south Leoti, Wichita County, Kan., at \$8.50 per a. \$4,000 cash, bal. 3 years 7%. 160 to 200 a. nice smooth bottom land; from 12 to 15 feet to water. Party getting this ranch can get the use of 2 or 3 sections more land. F. G. Jones, Agent, Leoti, Kan.

NESS CO. WHEAT LAND Write for free list and county map. Land, \$20 to \$30 a. G. P. Lohnes, Ness City, Kan.

FOR SALE. Good ½ sec. of land 1¼ ml. Sylvia, Kan. 240 a. in cult., 90 a. in pasture; sandy loam soil; 100 a. sowed to wheat this fall. Large house and barn, between \$4,000 and \$5,000 worth of improvements on place. Farm located in one of best farming communities in the State. A good bargain. Price \$18,000. Terms. E. G. Howell, Sylvia, Kan.

330 ACRE SHEEP FARM for sale, including 100 head of pure bred registered Hampshire ewes, 2 rams, one three-year-old, imported by Cooper & Nephews and one yearling bred by same firm. Also a full line of good machinery necessary to run place. Good improvements, all fenced and cross fenced sheep tight, stone posts, 165 acres bottom land, limestone soil; best in the world for alfalfa and corn. 40 acres in alfalfa. 65 acres in wheat; ¼ to go with the place delivered in town. Balance ground for spring crops. 6 ml. to town; daily mail route, 40 rods to school; phone in house. Price per acre \$50. Perpetual running water and plenty of good hard wood timber for posts, shelter and fire wood. New stone basement barn. If interested write to E. S. Tallafarro, Route 3, Russell, Kan.

HOTELS My business is selling hotels. If you want to buy or sell, write me. E. COLTRANE, HUTCHINSON, KAN.

247-Acre Stock Farm Bargain Nearly all bottom and alfalfa land; 110 a. cult., 40 a. pasture, 80 a. meadow; 5 room house, basement, barn 32x72, large hay mow. Abundance water. A snap. Worth \$75, price \$50. M. T. Spong, Fredonia, Kansas.

GOVE COUNTY this year has produced two million bushels of wheat from one hundred thousand acres. If you want good, rich wheat land at fair prices—\$15 to \$30 per acre—address J. E. Smith, Grainfield, Kan.

ADJOINING WICHITA 10 a. well imp. ¾ in alfalfa. Best of garden land; across the street from Jones Automobile factory tract. Prices so low it will surprise you. Write for tract list. **WRIGHT & EDMISTER**, 415 Fourth Nat'l. Bank Bldg., Wichita, Kan.

80 Acres Only \$100 Montgomery Co., Kan., good loam soil; 60 a. cult., 20 past., good bldgs., only \$100 cash, \$500 Moh. 1. bal. \$500 yearly. Snap. R. M. Mills, Schweiter Bldg., Wichita, Kan.

"LAND, YES" We sell it in Seward County. Finest quality, \$15.00 per acre. Ask for list. Griffith & Baughman, Liberal, Kan.

DO NOT RENT LAND You can buy land outright in Eastern Oklahoma for what one or two years' rental would cost in an old, well settled country. If you have the energy to clear virgin land and settle on it you can have a farm of your own in a well settled state. The 1,750,000 prosperous people in the state made a garden of a wilderness and there is room for another million. Write for a copy of "Current Events" and other information to Immigration Bureau, K. C. S. Ry., 507 K. C. S. Building, Kansas City, Mo.

FOR SALE OR EXCHANGE

FOR EXCHANGE: 3 flats, rental \$7,000. Leslie Land Co., 315 Ridge Bldg., K. C., Mo.

TRADES EVERYWHERE. Exchange book free. Bersie Agency, El Dorado, Kan.

TRADES EVERYWHERE. Large list free. Reeve & Staats, Emporia, Kansas.

BOOK 500 FARMS to trade. All over U. S. Graham Brothers, El Dorado, Kan.

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

WHATEVER you may have for exchange write me. Eugene Oaks, West Plains, Mo.

IF YOU HAVE PROPERTY for sale or exchange write us. Real Estate Salesman Company, Department 4, Lincoln, Nebraska.

TRADES Farms, property, stocks. Write Ochiltree, St. Joseph, Mo.

IMP. 160, 2 miles of Howard, over ¼ cult., to exchange for small farm of 40 acres. F. J. Brown, Howard, Kan.

GOOD FARM and home, 1 mile of the County seat near Houston, Tex. Fine, warm, healthy climate. No rock, sand, gravel or stumps. A fine proposition. Will exchange for northern property. Good reason. Write for description. Price \$65 an acre. J. F. Bacon, Owner, White City, Kan.

GOOD HALF SECTION NEAR HUGOTON TO TRADE. Nice smooth wheat land. No improvements. All in grass. Near school. Good neighborhood. 11 miles from Hugoton. Price \$20.00 per acre. Mortgage \$1600 three years 7%. Will take good residence property or other income property in part payment. Might consider good touring car. Must be in good condition and clear of debt. Give full particulars first letter. Edmond Thayer, Liberal, Kansas.

NESS COUNTY

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

CHASE CO. STOCK RANCHES

640 a. improved, 2¼ miles railroad, 100 a. cult. 50 a. alfalfa. \$40 per a. Send for list. Stock ranches in best county in Kansas. Also alfalfa farms. J. E. Bocook, Cottonwood Falls, Kansas.

ROOKS CO. FARM

160 acres with good 5 room frame house, good barn 30x36, cow stable, cattle shed, 2 chicken houses, corn crib, hog sheds, well with windmill. Buildings in first class condition. 65 acres in cult., 60 a. more tillable land; 85 acres fenced for pasture, bal. used as hay land. School house on farm. Price \$40 per acre; will give good terms. A. L. Graham, Real Estate Dealer, Stockton, Kan.

MISSOURI

BARGAINS in 40, 80 and larger tracts; good terms. M. D. Mosler, Cabool, Mo.

STOP! LISTEN! 80 acre farm, \$850. Free list. McGrath, Mountain View, Mo.

120 A. IMP. Missouri land, \$1400. Exchanges made. D. Carlisle, Willow Springs, Mo.

HOMES in the Ozarks—an impr. 120, \$600. Write for list. W. T. Elliott, Houston, Mo.

80 A. IMPROVED, 3 ml. town; 35 cult.; plenty water. \$1,500, one-half cash. John W. Goff, Willow Springs, Missouri.

POOR MAN'S CHANCE—\$5 down, \$5 monthly, buys 40 acres good land, near R. R. town; some timber; price \$200. \$10 monthly buys 80 a. Write for list. Box 425-O, Carthage, Mo.

FOR SALE:—Good farm of 480 acres, two miles from Lamar, Mo. Two good houses and two good barns, one house six rooms and one of four rooms. Houses and barns in good repair. No waste land. Price \$85.00 per acre. Now rented but can give immediate possession. Address: Antrim Lumber Company, St. Louis, Mo.

CENTRAL MISSOURI FARMS. Write for descriptive price list. Farms will prove profitable and satisfactory. Hamilton & Crenshaw, Box 7, Fulton, Mo.

POLK CO. MO. FARMS Write for new list. Ideal soil, fine grass, short feeding long crop season, prices and terms to suit. HARRY T. WEST REALTY CO., BOLIVAR, MO.

FARM LOANS

FARM AND CITY MORTGAGES a specialty. Write us if you wish to borrow. Perkins & Co., Lawrence, Kan.

MONTANA

FOR SALE:—Wheat land and ranches in Montana. Cheap. Write for lists. L. C. Arnold & Co., St. Joseph, Mo.

ARKANSAS

160 A. 5 ml. county seat. All timber. \$750. B. H. Atkinson, Berryville, Ark.

IMPROVED FARMS \$10 an acre and up. Stroud & Benedict, Green Forest, Ark.

120 A. imp. Springs. \$6.50 an a. Terms. John P. Jones, Alpena Pass, Ark.

70 A., 50 CULT., fair improvements, 6 ml. R. R. town. Loving, Heber Springs, Ark.

200 A. well improved. 100 acres cult. \$10 per a. Chas. Harbert, Green Forest, Ark.

IF INTERESTED in fine farm or timber land in Northeast Arkansas, write or see F. M. Messer, Hoxie, Arkansas.

COME TO CLEBURNE county, Arkansas. Land \$5 up; easy terms. Send for list. Claude Jones, Heber Springs, Ark.

180 ACRES, 2 miles from R. R. 60 a. cultivation. Well improved; well springs, \$1200. Terms. Wallace Realty Co., Leslie, Ark.

80 ACRES, 30 in cult.; small house. Bal. timber. 5 ml. Marshall on turnpike road. Terms. \$10 a. Lock Box 21, Marshall, Ark.

42 ACRES, 4 ml. from County Seat; 20 acres in cultivation; 2 wells; 4 room house; nice orchard; a dandy little home for \$1000. Good terms on half. R. G. Oliver, Waldron, Arkansas.

FOR SALE: 350 acres rich land. 307 acres in corn and cotton. On public road; town and station half mile. 10 tenant houses; wire fences. Good water. No overflow. A 10% investment. Price \$13,500; ¼ cash, balance 4 years at 6%. Southern Trust Co., Little Rock, Ark.

760 ACRES, virgin timber, \$14,000. 325 a., 3 sets improvements, \$4,000. 180 a., ½ highly improved, \$4,000. 150 a., ¼ highly improved, \$3,500. 80 a., ½ highly improved, \$1,500. 80 a., ¼ highly improved, \$250. Heber Springs Development Co., Box 176, Heber Springs, Ark.

THE LAND OF OPPORTUNITY. Perry County, Arkansas. Improved farms; rich level land, soil that will produce wonderful crops of corn, wheat, oats, clover and alfalfa at prices ranging from \$15 to \$55 an acre. Good terms. Come, join a community with a future. Free literature. Write today. Chafin-Colvin Land Co., Perry, Ark.

100,000 ACRES FOR SALE. Farms and ranches, any size, cash or terms, low prices, profit doubling values, no rock or swamp, fastest selling land in south; sure crops; pastures 3 head to acre; bears inspection. Free map and price list. Tom Blodgett, Little Rock, Ark.

COLORADO

FOR IRRIGATED FARMS and dry lands write King Realty Co., Greeley, Colo.

CHEAPEST choice half section RELINQUISHMENTS in Colorado, farm and ranch properties. Write for bargain list. Terral Land Company, Springfield, Colo.

BIG IMMIGRATION to Sterling, Illif and Snyder, Colo. Want farmers, investors; need hotel, bank, garage, etc. Irrigated farms, rainbelt lands, town property. Cheap, easy terms, close estate. H. B. Davis, Sterling, Colo.

OKLAHOMA

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

STOCK FARM—320 a. 3 ml. out; 120 a. in cult., 200 a. finest prairie pasture; improved; some timber. Pure water. R.F.D and phone. Price \$6,600. ¼ cash, bal. at 6%. Free list and map. Perry DeFord, Oakwood, Okla.

40 A. 8 ml. from McAlester, city 15,000; all tillable, 30 a. in cultivation; two small houses, barn, good well, all under good fence. Raised \$1400 worth of cotton this year. \$20 per acre. Terms. Southern Realty Co., McAlester, Okla.

Dewey, Washington Co., Okla.

Located in a splendid oil, gas and agricultural country. Has two steam railroads, one electric interurban, water works, sewer system, electric lights, natural gas, paved streets, free mail delivery, manufacturing plants, two National banks, splendid schools, the best county fair in the state and three thousand live energetic citizens. Want more folks like those already here. For information, write Joe A. Bartles, Dewey, Okla.

TEXAS

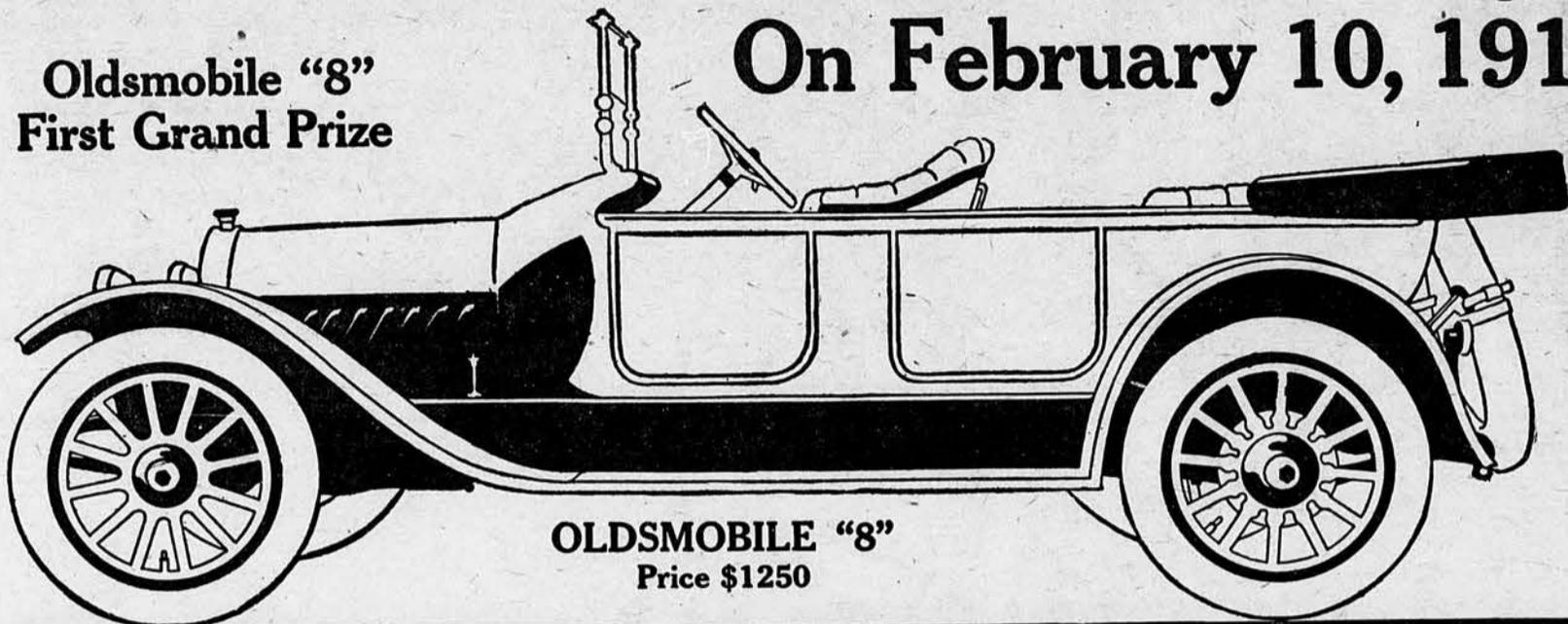
ALFALFA, hogs, corn, dairying, on irrigated farms. Northwest Texas. No floods, no droughts. Good climate, good schools, good roads, good water, good soil, good markets, good neighbors. Easy terms. Write to me about this land. Stevens A. Coldren, 601-4 Lloyd Bldg., Kansas City, Missouri.

WISCONSIN

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

Four Autos To Be Given Away On February 10, 1917

Oldsmobile "8"
First Grand Prize



OLDSMOBILE "8"
Price \$1250

The Farmers Mail and Breeze Big \$3000 Auto Contest These Four Big Cars Free

Do you want a Big Brand New Touring Car of your own? You can have this one—the Big Oldsmobile "8"—and it need not cost you a dollar. This is your opportunity, the chance of a lifetime to secure an automobile just for a few weeks' easy work during spare time—so very easy in fact that it can hardly be called work. Surely you can see the great opportunity before you. This is absolutely the most liberal automobile offer we have ever made and you should be the first in your neighborhood to take advantage of it.

Reasons Why We Are Giving These Autos Free!

We will be frank with you and tell you why we are giving these automobiles away. We want a large number of new subscribers to the Farmers Mail and Breeze and will award these magnificent automobiles to readers who will help us get subscribers from the present time until February 10th, 1917. We could get the subscriptions we desire thru regular agents but we prefer to give our readers and friends the benefit of the amount we would spend in getting subscriptions thru professional agents. No one in our employ, and this includes our regular subscription agents, can enter the contest, so you see you have a dandy chance to win.

Sign the coupon and send it to us today. That's the thing that will give you a flying start—mail the coupon now.

Second Grand Prize



\$830
Briscoe Touring Car

Third Grand Prize



\$720
Buick Touring Car

HOW YOU WIN

Our plan is simple and easy. We give a certain number of points for each subscription secured for the Farmers Mail and Breeze. The one having the largest number of points to their credit at the close of the contest on February 10, 1917 will receive the First Grand Prize, the Oldsmobile Eight. The one having the second largest number of points will receive the Briscoe Touring Car, the third largest number wins the Buick and the fourth largest will receive the Ford Touring Car.

Fourth Grand Prize



\$388
Ford Touring Car

It Costs Nothing to Enter

If you want an automobile just send us your name on the coupon below. It costs nothing to enter and you stand the same chance as anyone else to win. Remember, it will not be necessary to spend any of your time that you devote to other things. Your spare time only is required. You do not need to be a flowery talker or have experience to win. There is no chance or lottery in our plan. It is absolutely fair and square to all. A plan whereby the rich and the poor stand on equal ground. In case two or more contestants tie for a prize we will give a prize identical with the one in question to each tied contestant.

We Have Awarded More Than 60 Autos

During the past few years we have awarded more than 60 automobiles. The winners of these automobiles had no more experience than you and were able to win a car. Where others have succeeded you can succeed. There is nothing about the work that is disagreeable. Just a little visiting around among your friends is all you need to do. They will be glad to help you. On February 10th, 1917, we will give away four Big Touring Cars. One of them should be yours. There is no chance to lose as everybody will be rewarded. Sign the coupon and mail it to us and complete details and rules of this big automobile contest will be sent you at once.

USE THE COUPON

Think of the wonderful lot of enjoyment you can have with a Big Touring Car and then remember you can really have one without its costing you a dollar as we even pay the freight. Don't wait another minute but clip the coupon, sign your name and address, and then mail it to us and we will send you further details of our plan and beautiful illustrations of the dandy cars. It places you under no obligations whatever. Do it now.

Arthur Capper,
Publisher.
FARMERS MAIL
AND BREEZE,
Contest Dept. No. 112,
Topeka, Kansas.

Please send me full information regarding your big free Auto Contest.

Name.....

Town.....

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

State.....

The Farmers Mail and Breeze,
Contest Dept. 112, Topeka, Kan.

EASY FOR OTHERS

CAR WORKS FINE.

Contest Manager, Topeka, Kansas.
Dear Sir: I wish to again thank you for the prize and also to thank you for your exceptionally kind treatment of me and your evident desire to please me in the matter of the car and the trouble that you took to see that I received it in good shape. The car has worked fine since I have had it and has been the source of much pleasure to myself and the friends who helped me in the contest. Again thanking you for your courtesy in this matter, I remain an enthusiastic friend of the Farmers Mail and Breeze. Sincerely yours,
(Signed) H. R. MAXWELL.
Brown Co., Kan.

Contest Manager:—I received my prize and assure you I am more than pleased with it. The Overland Auto was certainly a most liberal reward for the work I did for you in the contest. I found it an easy matter to sell subscriptions to your paper, and found it was well liked by everyone. You may publish this letter if you wish and if there are any of your readers who have any doubts about the fairness and liberality of your contests, I would be glad to have them refer to me. The prize you gave me was the best reward for a couple of months' work I ever received in my life. With best wishes for your success and hoping you may be able to make many others as happy as you have made me, I remain, Very truly yours,
(Signed) MRS. L. E. BECKER.

WE HAVE DOZENS OF OTHERS

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan. John W. Johnson, N. Kansas, S. Neb. and Ia., 324 Lincoln St., Topeka, Kan. Jesse R. Johnson, Nebraska and Iowa, 1937 South 16th St., Lincoln, Neb. C. H. Hay, S. E. Kan. and Missouri, 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

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

Combination Sales.

Dec. 11-16-F. S. Kirk, Mgr., Wichita, Kan. Jan. 27-Norton County Breeders' association, Carl Behrent, Sec., Norton, Kan.

Percheron Horses.

Dec. 14-J. C. Robison, Towanda, Kan. Feb. 9-Breeders' combination sale, Manhattan, Kan. Feb. 17-C. H. Payton, Norton, Kan. Feb. 22-23-Nebraska Pure Bred Horse Breeders' Association, sale at Lincoln, Neb. C. F. Way, Sec.-Treas., Lincoln, Neb.

Draft Horses.

March 14-W. T. Judy & Sons, Kearney, Neb. Jacks and Jennets. Feb. 22-M. H. Roller & Son and Bruce Saunders, Holton, Kan.

Hereford Cattle.

Feb. 24-C. F. Behrent, Norton, Kan. Holstein Cattle.

Dec. 12-J. B. Branson, Route 1, Lincoln, Neb. Feb. 21-Nebraska Holstein Breeders' Consignment sale, South Omaha. Dwight Williams, Sales Manager, 4110 Davenport St., Omaha, Neb.

Jersey Cattle.

Dec. 14-S. S. Smith, Clay Center, Kan. Shorthorn Cattle.

Dec. 6-Loek Brothers, Pawnee City, Neb. Dec. 14-15-Nebraska Shorthorn Breeders' Ass'n, Grand Island, Neb.; Con McCarthy, York, Neb., sale manager. Dec. 21-Breeders' Consignment sale, Grand Island, Neb. J. C. Price, Lincoln, Neb., sale manager. Dec. 28-B. M. Lyne, Oak Hill, Kan., at Abilene, Kan. Jan. 10-W. P. Kuehn, Red Cloud, Neb. Mar. 30-H. C. McKelvie, Lincoln, Neb., Mgr. Combination sale at South Omaha.

Polled Durham Cattle.

March 14-W. T. Judy & Sons, Kearney, Neb. Mar. 29-H. C. McKelvie, Lincoln, Neb., Mgr. Combination sale at South Omaha.

Poland China Hogs.

Jan. 16-D. C. Lonergan, Florence, Neb. Jan. 27-J. B. Roberts, Pierce, Neb. Feb. 6-Smith Brothers, Superior, Neb. Feb. 7-T. F. Walker & Son, Alexandria, Neb. Feb. 8-Wm. McCurdy & Son, Tobias, Neb. Feb. 8-J. B. Swank & Sons, Blue Rapids, Kan. Feb. 9-Frank J. Rist, Humboldt, Neb. Feb. 12-W. E. Willey, Steele City, Neb. Feb. 15-T. W. Cavett, Phillips, Neb. Sale at Aurora, Neb. Feb. 20-C. Lionberger, Humboldt, Neb. Feb. 21-O. B. Clemetson, Holton, Kan. Feb. 22-A. J. Erhart & Sons, Ness City, Kan. Sale at Hutchinson, Kan. Feb. 23-Olivier & Sons, Danville, Kan. Feb. 24-C. F. Behrent, Norton, Kan. Feb. 28-Clairence Dean, Weston, Mo.; sale at Dearborn, Mo. Feb. 28-John Naiman, Alexandria, Neb.; sale at Fairbury, Neb. Feb. 28-Agricultural College, Manhattan, Kan.

Duroc-Jersey Hogs.

Dec. 14-Dr. J. B. Unsell, Louisiana, Mo. Jan. 22-Geo. Briggs & Sons, Clay Center, Neb. Jan. 23-H. A. Deets, Kearney, Neb. Jan. 31-J. H. Proett & Son and H. J. Nachingall & Son, Alexandria, Neb. Feb. 1-Theo. Foss, Sterling, Neb. Feb. 1-Philip Albrecht & Sons, Smith Center, Kan. Feb. 7-F. J. Moser, Goffs, Kan. Feb. 8-Dave Boselger, Cortland, Neb. Feb. 8-J. B. Swank & Sons, Blue Rapids, Kan. Feb. 16-J. C. Boyd & Son and Ira Boyd, Virginia, Neb. Feb. 28-Agricultural College, Manhattan, Kan. March 14-W. T. Judy & Sons, Kearney, Neb. March 15-W. T. McBride, Parker, Kan.

Hampshire Hogs.

Feb. 26-A. H. Lindgren, Jansen, Neb.; sale at Fairbury, Neb. Feb. 27-Carl Schroeder, Avoca, Neb.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

F. S. Kirk of Enid, Okla., will manage a big combination sale of purebred livestock at Wichita, Kan., the week of December 11 to 16. This offering will include Hampshire, Poland China and Duroc Jersey hogs; Shorthorn cattle, Standard bred, German Coach and Percheron horses, and Jacks and Jennets. Mr. Kirk has held many successful combination sales. The sale at Wichita last year was especially gratifying to both the consignors and to the manager. The coming Wichita sale promises to be bigger and better in every way than last year's sale. Parties having high class stock to consign should write Mr. Kirk at once; and those who want to buy strictly high class stock should write at once for a catalog for the breed in which they are interested. Address: F. S. Kirk, care Manhattan Hotel, Wichita, Kan.—Advertisement.

Crimson Wonder Bred Boars.

G. M. Shepherd of Lyons, Kan., is offering 15 excellent March Duroc Jersey boars. They were sired by G. M.'s Crimson Wonder, the sire of the 600-pound Giant Crimson, first prize and reserve champion at the Kansas State Fair this year. Two of these March

boars are full brothers to Giant Crimson. He also has an excellent boar by Crimson Wonder Again Jr., first prize Junior yearling at Topeka this year. These boars are all out of excellent sows and from large even litters. They are all in excellent condition and have been immunized by the simultaneous method. In addition to the boars Mr. Shepherd is making close prices on about 50 gilts. Most of these gilts will be bred to Crimson Wonder Again Jr. or Illustrator II Jr. If interested in this offering write Mr. Shepherd and mention Farmers Mail and Breeze.—Advertisement.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

George W. Goodman, Lenora, Kan., is a member of the Norton County Breeders' association. He breeds Poland Chinas of the highest quality and of the big type. He offers for immediate sale, 25 fall pigs just weaned. Papers will be furnished with these pigs.—Advertisement.

The Norton County Breeders' association is an active organization and is doing things in that county. Three big purebred sales will be pulled off in January and February and all will be advertised in the Farmers Mail and Breeze. Watch for future announcements.—Advertisement.

Lackland Brothers, Axtell, Kan., breeders of Holstein cattle, are advertising in the Holstein section of the Farmers Mail and Breeze, a lot of high grade Holstein heifers, 2 and 3 years old, that are bred to freshen in November and December. They are well bred and of good size. Write them at once for price.—Advertisement.

The animal husbandry department of the Agricultural college, Manhattan, Kan., has a few Poland China boars of March farrow for sale, sired by a son of Big Hadley Jr. They are good, thrifty fellows and will be sold at very reasonable prices. Also some Berkshire spring boars, sired by Ames Rural 113. Address as above.—Advertisement.

January 27 is the date of the Norton County Breeders' association sale which will be held in the sale pavilion at Norton. Entries will close December 1 and the catalog will be issued immediately. Secretary Carl Behrent is receiving considerable encouragement and considerable stock has already been entered for sale.—Advertisement.

C. F. Behrent, Oronoque, Kan., is a member of the Norton County Breeders' association. At present he is offering 12 choice March and April Poland China boars for sale. The 25 gilts that are sisters to these boars are reserved for his bred sow sale in Norton February 24. At that time he will sell 30 Herefords, 20 of which are big, attractive yearling bulls.—Advertisement.

J. F. Foley, Oronoque, Kan., is Norton county's pioneer breeder of big type Poland Chinas. He is a member of the Norton County Breeders' association. He is offering some real herd boar material in spring boars sired by Panama Giant and other herd boars. He also has some choice spring gilts that he will sell either open or bred to your order to either of his herd boars.—Advertisement.

Peter Luft, Almena, Kan., breeds Poland Chinas and his reputation as a breeder is not confined to the vicinity of Almena. He breeds the big kind and the kind with lots of quality as well as size. He is offering for sale 16 spring gilts that are as good as you will find anywhere. His prices are right. Look up his advertisement in the Norton County Breeders' association section in this issue.—Advertisement.

Col. C. H. Payton, of Norton has decided on February 17 as the date of his big dispersion sale. In this sale he will sell his entire string of stallions. There will be three Percherons weighing 2100 and 2200 pounds. Also a great Shire stallion. Other Norton county breeders will consign horses but nothing that is not first class will be sold. The sale will be advertised in the Farmers Mail and Breeze, in good time.—Advertisement.

C. E. Whitney of Almena, Kan., carries a regular card ad in the Norton county breeders' section of Farmers Mail and Breeze. Mr. Whitney breeds Percheron

SHEEP.

REGISTERED SHROPSHIRE RAMS Yearlings and two, square built, hardy bucks with weight, bone and heavy fleece. Quick shipping facilities and priced cheap. 412 head. Near Kansas City. Howard Chandler, Chariton, Iowa.



Woods Bros. Co., Lincoln, Neb. Imported and Home-bred Stallions—Percherons, Belgians, Shires. 75 HEAD NOW IN OUR BARN.

Our 1916 show record at the Nebraska and Kansas state fairs, Lincoln, Topeka and Hutchinson—37 first prizes, 14 senior and junior championships and 10 grand championships; 17 second prizes, 12 third prizes. And all of these were won in the face of strong competition. We have paid particular attention to quality, size, action, feet and legs. The imported horses direct from the Avelline stud reached our barns late in April. They are all outstanding horses. We invite the most careful inspection. Our prices, terms and guarantee will suit you. A. P. COON, Manager

FARMERS MAIL & BREEZE ENGRAVING DEPARTMENT TOPEKA, KANSAS CUTS OF YOUR LIVESTOCK FOR LETTERHEADS & SALE CATALOGS

HORSES.

For Sale: Home-Bred Stallions \$250 to \$400, except two. Also Draft Mares for sale. A. LATIMER WILSON, CRESTON, IOWA

Mammoth Jacks, Registered Percheron Stallions, mares and fillies. 75 head to select from. AL E. SMITH, LAWRENCE, KANS.

Registered Percheron Stallion; 12 years old, weight 1500 lbs.; sure breeder, for sale. Also 2 Jacks coming 3 and 4 years old. Priced right. Write today. W. A. ALLEY, Route 3, Augusta, Kan.

Pioneer Stud Farm

Established 1870 50 Registered Stallions and Mares

If you are in the market for a good Percheron stallion or mare now is the time. We can show you more bone, size, action and conformation than you will see elsewhere. Write or come today.

C. W. LAMER & SON Salina Kansas

DUROC-JERSEY HOGS.

IMMUNE DUROCS: Choice fall boars. Best of blood lines, one and two years old. Every animal guaranteed. E. L. Hirschler, Halstead, Kan.

King the Col. Breeding

Booking orders for pigs at weaning time sired by a splendid son of this great sire. Either sex. Ralph P. Wells, Formoso, Kan.

WORKMAN Johnson Workman, Russell, Kansas

Big Type Herd Boars

25 husky spring boars. Crimson Wonder, Illustrator, Good Enuff, Golden Model breeding. All immune. Prices right. Descriptions guaranteed. G. M. Shepherd, Lyons, Kan.

BONNIE VIEW STOCK FARM

Duroc-Jerseys Spring boars and one fall yearling boar for sale. SEARLE & COTTLE, BERRYTON, KANSAS

40 Growthy Duroc-Jerseys,

Spring and fall yearling boars with breeding, bone and quality. The kind that have always pleased. We ship on approval. I've got one for you. GEO. W. SCHWAB, CLAY CENTER, NEBRASKA.

GUARANTEED DUROC BOARS

Duroc boars with size, bone and stretch; immune and guaranteed breeders. Shipped to you before you pay. F. C. Crocker, Box B, Filley, Neb.

Trumbo's Duroc Boars

20 big, husky spring boars shipped on approval. Immunized by double treatment. Prices, \$15, \$20, \$25. WESLEY W. TRUMBO, PEABODY, KAN.

DUROCS OF SIZE and QUALITY

Herd headed by Reed's Gano, first prize boar at three State fairs. Spring boars and gilts, from the champions Defender, Superba, Crimson Wonder and Golden Mod. JOHN A. REED & SONS, Lyons, Kansas

Private Sale, Boars and Gilts

20 Duroc Jersey boars, March farrow and 15 gilts same age. Priced to sell. Also a choice lot of fall pigs, either sex. Address A. E. Slaco, Topeka, Kan., Phone (3026 Wakarusa)

DUROC BOARS AND GILTS

by five different sires, are on the bargain counter. Pairs not related—herd, boar and herd sow prospects. Also plenty for the farmer and stockman. 49 boars and 62 sows shipped this morning. Write J. E. WELLER, FAUCETT, MO.

BALDWIN DUROCS

Open gilts \$20, or for \$30 will keep and breed to "Graduate Prince", our new herd boar, that has won as many State Fair prizes and sired as many prize winners as any boar in the state. Weight 900. Call and see him. Service boars \$25. Some extra choice baby boars at \$12.50, sired by "Mud Top Again," a prize winner at both the Kan. State fairs last year. Order now, \$100 takes the pick. R. W. BALDWIN, Conway, Kan. of our baby Shorthorn bulls.

Two Purebred Duroc Pigs for \$25

A boar and a gilt not related, of Sept. farrow. Golden Model and Critic breeding. Shipped on approval. Pedigree with each pig sold. For full particulars, write, S. P. & F. M. OLDHAM, MURRAY, (Cass Co.) NEBRASKA.

Percherons — Belgians — Shires

39 heavy 3 and 4 year registered Percheron stallions. 68 rugged 2 year olds. 41 yearlings. Can spare 25 registered mares from my herd. 24 registered Belgian stallions. 11 registered Shire stallions. Sires and dams brought over from France, Belgium and England. FRED CHANDLER, Route 7, Chariton, Iowa. Near Kansas City.

DUROC-JERSEY HOGS.

HIGH CLASS DUROCS Spring boars by our herd boars, also Elk Col., by Perfect Col. Grand champion Ill. State Fair. 2 extra good fall boars. E. T. & W. J. Garrett, Steele City, Neb.

DUROC GILTS FOR PIG CLUB BOYS Fine April gilts of Col. Wonder breeding at attractive prices. Also fall yearling boars, spring boars and fall pigs. OSCAR T. YORK, VINLAND, KANSAS.

Immune Duroc Boars

Herd headed to farmer's kind, bred close to grand champions on both sire and dam side. Proves reasonable and satisfaction guaranteed. Write today. G. B. Woodell, Winfield, Kan.

Country Gentleman 132541

Last chance to get boars sired by this great boar. Also some good ones by Gold Medal 176231. We are keeping his gilts and offer him for sale. Everything immune and farmer's prices. W. R. HUSTON, AMERICUS, KANSAS

GOETHE'S DUROC-JERSEYS

Private Sale: 20 spring boars, 35 spring gilts, 50 fall pigs, Crimson Wonder Again, Model Top and Valley Chief breeding. T. E. GOETHE, LEONARDVILLE, KAN.

Bancroft's Durocs

Guaranteed immune. No public sales. Fair private sale. Spring boars and gilts open or will breed to order for spring farrow. Pairs or trios not related. September pigs weaned November 1st. D. O. Bancroft, Osborne, Kans.

Jones Sells on Approval

This means just what it says. 20 Duroc Jersey gilts (March farrow) bred to Pal's Kant Be Beat, Illustrator's Improver and Orion's Highland King. Booking orders for pigs of Sept. and Oct. farrow, shipped at weaning time. W. W. Jones, Clay Center, Kan. (Write for private sale catalog just out.)

Duroc-Jerseys

BREEDING, SIZE AND QUALITY Boars and gilts by Crimson Orion King 105345, A King the Col. 149860, Pal's Col. Jr. 643794, Golden Model Again 155043, Ohio Kant Be Beat 69077, Crimson Good Enuff 168341. Gilts may be bred to our great herd boars, Crimson Orion King, Premier Illustrator, Valley's King the Col. LANT BROS., DENNIS, KANSAS

Duroc Boars on Approval

25 big spring boars at farmer's prices. Shipped on approval. Well grown, splendid individuals and up to date breeding. A. J. TURINSKY, BARNES, KANSAS

MARCH DUROC-JERSEY BOARS

20 March boars, brothers to the gilts reserved for our annual bred sow sale in February. A variety of breeding unexcelled in the West. Individual merit with breeding. Close prices to move them quickly. Howell Bros., Herkimer, Kansas (Marshall County)

Home of Fancy Pal

BRED SOW SALE FEB. 7 at Sabetha, Kans. Some choice April boars, big, stretchy fellows, at farmer's prices. Write at once for bargains in boars. F. J. MOSER, GOFF, KANSAS

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JACKS AND JENNETS.

JACKS AND SADDLE HORSES All ages M. B. GUTHRIE, BOX A, MEXICO, MO.

FOR SALE OR WOULD TRADE for other Livestock, Percheron Stallion, Jack and 6 Jennets A. AIKINS, Valley Falls, Kan.

FOR SALE 6 Jacks, 6 Jennets, 3 Percherons and 1 Standard bred stallion. For information call on or address F. W. POOS, POTTER, KAN. (Barn 3 blocks north of depot)

LIVESTOCK AUCTIONEERS.

Jas. T. McCulloch, Clay Center, Kan. References: I am selling for every year. Write for open dates.

FLOYD YOCUM LIVESTOCK and REAL ESTATE AUCTIONEER ST. JOHN, KAS.

Rule Bros., H. T. & R. D., Ottawa, Kan. Livestock sales a specialty. Write for dates.

CHESTER WHITE HOGS.

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

O. I. C. HOGS For sale—Yearling boar, Spring and Summer pigs, bred gilts and tried sows. Priced to sell. A. G. COOK, LURAY, KANSAS

50 Chester White Boars

Early farrow, big and white. Plenty of real herd boars among them. Best of breeding. Buyer must be satisfied or no sale. Also gilts and younger pigs. AMOS TURNER, WILBER, (Salline Co.,) NEBR.

O. I. C. CHESTER WHITES 40 March and April boars at a bargain. 100 fall pigs of August and September farrow, \$5 each, both sexes, not akin; pedigree with each pig. If you want the best, write quick. WM. BARTLETT, Pierce, Neb.

Edgewood Farm Herd Chester Whites Spring boars with length, size, bone and quality sired by Don Ben 2nd and Sweepstakes. HENRY MURR, Tonganoxie, Kan.

Kansas Herd Chester Whites

I offer 40 extra choice spring boars and gilts, nothing better. Also 47 fall pigs, either sex, in pairs and trios. Bargain! Farmer's prices for the best to be had. ARTHUR MOSSE, LEAVENWORTH, KAN.

O. I. C. Fall Boars for sale. Also booking orders for spring pigs, both sexes. Everything immune. Registered free. F. C. GOOKIN, RUSSELL, KANS.

Silver Leaf O. I. C. Boars

Cholera immune spring boars that are real herd headers. They are of the best breeding and from mature stock of great size. Priced cheap for quick sale. A few August pigs. Satisfaction guaranteed. C. A. CARY, MOUND VALLEY, KANSAS

Murry Offers White Boars

10 Fall Boars Prize winning blood and good individuality. Wash only the best. Also fall and spring gilts. Sows sale Feb. 15. 40 Spring Boars CHAS. H. MURRY, Friend, Neb.

FEHNER'S O. I. C.

Herd headed by the \$500 Eagle Archie first prize aged boar at Sedalia, 1916. We offer 100 selected spring pigs, a number by a son of Eagle Archie, every one immune and shipped on 10 days' approval. Henry Fehner, Higginsville, Mo.

BERKSHIRE HOGS.

BERKSHIRE PIGS Best of Breeding. Big type English. Either sex, \$15 each. Crated and papers furnished. R. J. LINSKOTT, HOLTON, KANSAS

BERKSHIRE BOARS

Boars of spring farrow by Ames Rural 113. Address: ANIMAL HUSBANDRY DEPT., MANHATTAN, KANSAS

HAMPSHIRE HOGS.

Sold on Approval Two perfectly marked boars, choice gilts open or bred to Wempe's Model, by Paulsen's Model, the \$800 boar. Also pigs just weaned. F. B. WEMPE, Frankfort, Kan.

REGISTERED HAMPSHIRE

150 gilts and boars, all ages. Cholera immune. Satisfaction guaranteed. C. E. LOWRY, Oxford, Kan.

Shaw's Hampshires

150 registered Hampshires, nicely belted, all immuned, double treatment. Service boars and bred gilts. Satisfaction guaranteed. Walter Shaw, R. 6, Wichita, Kan.

MULE FOOT HOGS.

For Sale Registered Mule Foot Boars, 5 months old. Big type. E. W. KRAUS, EUDORA, KAN.

200 Immune Mulefoot Hogs

all ages, priced to sell. 80 Big-Type sows, bred to champion boars. Catalog free. C. M. THOMPSON, LETTS, IND.

POLAND CHINA HOGS.

POLAND CHINA BOARS

A few March boars for sale. Big Hadley breeding. Address, Animal Husbandry Department, Manhattan, Kansas

Satisfaction or Money Back

Big Type Poland China March boars and gilts. Can sell stock not related. Best of big type breeding. Write for special prices. A. T. GARMAN, COURTLAND, KANSAS.

horses, Shorthorn cattle and Poland China hogs. At the present time he has a few choice spring gilts to sell. These gilts are sired by the big type boar, Jumbo Prospect. Write Mr. Whitney about these gilts and mention Farmers Mail and Breeze.—Advertisement.

U. E. Hubble, the Red Polled cattle breeder of Stockton, Kan., has recently sold foundation herds to L. J. Skiles of Sylvan Grove, Kan., and Albert French and J. E. Rundle, Densmore, Kan. Mr. Hubble still has a few Red Polls for sale at reasonable prices. He offers his herd bull, Glad Hand, 11 cows, eight 2-year-old heifers and one splendid yearling bull. These could be divided so as to make good herds or he will sell them all together. If interested in this offering, write U. E. Hubble, Stockton, Kan., mentioning this paper.—Advertisement.

These Boars Will Please You.

Henry Murr, the big Chester White hog breeder of Tonganoxie, Kan., has a card announcement in this issue of Farmers Mail and Breeze. His offering includes spring boars; these are big, husky fellows with plenty of length, size, bone and quality. They are sired by Don Ben 2d and Sweepstakes. Mr. Murr has been breeding Chester Whites for a long time and his hogs have the reputation of pleasing his customers. If interested, write him and kindly mention Farmers Mail and Breeze.—Advertisement.

Extra Good Hereford Bulls.

S. D. SeEVERS, Smith Center, Kan., is one of the best known breeders of Hereford cattle in Central Kansas. He is starting his advertisement in this issue of the Farmers Mail and Breeze, offering for sale eight big, growthy, well bred, yearling bulls that should be inspected immediately by every breeder in Central and Western Kansas that is needing a herd bull. They can ship via the Rock Island or Missouri Pacific or the Burlington into Northwest Kansas. He also has two that will be ready for service in the spring. If you want a bull that is right in every respect and not loaded with fat but in just good breeding form you better write Mr. SeEVERS today as he would like to sell them before winter sets in. They are choice and will be priced right. They won't last long.—Advertisement.

Bonnie Brae Holsteins.

Ira Romig, Station B, Topeka, Kan., owner of the Bonnie Brae Holstein herd, is especially anxious to sell 25 strictly high class heifers. Mr. Romig has a milking herd of 33 head; these are practically all 2 and 3-year-old heifers. He sets all his milk at wholesale; one day recently these 33 heifers gave 107 gallons of weighed milk. The heifers he is offering are of the same type and breeding as those he is milking. The heifers offered will freshen soon. In addition to the 25 heifers he has several bull calves and one extra fine yearling bull whose dam has an official butter record of 19 pounds in seven days as a heifer. This is a choice bunch of young cows and can be bought at bargain prices. For further particulars address Ira Romig, Station B, Topeka, Kan., and mention Farmers Mail and Breeze.—Advertisement.

Nebraska and Iowa

BY JESSE R. JOHNSON.

W. T. Judy & Sons announce March 14 as the date of their annual sale of registered Polled Durham cattle, registered draft horses and Duroc Jersey bred sows. The Judy Polled Durham herd now numbers around 300 head. About 50 bulls will go in this sale. Readers may file application any time for catalog. Always mention this paper when writing.—Advertisement.

Von Forell Brothers of Chester, Neb., announce a bred sow sale to be held February 27. They also report the recent purchase of a herd boar for use in breeding the offering. This boar was sired by the grand champion boar Caldwell's Big Bob and his dam was a daughter of Elkhorn Jumbo. He was one of the top boars sold in the Caldwell sale. Mr. Caldwell says he was the choice of the boars and looks much like his sire did at the same age.—Advertisement.

Schwab's Big Duroc Boars.

George Schwab, the big Duroc Jersey breeder of Clay Center, Neb., is making very special prices on 40 big Duroc Jersey boars of spring and fall farrow. Mr. Schwab has probably bred and sold as many Duroc Jersey hogs in the past five or 10 years as any other breeder in the business. He says these boars are as good a lot as he ever raised. He has shipped hogs to 25 states and they have given the best of satisfaction. He ships on approval. If you can use one of these big, stretchy, well bred boars at a reasonable price, write Mr. Schwab and mention this paper.—Advertisement.

Spring Combination Cattle Sale.

On March 29 and 30, H. C. McKelvie of Lincoln, Neb., will manage the annual South Omaha Spring Combination Polled Durham and Shorthorn sales. The Polled Durhams will sell March 29 and the Shorthorns will sell March 30. This event last spring resulted in the best combination sale that had been held at this point. Scotch topped Shorthorns and a few Polled Durhams averaged \$130. Scotch topped females sold as high as \$440; the average on females was \$200. The 10 top bulls averaged \$279. If you have young bulls that will be of serviceable ages by March 30, the announcement of this sale at this time gives ample time to get them in sale shape. Write H. C. McKelvie, 101 N. 16th St., Lincoln, Neb., for any information you want in regard to these sales.—Advertisement.

S. E. Kan. and Missouri

BY C. H. HAY.

Henry Fehner of Higginsville, Mo., one of the good O. I. C. breeders of the state, is making special prices on his spring and fall pigs. He offers to ship them on 10 days' approval and to have them registered. A number of these pigs are sired by a son of Eagle Archie, the first prize aged boar at Sedalia, 1916. Mr. Fehner paid \$500 for Eagle's Archie and will soon offer a number of good sows and gilts bred to him. All of the Fehner hogs are immune. Write him for prices.—Advertisement.

Love will hold the boy on the farm but cold indifference will send him seeking solace in the city.

POLAND CHINA HOGS.

BIG MEDIUM POLANDS The smoothest big ones you ever saw. March boars and gilts at private sale. Prices right. C. D. CLOSE, GORHAM, KANSAS (Russell County).

BIG, STRETCHY BOARS

Immune, ready for service. Gilts, bred or open to your order; satisfaction guaranteed. Write to save money. All stock immune. W. A. McIntosh, Courtland, Kan.

Spotted Poland

10 spring boars and two Nov. boars for sale at farmers prices. Also five Hereford bulls from 8 to 16 months old. All stock registered. C. T. Drumm & Son, Longford, Kansas

N. M. Bailor & Son, Poland

Spring boars for sale. Big, growthy kind and priced reasonable. Also pigs at weaning time. Write at once. N. M. BAILOR & SON, ALLEN, KANSAS

I Ship On Approval

Best of big type breeding Poland China boar and gilts no relation; also a fine lot of summer and fall pigs at farmer's prices. Immune and guaranteed every way. ED. SHEEHY, HUME, MISSOURI

\$30 Poland China Sows \$30

20 head of big, stretchy, March gilts, sired by the great 900 pound, 2-year-old boar, Charter Monarch. Cholera immune, registered and recorded and guaranteed to please you, or your money back. Bred for March and April farrow; these are priced to sell: \$30 each or four for \$110. S. E. WAIT, BLUE MOUND, KANSAS

BAZANT'S SPOTTED POLAND CHINAS

Largest Herd in the West. 125 pigs just weaned and ready to ship on approval. Pairs, Trios not related. 12 yearling sows bred to your order. Pedigree with each pig. I can certainly please you. R. J. BAZANT, NARKA, KANSAS

NO BETTER GROWS

Big type. Herd Boars and Sows. Can furnish one or fifty. Write your wants or inspect the herd. L. C. WALBRIDGE RUSSELL, KANSAS

Private Sale

March boars by the half ton Hercules 2nd. Choice gilts same age. Summer and fall pigs at bargain prices. Summer pigs ready to ship. Pedigree with each pig. ANDREW KOSAR, DELPHOS, KAN.

ERHART'S BIG POLANDS

Home of more prize winners than any herd in the West, headed by the grand champion Big Hadley Jr.; large, roomy, prolific sows. Am pricing the grand champion boar Robidoux; also special prices on fall and spring boars. A number of herd headers among them priced for quick sale. A. J. ERHART & SONS, Ness City, Kan.

SPOTTED POLANDS

Private Sale 20 March and April Boars. Also 20 gilts, same age, for sale, bred or open. Pedigrees with each pig. Special prices. R. H. McCUNE, LONGFORD, KAN., (Clay County)

Sunflower King

25 Spring Boars, 25 Spring Gilts by this great boar, at private sale. One litter (March) by Big Bob Wonder. One litter by Gephart. Headquarters for boars and open gilts. Prices will suit. N. E. COPELAND, WATERVILLE, KAN.

BLOUGH'S BIG POLANDS

Private Sale at Farmers Prices Extra good March boars sired by Big Mack and out of 650 and 700 pound dams. Get my private sale prices before you buy. John M. Blough Bushong, Kan.

TOWNVIEW FARM

Big Type Poland Chinas Winter and spring boars, big, stretchy fellows. These winter boars have size, bone and age to make good with hard service. All immune and satisfaction guaranteed. Write today or call. C. E. GREENE, PEABODY, KANSAS

POLAND CHINA HOGS.

BIG APRIL BOARS BY YOUNG AMAZON Smooth, heavy bone; also fall pigs by half ton boars. Beauties at bed rock prices. W. C. MILLIGAN, Clay Center, Kan.

FAIRVIEW POLAND CHINAS

Our prices on heavy-boned February and March boars, with size, quality and most popular bloodlines, will prove interesting. Write us today. P. L. WARE & SON, PAOLA, KANSAS

Albright's Private Sale

of more quality, big type Poland China spring boars and gilts is now on. You can't beat my spring boars at the price. Also open gilts. A. L. Albright, Waterville, Kan.

Original Big Spotted Poland

75 fall pigs, pairs and trios not related. Pedigrees with each pig. Big litters. Address ALFRED CARLSON, Cleburne, Kan.

BABY PIC BARGAINS

I have 75 pigs, sired by King of Kansas and Long Jumbo Jr., just weaned, will sell at bargain prices. Pedigree with each pig. J. L. GRIFFITHS, RILEY, KANSAS

20 March and April Boars

sired by the Best 1915 son of King of Kansas and out of 600 and 700 lb. dams. Will weigh around 225 and 250. Farmer's Prices for 30 days. H. J. Griffiths, Clay Center, Kan.

HEREFORD CATTLE.

Two Registered Hereford Bulls

for sale. One 4 years old (wt. 1950) and one 2 years old. Also some good Percheron stud colts. Mora E. Gideon, Emmett, Kansas

SMITH COUNTY HEREFORDS

8 yearling bulls for sale and two younger, that will be ready for service in the spring. Also some females. BREEDER, SMITH S. D. SEEVERS, CENTER, KANSAS

BLUE VALLEY BREEDING FARM

20 Years Breeding Herefords. 100 breeding cows. For Sale: 12 bulls ready for service in the spring. Seven extra choice spring heifers at \$85 each. Two March bull calves that are herd bull prospects. Spring Poland China boars (two fall yearling boars) eligible to record. 100 big boned, farm raised Barred Rock cockerels. FRED COTTRELL, Irving, Kansas (Marshall County)

HEREFORD FARM

Our Herefords prove profitable in the hands of their purchasers. Best of breeding and individual merit. T. A. WALLACE BARNES, KAN.

RED POLLED CATTLE.

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

Pleasant View Stock Farm

Breeders of registered Red Polled cattle, Percheron horses and Poland China hogs. Haller & Gambrell, Ottawa, Kas.

RED POLLED cows and heifers, bred or open, also two May bull calves. I. W. POULTON, MEDORA, KANSAS.

MORRISON'S RED POLLS

Cows and heifers for sale. Write us your wants. Chas. Morrison & Son, Phillipsburg, Kansas

Red Poll Dispersion!

25 cows with calves at foot by Nov. 1. 8 two-year-old heifers bred, 4 yearling heifers. Nine yearling bulls. Also the herd bull, Gladhand. Sickness in my family compels me to leave the farm. A young herd of real merit. Write at once. U. E. HUBBLE, STOCKTON, KANSAS.

Red Polled Cows and Heifers

For quick sale I am offering 30 cows and heifers, either sired by, or bred to Cremo, by the 18 times champion Cremo. Cows \$100. Heifers \$85. ED. NICKELSON, Leonardville, Kan.

GUERNSEY CATTLE.

For Sale: 3 Registered Guernsey Bulls Glenwood breeding; 8, 10 and 16 months old. Write for description and photos. John Ferronoud, Humboldt, Kas.

GUERNSEY PURE BRED BULLS

ALSO A FEW FEMALES. BREED UP YOUR HERD. High class individuals from Wisconsin, with Advanced Register ancestry at bargain prices. A rare opportunity to secure some of the best blood in the Guernsey breed. Tested for tuberculosis and guaranteed as breeders. Send for List. HELENDALE FARMS, 700 Cedar St., Milwaukee, Wis.

POLLED DURHAM CATTLE.
Double Standard Polled Durhams Young bulls and females for sale. **C. M. HOWARD, Hammond, Kansas.**

Polled Durham and Shorthorn Cattle
 Roan Orange, weight 2100, and Sultan's Pride, first at Kan., Neb., Iowa and Okla. State Fairs, head our herd of 100 registered cattle. Young stock for sale. Will meet trains. Phone 1802, or write **J. C. BANTURY & SONS, PRATT, KAN.**

JERSEY CATTLE.
Registered Jersey Bulls Excellent Breeding. **Ferry Hill, Mount Hope, Kansas**

Buy Your Herd Bulls From Us
 We have big strong, robust fellows brimming over with type and beauty. We have cows that give 1200 to 1850 lbs. of milk per month. An high as 91 lbs. fat on official test. Can spare a few choice cows and heifers.
J. A. COMP, WHITE CITY, KANSAS

FANCY BRED JERSEY BULLS
 Four bulls from eight to 24 months old. Some choice young females. Ask for prices and descriptions.
S. S. SMITH, CLAY CENTER, KANSAS

Linscott Jerseys
 Kansas' First Register of Merit Herd. Private sale at Farmer's Prices. Bulls different ages. Inspection of herd desired. Write for illustrated descriptive list.
R. J. LINSOTT, HOLTON, KANSAS

Dairymen! — The Truth
 You may be prejudiced against the Jersey because you don't know her. Look her up. She's the Money Cow.
 Get This Book—a history of the breed and full of very interesting tests and facts. It proves conclusively that for pure dairy type, economy of production, richness of milk, long life and adaptability to feeds and climates—all these combined—the Jersey stands above them all. This book "About Jersey Cattle" is free. Get your copy now. You'll find it mighty good reading.
The American Jersey Cattle Club
 355 West 23rd Street, New York City

HOLSTEIN CATTLE.
HOLSTEIN CALVES high grade Holstein calves either sex, 3 to 4 weeks old, \$20 each. Express prepaid. **BURR OAK FARM, Whitewater, Wis.**

Registered Bull Calves for sale from cows with official butter and milk records, also can spare a few cows. **HOBINBOTHAM BROS., ROSSVILLE, KAN.**

Segrist & Stephenson, Holton, Kansas
 Prize winning registered Holsteins. Bulls from three months to yearlings for sale. Address as above.

Holstein Heifers to Freshen Soon
 One yearling bull, one eight months and one three. All registered. **BEN SCHNEIDER, Nortonville, Kan.**

BONNIE BRAE HOLSTEINS
 A choice bunch of high grade 2 and 3 year old heifers coming fresh. Also a few young cows and one well bred registered bull, old enough for light service.
IRA ROMIG, STA. B, TOPEKA, KANSAS

Montgomery County Holstein Friesian Association
 Young stock **T. M. EWING, Sec., Independence, Kan.**

Sunflower Herd Holsteins
KANSAS' GREATEST HERD
 Offers cows bred to 30 lb. size. Bull calves from 30 lb. size and A. R. O. dams. Might spare a few heifer calves. Buy the kinds that will make a profit on present high feeds. **F. J. SEARLE, OSKALOOSA, KANSAS.**

Purebred Registered HOLSTEIN CATTLE
 Send for FREE Illustrated Booklets
The Holstein-Friesian Association of America, Box 292, Brattleboro, Vt

Holsteins For Sale
 Can spare about one car load of Holstein springers and fresh cows; also 15 head of ten days to 3 months' old heifer calves; one 2-months-old registered bull calf to go with the bunch. Some 2-year-old springers. Also 4 or 5 registered cows due in December.
BOCK'S DAIRY, ROUTE 9, WICHITA, KANSAS.

Holstein Bull
 of grand champion breeding. Sire, Sir Juliana Grace DeKol; dam, Johanna Lilly; both grand champions at the Oklahoma State Free fair, at Muskogee in 1916. A beautiful individual, mostly white. Write for photograph and price. A bargain.
ALBECHAR HOLSTEIN FARM
 Robinson & Shultz
INDEPENDENCE, KANSAS

Will Congress Stop Exports?

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

Traders are giving more and more consideration to the possibility of the United States government prohibiting exports of grain and possibly other food products. The question is certain to be discussed in the coming session of Congress. If the statistics clearly indicate that the United States is likely to export more wheat than can be spared, pressure from many quarters to prohibit exports will be very strong. Exports last week from the United States alone were about 4 million bushels, making a total shipped since July 1 of about 68 million bushels, out of a theoretical surplus of about 100 million bushels, leaving only about 32 million bushels to go out in the next six and one-half months.

Grain prices again attained new high levels early last week, and values have reached such altitudes that many speculators are wary about holding for any further advance, and millers and cash grain handlers also are practicing the utmost conservatism to avoid being caught with unprotected grain at these high levels.

Wheat for May delivery in Chicago sold up to \$1.95% and May corn up to 99%c Monday. These prices are so near to the round figures of \$2 for wheat and a dollar for corn that many operators are wondering whether they may not prove to be the culmination of the great and wholly unprecedented advance—at least for some time to come.

This view took possession of an increasing number of traders during the week, and the result was a setback of 11 to 12 cents from the best prices, and the market closed weak with about 9 cents net loss from the final quotations of a week ago.

The high prices have checked foreign buying and started a movement in England to reduce requirements by a complete government regulation of the consumption of wheat. To what extent this will be effective no one can say, but it seems evident that the current extraordinary prices will make many people more economical in the use of food products of every sort. They will also have the effect of drawing out supplies from reserves. Farmers who are accustomed to carry wheat over regularly from one season to another, waiting for high prices, will certainly market the last bushel this year. Bakers, householders, retailers, jobbers, all classes of persons, will be disposed to keep less flour on hand than usual.

It probably will be found that the surplus of exporting countries will be larger, and requirements of importing countries smaller than any of the theoretical calculations that have been put out.

With nearly five months of the crop year passed, the stocks of wheat and flour in elevators and warehouses of the United States are 56 million bushels larger than a year ago. The visible supply is still increasing, tho at a much slower rate than at this time last year.

Movement of corn from the country continues small for the time of year, and not sufficient to make much impression on the very high carlot prices which remain around a dollar a bushel. Futures went to new high levels Monday, 99 in Chicago and 97% in Kansas City for May delivery.

The present small receipts at market centers are said to be due in part to scarcity of cars. Farmers are selling a good deal of corn in the surplus districts, but country shippers cannot get it to market as fast as it comes in.

Persistent strength in English markets and a wide shipping margin between Chicago and Liverpool prices have been a sustaining influence in American markets. The question of mixing corn with wheat in making bread in England is under consideration. This perhaps helps to explain the relatively high English prices for corn.

The feed line was drawn strongly in the livestock markets last week. There was an outpouring of cattle and hogs at all the Western markets, largely because of the high price of feed. Country buyers of horses also reported that it was easier to make purchases because farmers are eager to save feed. Of both cattle and hogs there were few offerings that showed reasonable feeding and most of the offerings not only lacked finish, but were deficient in weight. Notwithstanding these conditions killers made large purchases and their actions were interpreted to mean that they expect the present big supplies to be followed early next year by both small receipts and light weight.

In a supply of 78,000 cattle in Kansas City last week only a few loads were choice to prime. They sold at \$10.75 to \$11.60. The last named price is the highest ever paid on the open market here by 25 cents. The Christmas trade in 1914 brought a sale at \$11.35, the highest previous record. The best steers of the other offerings, short fed, brought \$8.75 to \$10.25, and were quoted steady, but the medium to plain grades sold at \$7 to \$8.50, and were quoted 15 to 25 cents lower. In Chicago similar classes declined 35 to 50 cents. There was a large demand for cows

HOLSTEIN CATTLE.

TREDICO HOLSTEINS
 The name "Tredico" has been reserved for animals of my breeding. A "Tredico" bull is gentle and comes to you that way.
Geo. C. Tredick, Route 3, Kingman, Kansas.

BRAEBURN HOLSTEINS
 A.R.O. bull calves always for sale; just now a few cows to make the herd fit the stables.
H. B. Cowles, Topeka, Kan.

HOLSTEIN MILK
 Health Vitality Nutrition
 REG. U. S. PAT. OFF.

HOLSTEIN CATTLE.

CHOICE HOLSTEIN CALVES
 10 heifers and 2 bulls, 5 weeks old; nicely marked. \$20 each created for shipment anywhere. **EDGEWOOD FARM, WHITWATER, WIS.**

NORTHVIEW HERD HOLSTEINS
 Grade heifers for sale, 2 and 3 years old. Due to freshen in Nov. and Dec. All large and well bred.
LACKLAND BROTHERS, AXTELL, KANSAS

THE HOLSTEIN-FRIESIAN ASSOCIATION OF KANSAS
 as an organization offers nothing for sale but desires to supply valuable information free to prospective buyers. The object of this association is to protect the interests of the breed in Kansas. Are you a member?
 Write **W. H. MOTT, SEC'Y., HERINGTON KANSAS**

40 Head High-Grade 2 yr. old Holstein Heifers For Sale

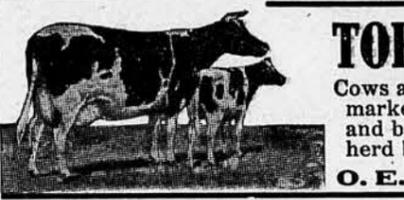
every one a good one, due to freshen early this fall; bred to a pure bred Holstein bull; sold under a positive guarantee to be just as represented, or animal returned and money refunded. See photograph of Canary Butter Boy King, the bull that stamps superiority on every calf that he sires. He is the herd sire at the Maplewood Farm. We have five young bulls for sale, nearly ready for service. Come or send your order at once.
W. H. MOTT, HERINGTON, KANSAS



Clyde Girod, At the Farm. **F. W. Robison, Cashier Towanda State Bank.**

Holstein Friesian Farm, Towanda, Kan.

Pure Bred Holsteins, all ages, strong in the blood of the leading sires of today, headed by Oak De Kol Bessie Ormsby 156789. Special offering in choice young purebred bulls, ready for service, from tested dams. Let us furnish you a bull and improve your herd. TWENTY-FIVE purebred females, young useful Holsteins with A. R. O. records from 12 to 26 lbs. butter in seven days.
BEFORE YOU BUY, TALK WITH US
 We have an especially large, choice selection of extra high grade young cows and heifers due to freshen this fall and early winter, all in calf to purebred bulls. These females are large, deep bodied, heavy producers, with large udders, all well marked individuals and the right dairy type. Our offerings are at prices that challenge comparison for Holsteins of their breeding and quality. High grade heifer calves \$25. Send draft for number wanted. Let us know what you want in Holsteins, and we will be pleased to send you descriptions, and prices. Keep us in mind before purchasing. Wire, write or phone us.
GIROD & ROBISON, Towanda, Kansas



TORREY'S HOLSTEINS

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

In 1887 Lee Bros. father brought the first imported Holstein cows to Wabaunsee county. In 1916 Lee Bros. & Cook have the largest pure bred and high grade herd in Kansas.

200 Holstein Cows, Heifers and Bulls

Registered and High Grade. 3 Cows and a Registered Bull \$325
 We are selling dealers in Kansas and Oklahoma. Why not sell direct to you? 100 cows and heifers that will freshen in 30 to 40 days, all bred to A. R. O. bulls. We have others to freshen on up to March. We have A. R. O. bulls from calves up to three year olds. Bring your dairy expert along, we like to have them do the picking. Every animal sold under a positive guarantee to be as represented. Well marked, high grade Heifer and bull calves from 2 to 3 weeks old. Price \$22.50 delivered any express office in Kansas. We invite you to visit our farm and can show you over 300 head of cows and heifers, sold to our neighbor farmers. Wire, phone or write when you are coming.
LEE BROS. & COOK, Harveyville, Wabaunsee Co., Kan.



HOLSTEIN COWS and HEIFERS

I have for sale a very choice lot of springing cows, heifers and bred heifers. They were personally selected from the very best dairy herds of the east.

In selecting them special attention was given to size, color, markings and milk production. I do not think you can find anywhere a larger or better herd to make your selection from than you will find here; all are **BRED TO PURE BRED BULLS** of the very best families. I also have some good registered bulls for sale. If you want Holsteins, and will come to see my herd you can find what you want and at very reasonable prices. Write, phone or wire.
J. C. ROBISON, Box A, TOWANDA, KANSAS

Norton County Breeders Association

SAMUEL TEAFORD, President **CARL BEHRENT, Secretary**
Norton County Fair, August 29, 30, 31, Sept. 1, 1917 **H. A. JOHNSON, President** **FRED STROWIG, Secretary**

For Quick Sale 12 extra choice spring Poland China Boars. Big type and good all over. Farmers prices. **C. E. Behrent, Oronoque, Kan.**

20 Poland China Boars by Panama Giant by The Giant by Big Ben. Strictly good ones at fair prices. Write at once. Can ship over Rock Island or Burlington. **J. F. POLKY, Oronoque, Mo.**

Poland China Pigs. 25 fall low prices. Either sex. Can ship over Rock Island or Mo. Pacific. **Geo. W. Goodman, Lenora, Kan.**

Poland China Bred Gilts Some very choice spring gilts sold either bred or open. Write for prices. **PETER LUFT, Almena, Kan.**

SHORTHORNS 4 yearling bulls, by Pilot, by the 2700 pound Victorious King. Pioneer, a grandson of Avondale and Whitehall Sultan heads our herd. **N. S. LEUSZLER & SON, Almena, Kansas.**

Percherons-- Shorthorns--Polands October gilts, bred or open, for sale, Burmington Bruce, by Lord Bruce heads my Shorthorn herd. **C. E. Foland, Almena, Mo.**

We Have 3 Shorthorn Bull Calves for sale. Got by a great grandson of Imp. White Hall Sultan and out of cows of the Lord Strathallen and Golden Fame Strains. **J. W. Liggett & Sons, Almena, Kan.**

Percherons ---Shorthorns---Polands A few nice spring gilts, by Jumbo Prospect, by Luft's Orange for sale open or bred to order. **C. E. Whitney, Almena, Kansas.**

COL. W. M. PATTON, Livestock Auctioneer **ALMENA, KANSAS** Address as above. Devoting my time to the business.

COL. C. H. PAYTON Purebred stock sales and big farm sales solicited. Write or phone. Address as above.
NORTON, KANSAS
L. J. Goodman, D.V.M. Lenora, Kan. Hog vaccination a specialty.

ABERDEEN ANGUS CATTLE.
Aberdeen Angus Cattle
 Herdheaded by Louis of Viewpoint 4th. 150624, half brother to the Champion cow of America.
Johnson Workman, Russell, Kan.

SHORTHORN CATTLE.
PURE BRED DAIRY SHORTHORNS
 Double Marys (Flatcreek strain) and Rose of Sharon families. A nice lot of young bulls for fall and winter trade.
R. M. ANDERSON, BELOIT, KANSAS

SHORTHORNS 10 young red bulls for sale, 8 to 12 months old, sired by Duchess Searchlight 348529, the 2500 lb. bull, and out of Orange and Gloster cows, weighing from 1400 to 1600 pounds.
A. M. Markley, Mound City, Kan.

Scotch Bulls for Sale
 including the Herd Bull, Happy Barmpton 365725 by Barmpton Knight by Gallant Knight by Lord Mayor by Thistle Top. Also Three straight Scotch bulls from 12 to 15 months old. Also two spring bull calves.
P. M. Borland, Clay Center, Kansas

Scotch and Scotch Tops
 24 bulls, 15 of them from 10 to 15 months. Balance 6 to 10 months. Reds and Roans. Half of them pure Scotch. Write for prices and descriptions. Also choice March Poland China boars for sale.
G. F. HART, SUMMERFIELD, KANSAS (Marshall County)

Village Knight 398231
 Three years old, a beautiful roan, weight 2400 pounds. Our herd is small and we are keeping every heifer he has sired. A Scotch bull seldom equaled in breeding and individual merit. Address:
WM. WALES & YOUNG, Osborne, Kansas

SALTER'S SHORTHORNS
 12 young bulls 6 to 12 months old; Scotch and Scotch topped. One three year old herd header, by Prince Pavonia. These young bulls are by such sires as Rosewood Dale, by Avondale, Silver Hampton and Master of the Dales; also cows and heifers. Scotch, Scotch topped and plain bred in calf to our great herd bulls, but priced so both farmer and breeder can afford to buy. Parties also met at Wichita. Phone, Market 3705. Address:
PARK E. SALTER, AUGUSTA, KANSAS

GALLUP Shorthorn Bulls
 Herd Established 30 Years.
 10 March bull calves sired by Defendent 42680 by Crusader by Barmpton Knight. Red and Roans. As good as the best. Address:
A. H. GALLUP, BLUE RAPIDS, KAN.

Cedarlawn Shorthorn Bulls
 For Sale: The two year old herd bull, Mystic Victor, by Vain Victor, by Barmpton Knight. A valuable tried bull sold guaranteed in every way. Young bulls from six to ten months old. Address
S. B. AMCOATS, CLAY CENTER, KAN.

Shorthorns-Private Sale
 Herd Established 25 Years.
 25 cows and heifers bred to Scottish Buck by Scottish Gloster. 3 yearling bulls and 10 bulls younger.
 Scottish Buck is a ton bull five years old that is a proven sire of merit. We are keeping all of his heifers and three of his sisters and offer him for sale.
 This is a reduction sale because of a shortage of feed and pasture. Everything offered is very desirable. Address
H. C. WILLIAMS & SON, Sylvan Grove, Kansas (Lincoln county)

Scotch and Scotch Tops
A Choice Lot of Spring Bulls (Reds and Roans)
 Can ship over Rock Island, Union Pacific, Missouri Pacific and Santa Fe.
 Write me your wants. Address,
C. W. TAYLOR
ABILENE KANSAS

Thirty Shorthorn Bulls For Sale
 Eight to 10 months old. Half of them Double Standard. A choice lot of youngsters of choice breeding, size and quality. Address
V. A. PLYMAT, Barnard, Kan. (Mitchell county)

and heifers and prices were 10 to 25 cents higher. The advance in hide prices was a buying incentive on the part of the big killers. Veal calves and bulls were quoted steady.

Prices for heavy feeders and the best stockers were fully steady, but the common to fair classes were quoted 15 to 25 cents lower and trade was dull. The bulk of the offerings sold at \$6.25 to \$7.25. Some heavy feeders sold as high as \$8.75. The feeder who marketed two carloads of fat steers at \$11.40, and one carload at \$11.60, this market's record price, bought four carloads of 1,050-pound feeders at \$6.65.

Hog prices declined in the middle of the week, but rebounded and closed the week 10 cents net higher. This advance occurred with receipts at the five Western markets the largest of any week since early last spring, and reflects large demand for pork. Packers are making large purchases now, because they expect decreased supplies after January. However, they expect large receipts the rest of this month and in December. The high price of corn is compelling large marketing of hogs, and the high prices for hogs are favorable for farmers, considering the amount of corn hogs have had up to this time. Last week the five Western markets received 542,000 hogs, 170,000 more than last week, and 181,000 more than a year ago.

Receipts of livestock, with comparisons, are here shown:

	Last week.	Previous week.	Year ago.
Cattle—			
Kansas City	78,400	50,700	57,150
Chicago	91,500	63,500	56,500
Five markets	252,300	167,300	172,850
Hogs—			
Kansas City	80,800	46,125	51,950
Chicago	257,000	199,000	205,000
Five markets	542,800	372,725	361,850
Sheep—			
Kansas City	27,525	29,725	35,600
Chicago	119,000	88,000	77,000
Five markets	249,025	193,475	199,850

There are Some Good Corn Yields

J. B. Barnes of Soldier, Kan., is well pleased with part of his corn crop this year. He had 25 acres that made 40 bushels to the acre. In a field on the Roy Capsey farm at Soldier at a certain row the corn goes from good to almost nothing. Something in the cultivation.

Chautauqua County—First snow came November 13. Wheat is looking well and there is plenty of moisture. Feed is scarce. Not much fall plowing. Hens not laying many eggs.—H. B. Fairley, Nov. 18.

Wichita County—Have had some very cold weather, and a light snow. Stock doing well. Feed will be scarce, grass is short. Barley 85c; corn \$1; wheat too high to talk about.—Edwin White, Nov. 18.

Rooks County—Have been having very cold weather. Much of the sown wheat has not sprouted yet. Wheat \$1.70; corn \$1.05; butter 30c; potatoes \$1.75; apples \$1.50; eggs 32c.—C. O. Thomas, Nov. 17.

Miami County—Heavy rain before the cold snap. Plenty of moisture. Wheat looks well. Corn very spotted, some selling at 80c to 85c a bushel. Plenty of hay and rough feed.—L. T. Spellman, Nov. 17.

Ellsworth County—The cold snap a week ago froze the wheat in open fields. Stalk ground wheat looks green yet as just the tips were frozen. Lots of wheat being marketed at \$1.75 a bushel.—C. R. Blaylock, Nov. 18.

Cherokee County—Good rain and light snow is making wheat look fine. Stock water is scarce. Some plowing being done. Not many sales; everything bringing good prices. Wheat \$1.80; corn \$1.—A. E. Moreland, Nov. 18.

Harvey County—Plenty of moisture and wheat is looking fine. Corn husking nearly done. Livestock doing well. Wheat \$1.78; corn 90c to \$1; oats 55c; butter 30c; eggs 35c; potatoes \$2.20; apples \$1.50; flour \$2.45.—H. W. Prouty, Nov. 17.

Marion County—Light snow on November 13. The cold weather was somewhat severe on the young wheat plants. Not much grain being marketed. The farmers who have any corn are busy husking it. Many only raised enough for feed. Wheat \$1.80; old corn 90c; oats 50c; eggs 35c.—J. H. Dyck, Nov. 17.

Riley County—Cold weather last week froze down the wheat, but it is getting green again. Farmers gathering corn; yield is from 15 to 25 bushels an acre, of good quality. Corn is turning out better than estimated early this fall. Cattle and hogs doing well. Not many cattle will be cornfed this winter. Little wheat now in farmers' hands.—P. O. Hawkinson, Nov. 18.

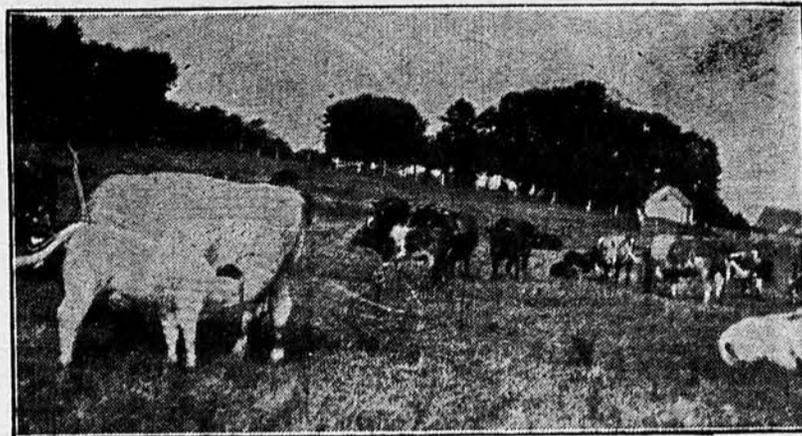
Morris County—Showers and warm weather during the latter part of October gave the wheat a fine start, but the cold weather of the first of the week put a stop to its growth for a time. Some plowing being done. About enough feed to supply the demand, although some hay is being shipped out. Old wheat was nearly all sold at \$1.50 a bushel some time ago. Little corn to husk.—J. R. Henry, Nov. 18.

Douglas County—Wheat is looking well, with plenty of moisture. Some fall plowing being done. Corn husking about done. Stock of all kinds doing well, and no disease among them. Some cattle have died from eating frozen alfalfa. Feed of all kinds is high. Corn 95c; wheat \$1.85; oats 55c; potatoes \$1.75; sweet potatoes \$1.25; alfalfa \$14 to \$16 a ton. A good many public sales. Mules and cattle sell well, but not much demand for horses.—O. L. Cox, Nov. 18.

Pawnee County—The cold dry weather of the first of the week set back the wheat pasture considerably. The large number of cattle and horses on wheat pasture will have to be fed unless we have rain or snow soon. More than the usual amount of building is being done. Hens are on a strike. Eggs are from 36c to 60c a dozen. On account of the scarcity of grain farmers are reducing their flocks. Hens now selling for 9c. Car shortage as bad as ever. Wheat is selling at \$1.75; corn \$1; butter 35c.—C. E. Chesterman, Nov. 18.

Dispersion Shorthorn Cattle Sale

At the Lock Ranch, near Pawnee City, Neb., December 6



45 Head THE RESULT OF 35 YEARS — 45 SUCCESSFUL BREEDING

10 top young bulls in age from 9 to 18 months. 15 choice young cows two years old and up. 15 heifers from calves up to breeding age. We include the herd bull WALNUT DUKE, a pure Scotch, Bellows bred, bull. The young stuff was sired by him and the older cows will be bred to him. A lot of the cows were sired by SCOTCH GOODS, by Good Choice.

O. A. Tiller, of Pawnee, is consigning ten or fifteen head of good young things; six young bulls and some choice young cows, sired by a son of the grand champion MASTER OF THE GROVE. They will be bred to Mr. Tiller's great young bull, COLOSSUS GOODS. This will be one of the best offerings of the year. Write now for catalog and mention Farmers Mail and Breeze.

LOCK BROS., PAWNEE CITY, NEBRASKA

Auctioneers—L. W. Leonard & Sons. Fieldman—Jesse Johnson.

A BIG COMBINATION SALE

Wichita, Kan., Dec. 11 to 16

Hampshire, Poland and Duroc-Jersey Hogs

Some of the best of each breed.

30 Scotch and Scotch Topped Shorthorn Bulls

50 Scotch and Scotch Topped Shorthorn Females

No better breeding or better individuals will be offered at auction this season.

75 Trotting Bred Stallions, Mares and Colts

Race prospects and developed race horses, including Jr. Dan Patch 2:05¼; Charlie A. C. 2:07¼; Hans H 2:08¼; Major Bellpeper 2:10½; William J 2:13¼; Cecil Kirk 2:17¼, etc.

5 German Coach Stallions

all sired by the grand champion at three state fairs. An extra nice lot of Imported and American bred Percheron stallions, mares and colts.

40 Big Mammoth Jacks and Jennets

It will be the big sale event of the season. If you have stock to sell write at once. Separate catalog for each breed. Write for the one you want.

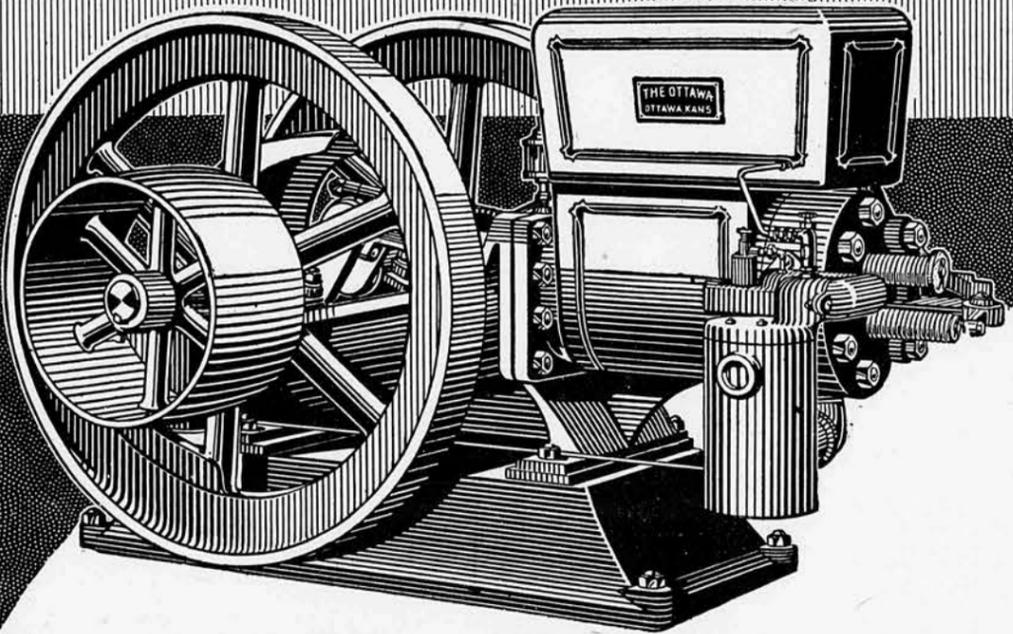
F. S. Kirk, Mgr., Care Manhattan Hotel, Wichita, Kan.



Let Me Ship You An Engine To Earn Its Own Cost While You Pay For It!

ARE you satisfied to be without an engine? If so, you will be wasting time in reading more. If you are doing your work in the shortest possible time, without any engine, and have plenty of spare time for all the odd jobs you want to do, then you would not want any engine. Or, if you have an engine, which is easy to start on the coldest morning; operates as easily on kerosene as on gasoline; never gets out of adjustment; and, needs no expensive repairs; then you would not want a better engine. But, if you do not have an engine, or if your old engine is not all this, write me your address, so I can tell you why my engines are better built; and why I am not afraid to let any honest man have my engine on trial.

GEO. E. LONG.



Here Are My Latest Prices

F. O. B. Factory

Stationary Engines

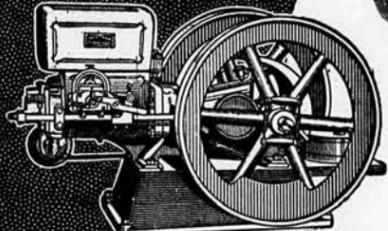
1½ H-P.	\$25.75
2 H-P.	31.95
2½ H-P.	38.90
3 H-P.	49.50
4 H-P.	66.75
5 H-P.	72.50
6 H-P.	93.90
7 H-P.	98.50
8 H-P.	124.75
10 H-P.	139.50
12 H-P.	191.50
16 H-P.	245.50
22 H-P.	369.90

Portable Engines

1½ H-P.	\$30.40
2 H-P.	36.40
2½ H-P.	44.90
3 H-P.	58.50
4 H-P.	81.75
5 H-P.	99.75
6 H-P.	119.75
7 H-P.	124.75
8 H-P.	149.95
10 H-P.	174.50
12 H-P.	229.50
16 H-P.	289.50
22 H-P.	439.90

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Kerosene, Gasoline, Distillate and Gas



The OTTAWA Gasoline Engine, when on mbbase - Magneto equipped, requires no batteries for starting or operating.

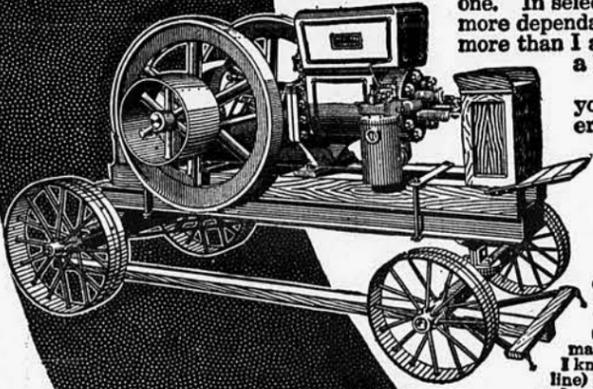
For almost a quarter of a century, any honest man has been able to get my engine under terms by which the engine paid for itself while he used it—because, OTTAWA engines use less fuel, give more power from a gallon of 6-cent kerosene, than any gasoline engine gives from a gallon of 20 or 25-cent gasoline. Having fewer parts, they are not likely to get out of repair. They are easy to start and operate by the man who has had little or no engine experience. By my liberal plan of selling, it is cheaper to own an engine, than to be without one. In selecting the OTTAWA you are assured a more dependable, better built engine. You can pay more than I ask for an engine, but you cannot get a better engine for twice my price.

may have for it to do. Write me your name and address, so I can tell you all about my 90 days trial offer and my very liberal 10-year guarantee.

Direct From My Factory or Warehouses At Omaha, Denver or Ft. Worth.

From our factory in Ottawa, one of the largest in America manufacturing gasoline and kerosene engines, carload lots are shipped to our branchhouses. You can have your engine shipped from the warehouse nearest you, and make a big saving in freight. You get your engine more quickly—no delay in transferring, but prompt delivery to you at less cost.

OTTAWA engines are built to suit you—not what is the cheapest and easiest for me to manufacture. I give you your choice of fuel-saving Hit and Miss, or Throttle governor; reliable Make and Break or Jump Spark (Automobile) Ignition; and, High tension, Gear driven or Friction drive magneto. You have 68 sizes and styles to choose from. OTTAWA engines are built to meet your needs—my new book tells the whole story. Get it before you choose any engine.



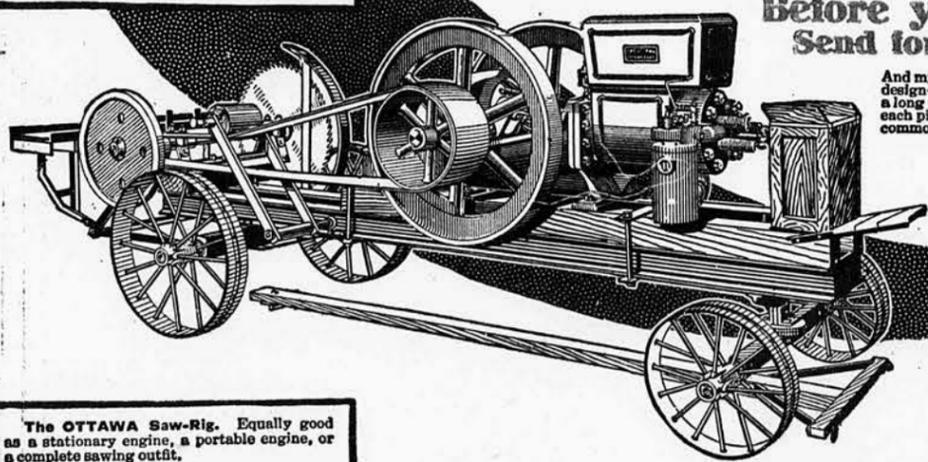
The OTTAWA Kerosene Engine mounted on a heavy steel truck—complete with all equipment, ready to start as soon as received.

90 Days Trial, and 10-Year Guarantee

For a longer time than any other engine manufacturer, I have been selling engines on trial, direct from my factory to the man on the farm and in the shop. I have never been afraid to trust my engine in the hands of the man who had little or no engine experience, because I know OTTAWA engines, (either kerosene or gasoline) are easy to start—they are easy to keep running, and are easily understood by the man who has never operated an engine. Now, just as in the past, every OTTAWA engine must make good all I guarantee, and you have 90 days (3 whole months) in which to try the engine at your own work. I want every man who gets one of my engines, to give it an honest, hard working test at whatever he

Cash, or Easy Terms.

Longer than any other present manufacturer of gasoline and kerosene engines, I have been making engines and selling them direct from factory to the user. You will find my engines every where you go. Every where they are used, you will find Ottawa boosters. I couldn't have had my thousands of boosters without my engine was worth boosting, and my fair treatment of each customer had made him my friend. Space limits me from telling you here all about my engines—my big factory with its mass of machinery and my plan of selling. My new book shows everything. When you read it you will know better engines where ever you see them.



The OTTAWA Saw-Rig. Equally good as a stationary engine, a portable engine, or a complete sawing outfit.

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And my newest and best book tells why I use valve-in-the-head motor design—larger valve openings—offset cylinder construction, making a long power stroke and short return stroke—why I use 4 rings on each piston, where others use three—semi-steel castings in place of common iron. Write today. Use the Coupon, or not—as you like.



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