

April 7, 1917

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CASE



THE FARMERS MAIL AND BREEZE

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



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Farm Editorials



IRRIGATION farming is winning in Western Kansas. The pumping of the water from the underflow will allow the producing of the maximum yields. Efficient machinery is required and it must be operated properly for the best results, but this is necessary in any line. More attention to supplying water to the crops of Western Kansas will increase the profits.

The value of farm pastures is understood better today than ever. Kansas farmers are not over-pasturing the grass lands so much as formerly. There will be more mowing of weeds in pastures this year than ever.

Farm gardens are getting a great deal of attention this year. That is excellent. If the present interest is maintained they will supply a far larger part of the food needed by the farm families than has ever been obtained before.

A cheerful temper, joined with innocence, will make beauty attractive, knowledge delightful and wit good-natured. It will lighten sickness, poverty and affliction; convert ignorance into an amiable simplicity, and render deformity itself agreeable.—Addison.

Sudan grass is a coming crop in Kansas. This fact is appreciated generally, and the price of seed is high. It is probable that it will sell at big prices for several years. Why not get 2 or 3 pounds of seed this year and raise your own seed for next year?

The future of farming in Kansas depends on more attention being given to soil fertility. Unless this is considered carefully the yields will go lower and lower until they pass below the point of profitable production—they have already reached that point on many farms. A good crop rotation, with a large acreage planted to the legumes will do much to maintain the yields.

Road Making

Road making in Kansas is largely a matter of moisture control. When soil contains too much water it becomes mud, and when it has too little moisture it becomes dust. But there is a certain moisture content at which soil packs hard. And this is just about the amount of moisture that a soil will hold readily. This usually can be maintained in a road that has good drainage, that is well crowned so the water will run off when it rains and that is free from grass and weeds. These if allowed to grow, will soon draw the moisture out of the soil and so remove the binding material.

Rural Opportunities

The drift of the country young men to the cities has come to a stop. We are hearing a good deal of the movement to the farms, for the living costs in the cities are impossible these days for all persons on ordinary incomes. There is a better appreciation of the opportunities of the country than there has ever been before. This means a brighter and better rural life in Kansas.

High prices will prevail for farm products from now on—there will never be a return to the low levels of the past. The prices of farm products in the future will be based on the cost of production, for the days of over-production have passed. Higher labor incomes will be obtained by farmers in the coming years. Young men should stay with the farms if they expect to get the most from life.

About Schools

Some progress is being made with the schools. Fortunately a part of this is coming in Kansas. Estimates made by the United States Bureau of Education carry some big figures. It is reported that 23,500,000 persons attended schools of some kind in the United States last year. That is about 24 per cent of the inhabitants of the entire country, and the

percentage compares quite favorably with similar percentages from other countries as follows: Great Britain, 19 per cent; France, 17 per cent; Germany, 20 per cent; Russia, 4 per cent. In 1914 the number of pupils in kindergartens and elementary schools was 17,935,000. In 1915 the high school pupils numbered 1,329,000. Of the 706,000 teachers in the United States 169,000 are men and 537,000 are women. While the number of men teachers has increased but slightly since 1900 the number of women teachers has almost doubled. In the public elementary schools the number of men teachers has decreased 20 per cent and the number of women teachers has increased about 8 per cent. The average annual salary for teachers is \$525.

Farm Poultry

More attention to the poultry on Kansas farms will result in larger returns. This attention is needed especially in 1917, for the price of eggs probably will be high all thru the season. Especially is care needed with the feeding, to provide a good balanced ration so the highest egg production can be obtained. Feed plenty of sour skim milk and alfalfa leaves—two feeds high in protein that can be obtained easily on the average place. Kafir or corn and some bran fed as a moist mash will round out the ration.

Of course there are dozens of good rations—almost every breeder has one he has worked out himself. The ideal should be to get a well balanced feed and at the same time to raise as much of the ration on the place as possible. In feeding it must be remembered that while much of the ration of the average farm flock may be obtained on the range, considerable feed must be given anyway if the highest egg production is to be obtained. The hens should be watched carefully, so it will be possible to judge the amount of feed obtained on the range.

Can the Vegetables

In making the farm gardens in Kansas this year it would be a good idea to grow more vegetables than the family will require during the summer, so there will be a surplus to can. The products of the garden may be canned at a nominal cost and with very little work. The purchase price of glass jars with glass tops is from 70 to 90 cents a dozen, but with ordinary care they will last a lifetime. Rubbers for these jars can be purchased at the rate of two dozen for 5 cents and can be used for two years. The glass jars having lids that screw on are more expensive because they require a good grade of rubbers costing 5 or 10 cents a dozen, and there is often some trouble in making the lids fit.

Results of a recent study showed that it cost a canning factory only 4 cents to produce a quart can of tomatoes. In home canning with the vegetables on hand, the expense should be less. The jars may be kept in constant use and therefore cannot be charged against one season's canning. Such vegetables as pumpkins, summer squash, carrots and cabbage can be kept in a dark, cool place until late in the fall before being canned.

Livestock Production

Seven reasons why the keeping of livestock is essential to sound agriculture were set forth in an article by George M. Rommel recently. Briefly, Mr. Rommel's seven reasons are to maintain soil fertility, to use raw material, the need of motive power on the farm, a larger cash income, the added attractiveness of a farm on which there is livestock, the training in business sense obtained by keeping animals, and better and more economical living for the farm family.

To maintain soil fertility, says Mr. Rommel, humus is necessary. This can be obtained from two sources—green crops plowed under, or barnyard manure. When green crops are plowed under, however, no direct revenue is obtained. By feeding these crops to livestock, valuable products that can be exchanged for cash are obtained. At the same time the manure produced by the animals retains a large percentage of the fertilizing value of the feed. For this reason it is more economical to feed than to plow under without feeding, and the most

practicable source of humus is good stable manure.

A farmer with livestock is from one point of view a manufacturer. He takes lean, unfinished animals and grain or forage as his raw materials, and by combining them produces beef, mutton, pork and dairy products. Like all manufacturing, this process must be conducted with skill and intelligence if it is to pay, but if a farmer possesses these qualities he derives a larger profit than he could obtain thru the sale of crops and animals in the raw state. Furthermore, there are many products on the farm which bring little or nothing on the market. They can, however, by skillful management be made to assist in the production of meat.

Money at 5 Per Cent

The Federal Farm Loan Board has finally fixed, by resolution, the interest rate at which Farm Loan Bonds will be sold and the interest rate on loans extended to farmers. The bonds will bear 4½ per cent and probably will be sold at a premium. The interest rate to farmers will be 5 per cent. The interest rate which will be charged the farmers is 1 per cent less than the maximum provided by the Federal Farm Loan Act.

This determination on the part of the Farm Loan Board, reached after a careful consideration of every factor in the situation, means a big financial saving to the farmers of the United States. The present farm mortgage indebtedness of the United States is 4 billion dollars, and the average interest rate is 7.4 per cent. A reduction of this rate to 5 per cent on the present volume of farm loan business means an average saving to the farmers of nearly 100 million dollars a year. This takes no account of the greatly increased volume of loans certain to follow the decreased interest rate. The determination of the interest rate to the farmer is based on the rate fixed on the Farm Loan bonds. Under the law the Farm Loan Board is permitted to add to the interest rate on the bonds a maximum of 1 per cent to pay the cost of operating the Farm Loan banking system. The great volume of business assured the 12 Federal Land Banks at the start has induced the Board to limit the cost to ½ of 1 per cent, so that since the bonds will bear 4½ per cent the rate of interest to farmers will be 5 per cent.

The average rate on farm mortgages in Kansas is 6.9 per cent, and the present volume is \$180,706,000. Full information about organizing local Farm Loan Associations can be obtained from The Federal Land Bank of Wichita.

A Basis for Farming

Crop rotation and livestock are two of the essential factors in a permanent agricultural system. The biggest factor, however, in profitable farming is not a physical factor. The biggest factor is, as in any other business, the ability to think intelligently along the line of that business.

The question in successful farming is, How can one increase the profit? To answer this one must reduce the unit production cost. This may be done either by reducing the labor cost an acre, or by increasing the yield.

Production with crops is determined by three factors—climate, crop and soil. Climate is a fixed factor, and man must adapt his methods to it. A diversity of crops will be more likely to bring profit than a one-crop system of farming. A good year for one crop may mean a poor year for another. Planting only one kind is like putting all of one's eggs into the same basket.

Crops must be of the kind most suitable to both the climate and the soil. Winter wheat has proved more adapted than spring wheat in Kansas, and has largely replaced it. Kafir, because of its large root system and comparatively small leaf area, is successful in this climate. Alfalfa can lie dormant and wait until the moisture comes. Early spring sown crops are the ones best adapted to the Kansas-Nebraska region.

The fertility is lost when either the nitrogen or the organic matter is gone from the soil. A lack of organic matter results in a decreased yield, a waste of moisture and the washing away of the soil. One farm will not supply enough manure to provide all the organic matter that must be put back into the soil, even if it is put on properly where it is needed. The use of straw and a rotation of grass crops will help.

In one section of France the peasants find it more profitable to farm one-half their land and to use the other half for pasture, thereby keeping up a crop rotation. While this system is not always possible, more livestock would require more grass land and would help to provide for a systematic rotation. There has never been a permanent system of agriculture without livestock and a good crop rotation to conserve the fertility of the soil. Nebraska.
W. W. BURR.

DEPARTMENT EDITORS

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

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Passing Comment—By T. A. McNeal

Compulsory Military Service

At this special session of Congress there will be a strong effort made to pass a universal compulsory military service law. The advocates of the measure consider that this is the opportune time to push it, and in that they are correct.

The great majority of the people just now are united in the sentiment that our government should do whatever is necessary to protect our interests and carry on the war, if we have one, which seems inevitable, to a successful close. If there ever was a time when the people would be willing to stand for compulsory service it is now.

But compulsory military service is not necessary as yet, so far as this war is concerned, and is not likely to be. If it becomes necessary in this war we can have it. It is not the purpose, however, of the advocates of this measure to use it simply in this war. It is the purpose to fasten upon us permanently a system of compulsory military service. In other words it is the purpose to establish militarism in this country.

The present war will end soon I hope, but certainly within a year or two. If it lasts two years the nations of Europe will be so exhausted that a plan for general disarmament will be welcomed. Especially will this be true if the absolutism of Germany is succeeded by a republic, as is almost certain. We will, of course, during this period, have organized and equipped a large army, and it certainly will be time enough to determine at the end of the war what military policy we will adopt for the ensuing period of peace.

It is my belief that back of all this clamor for compulsory military service are the great corporate interests of the country. They expect the government to have a trained army to protect them in case of industrial disturbances. I do not believe that well informed men really think that this nation is or will be in danger of attack by Germany after the present war. I cannot understand how any man with enough sense to go to bed when he is sleepy can believe any such foolishness as that. That talk is being put out to fool the people.

But, as I have said, there will be a powerful attempt made to put a universal compulsory service law thru at this session of Congress. If it cannot be put over now it never can be, and the advocates of the measure know it.

If you are opposed to compulsory military service write to your congressman at once, or better still wire him your protest.

Soil Waste

An agricultural survey is said to disclose the startling fact that in Eastern Kansas the productive capacity of the land under cultivation is 30 per cent less than when the first records of crops were kept in this state. Necessarily a report of this kind is inaccurate. It would be manifestly unfair to compare the crops of any single year with the crops of a single year 50 years ago. Climatic conditions in Eastern Kansas have been bad for the farmer for the past three or four years. If these conditions should change the crop this season would show a decided increase over the crop yields of several seasons past. The fact remains, however, that the soil fertility is being exhausted. In New England years ago many of the farms became so worn out that they were abandoned. In many other sections of the country the soil fertility has been so depleted that it is hard work for the farmer to make a living.

Our methods of farming in most of the country are wasteful in the extreme. Landlordism is increasing constantly, and landlordism under our system means depletion of the soil. We are still a very young nation. Most of the great Mississippi Valley, the greatest agricultural area in the world, has been settled within a single generation. If it is true that this comparatively virgin soil has decreased in fertility 30 per cent already, it is time for people to do some mighty hard thinking and casting about for a remedy. Prices of foodstuffs already are alarming. If the soil depletion goes on unchecked for another 50 years at the rate it has been going for the past 50 this country will not be producing enough to feed its own people. And when that time comes where will be found the food to supply the deficit? We think we are tolerably se-

cure and powerful at the present time. We think our country is in no danger and that the people are filled with patriotism. That is, I think largely, true at present, but let the time come when there is not enough food to supply the needs of the people and you will find patriotism rapidly declining. A hungry people will be ready for riots and revolution. Of course riots and revolution will not cure the trouble when the soil has been exhausted. I believe the solution is the great community farm which I have tried to outline in another column, but whether I am right about that or not, there can be no doubt about the gravity of the present situation. We are steadily and rapidly drawing on our capital without making provision to replenish it. With the exhaustion of the fertility of the soil, if that time comes, will also come the end of government, the end of civilization and the return of savagery.

Thinks I am Inconsistent

I have a long letter from my old time socialist friend, John Fisher of Marion county. John is a German but has no sympathy with the Junker element of Germany, the Hohenzollern dynasty or German militarism. In fact he had to leave his native land because of his outspoken criticism of the German government.

I have published several of his letters which brought down on his head the wrath of numerous German readers of the Farmers Mail and Breeze because of what he said about Junkerdom and German militarism.

While denouncing the German militarism John Fisher always confessed his strong sympathy for the German people. He also was consistent. He detests anything that savors of militarism. He believes that this government should not have taken any hand in defending or protecting our ships against German submarines. Now that I have indicated that despite my detestation of militarism when the test comes I will stand by the President, who probably will use military force to protect our rights on the seas, he accuses me of inconsistency.

And let me frankly confess that he may be right. I am not always consistent. There are times when I cannot be. It seems to me that it is essential to the cause of human liberty and the liberty of the German people themselves that the Hohenzollern dynasty be overthrown, and the sooner the better. I have concluded that if the United States takes a hand in this war it may hasten the desired end, and that with the downfall of that dynasty there will follow a German republic, one of the most advanced, efficient and liberal in the world. If such a republic is established it speedily will be followed by the overthrow, I hope, of every kingly government in the world. Then indeed the world will be ready for disarmament and the permanent overthrow of militarism. Without that the overthrow of militarism is impossible. So to accomplish the desired end I am willing to endure temporarily even militarism. I am willing to be called inconsistent and accused of changing front.

I have not changed, however. I hate and abominate militarism more than ever. Never has war seemed to me more utterly wicked than now. But it seems that the present war is the logical and inevitable result of causes that were in existence long before the war started.

There is a school of medicine based on the theory that like cures like, and when the body is diseased the men of this school first try by diagnosis to find out what sort of poison caused the disease, and then give as an antidote a similar poison.

It appears to me in this particular case that the terrible disease of war can be stopped only by a more powerful war. Then must come the healing, the elimination of the causes which originally produced the war. First among these is autocracy. That must be destroyed. But that is not the only cause. Co-operation must be substituted for industrial warfare. Men everywhere must be taught the great lesson that universal happiness and universal prosperity can be obtained by helping one another, and not by trying to tear down.

But if Germany should triumph it would be the victory of absolutism, the triumph of the worst form of militarism. That form of government must be destroyed before the other things I hope for can possibly be attained. I appreciate the good opinion

of John Fisher, because he seems to me to be a man of honest mind who really desires the progress of his fellow men, and who has the courage of his convictions. But I am of the opinion that his criticism in this particular case is wrong.

Cheer Up

I have a letter from an Oklahoma man who cheerfully informs me that by August or before all governments will cease to be operative. There will be three more years of tribulation that "will be universal and in which all men will take an equal part whether they be presidents or paupers and regardless of what part of the earth they shall inhabit." That is not all, however. There is to be, according to this Oklahoma prophet, an entire crop failure in the United States; all that will be raised will not supply the people for one month. Just how we are to subsist during the next three years of tribulation he does not say. All this prediction is based on what he calls "the law of the seven designations, the greatest discovery in the history of men."

The writer has taken the trouble to have a cut made to illustrate his theory. I confess that I am too dull to understand the meaning of his illustration. It is the picture of a huge and patient looking lion on whose back seven kings are seated. They have profuse whiskers, and one king seems to have had a smooth shave before going out to ride. Naturally one would suppose that a lion with that sort of a load would look more or less worried but apparently there is not a wave of trouble rolling across that lion's peaceful breast. The writer uses up six closely written pages but after learning that the jig would be up on or before August 1 anyway it seemed rather useless to bother about trying to find out what was going to occur to us after that.

Judging from many letters I am getting it looks as if this ought to be a splendid season for squirrels.

Its Own Credit

Your comment on money or credit opens a wide door for misconception. You say 95 per cent of the business of the nation now is done on credit, and the tendency is to increase that method. You then, apparently, approve of the extension of the credit system without making plain the wrong use of credit.

Now, let us have an illustration. For example, our Independence people want to spend \$60,000 for an electric light plant. They propose to vote bonds and sell them to the capitalists. The bonds bear 5 per cent interest. If they run 10 years the interest amounts to \$30,000 which is virtually thrown away in order to procure the bankers' permission to use our own credit. This is paid by small home taxpayers as well as those having the benefit of this electric light in their business. That is a false system. Why cannot our city government issue \$60,000 in bonds of small denominations to be purchased by those who want to use electric lights? The bonds to bear no interest but to be redeemed with the profits of the plant as fast as received by the city.

Independence, Kan. D. H. GOOD.

There is a valuable suggestion in the foregoing but under our present tax system it could not be carried into effect. The city would have the right to issue non-interest bearing bonds but these could not be taken in, I fear, in payment dues for electric light charges. The city, however, should have the power to do that very thing. Unless there was some provision that would enable these non-interest bearing bonds to pass current I scarcely believe that the prospective users of electricity for lighting, heating and other purposes would be willing to buy them except at a discount, which, of course, would be equivalent to making the city pay interest on them.

If the city had the right to control its own taxes, it might issue these non-interest bearing bonds and then take them in payment of any taxes due the city, retiring them as fast as received in payment of taxes.

What I think would be a better plan for permitting the city to use its own credit would be this: Let the city be permitted to issue a series of non-interest bearing bonds up to, let us say, 10 per cent of the assessed value of the taxable property of the city, these bonds to be payable in two, three, four years and so on; these bonds to be deposited in the treasury of the United States as security for currency to be issued to the city; this currency to be made legal tender in payment of taxes and other obligations, public and private. Whenever this national currency is received in payment of taxes by the city it is to be cancelled and forwarded to the

United States Treasury where it will be credited against the city bonds there deposited and whenever the amount of cancelled currency deposited with the United States Treasurer by the city amounts to the face of one of the city bonds that bond to be cancelled and returned to the city, re-marked "cancelled and redeemed."

Of course the privilege that I would have extended to my own city would be extended to other municipalities such as cities, states and counties. Any of this currency would be received as taxes by any one of the municipalities, just as United States bank notes are receivable by any bank. In the payment of taxes Topeka might receive currency issued to the state of Kansas or Missouri, or Kansas City or Independence, but no matter to what state or municipality issued, when paid for taxes it would be cancelled, forwarded to the United States Treasury and credited to the bond redemption fund of Topeka. As bonds were redeemed and retired new bonds would be issued to supply the needs of the various municipalities and the volume of currency would expand automatically and contract as the needs of the people might require.

This, in brief, is my plan for permitting the people to use their own credit without being compelled to hand it over to money lenders and then borrow it back and pay interest on it.

About Co-operation

I have just read your article headed "The Conference" and note what you say in regard to co-operation. Now the word co-operation means more than just the farmers as a class organizing to get all they can for their products. It means making the route from the producer to the consumer so short that there will be fewer toll gatherers along the line who do nothing but simply take toll. I am going to define a thief. A thief is one who by manipulation or other means takes dollars, merchandise or anything of value from another without rendering a fair equivalent.

I have heard a minister say that this co-operative movement is the only business a person can put his whole soul into and not in any way do that which is contrary to the teachings of the Nazarene. The laws of our great state suggest how this business can be conducted. Invested capital is paid what capital is worth. Labor is paid what it is worth. After paying these if there is still a profit to whom does this belong? Let us take a case by way of illustration. Suppose there is a mercantile institution in the capital city with a capital of \$200,000. Counting interest on the capital at 7 per cent the interest is \$14,000. Suppose the cost of labor in such an establishment is \$8,000 a month or \$96,000 a year. Rent may be \$3,000 a month or \$36,000 per annum. If such an establishment makes a gross profit of \$500,000 per annum, deducting interest on capital and expenses for rent and labor of \$146,000 leaves a net profit of \$354,000. To whom does this belong? The business world would say to the man who supplied the capital. Co-operation would say to the persons who paid too much for what they bought. With a state owned packing plant, and state owned mills the problem would be solved. I have come to know you and it is generally understood that you are not a financier as the world understands the term, but I am in the same boat. I wish to drop this thought; you have a different idea about right and justice than many financiers.

They are always on the lookout for some one they can get in a corner and force to pay more than the thing he buys is worth or to sell the thing he has to sell for less than it is worth. I would rather when my journey on earth has ended that people would say of me "Here lies one who did what he could to advance the co-operative movement," than that it could be said "He made a million."

I have written somewhat at random, but the point I wish to make is this: true co-operation is not a class affair, and in the co-operative movement among farmers the leaders are not at all narrow on this line. Many are in it for the dollars they get out of it, but such are not the real co-operators. Digressing again somewhat, one thing we need is a co-operative bank, and in time we will have one. We also will extend the same principles to the railroads. Then when the legislature meets there will not be the great hordes of lobbyists around the state house.

Agra, Kan. W. C. WHITNEY.
I should like to think that all the leaders of the co-operative movements have the broad view taken by Senator Whitney, but I fear they do not. It seems to me that many persons take a narrow and selfish view, which under our present economic system I must admit is the natural view, but not the one which will reform the world.

Truthful James

"The general outlook for crops ain't so awful bright," remarked Truthful, "but it looks to me as if there is goin' to be an overproduction of nuts this season. I saw the other day where the superintendent of a bug house said, and seemed to prove it, too, that more and more persons are going crazy every year. That doesn't mean that there are more crazy people just because there are more people in the world, but there are more in proportion to the population, and if his reasoning is correct it's only a question of time until everybody in the world will be crazy. This war has made a lot of people nutty and a lot more will be if it lasts much longer.

"A man stopped me the other day and he had a plan that would stop all this U-boat business if the heads of the government only had sense enough to put it into operation. I asked him what his scheme was and he said that it was to put magnets all thru the zone where the U-boats are operatin' about 50 miles apart. Each of these magnets is to be powerful enough to pull a U-boat a distance of 25 miles. Then he would have war ships stationed round these magnets and when the U-boats were drawn up by the magnets take 'em in. He said that if his plan was followed, inside of a week after the magnets were placed there wouldn't be a German submarine left. I asked him if the magnet was powerful enough to

draw the U-boats why they wouldn't draw all the other ships, too. He said he had thought about that and his plan was to demagnetize the other boats. 'But,' he says, 'what's the use? Them fellers at Washington haven't sense enough to grasp a big idea like that.'

"It is my opinion," continued Truthful after ruminating a few minutes, "that lyin' is simply a form of insanity. The real, habitual liar just imagines things are so that ain't so just like any other lunatic and tells 'em for the truth. There was Tiger Jack, for instance. Tiger Jack was one of the most pict-

Food Situation More Serious

Governor Capper Again Urges the Greatest Possible Production of Crops.

To the People of Kansas:

A conference was held in Topeka, March 15 on the call of your governor to consider ways and means of meeting the food shortage which threatens the nation and the world. The conference was attended by leading farmers, members of farmers' organizations and experts from the Kansas State Agricultural college and from the University of Kansas. The day was spent in a thorough discussion of the serious situation in which the world finds itself, owing to the rapid disappearance of all surplus food supplies. The conference issued a patriotic appeal to the people of Kansas to increase, in every possible manner, the acreage of food crops, to utilize all waste tracts of ground and vacant lots in cities and towns; to encourage the youth of the state to cultivate the soil; to preserve all surplus food grain this year by canning or in storage; and the National government was asked to create a Federal Food Commission clothed with power to regulate and control the storage, distribution and transportation of all food products whenever necessary to prevent oppressive concentration and manipulation of food products. The conference resulted in a fuller appreciation by the people of the state of the gravity of the food situation, and there has been a prompt and commendable response to its appeal, further emphasized by the United States Department of Agriculture, which has since issued a statement urging the fullest possible food production this year.

But in the two weeks that have intervened since the Kansas conference the crop conditions, especially in the winter wheat belt, have grown steadily worse, and the likelihood of the United States becoming involved in war has increased rapidly.

I am constrained, therefore, again to urge upon our people that every effort be made, both to increase the production this season and to conserve stocks of food on hand. The great need which is certain to confront us cannot be over-emphasized.

The probabilities are that even a larger acreage of winter wheat than was feared will be a total failure. This land must be utilized for corn or the sorghums—whatever crop is best adapted to the soil.

Both the Kansas State Agricultural college and the University of Kansas, thru their extension divisions, are doing good work in encouraging garden clubs and similar projects. The commercial and civic organizations in many cities have already rendered good services in encouraging the utilization of vacant lots and waste pieces of land. I urge the press of the state to continue agitation for the next few weeks. There are in the state thousands of acres in cities and towns which may yet be utilized, and there is hardly a farm in the state on which there are not unutilized tracts which can be planted profitably to potatoes or other vegetables.

It is especially important that adequate arrangements be made, as suggested at the conference, to preserve, by canning or in storage, all surplus products for winter use. The organization of canning clubs, such as have proved so successful under the direction of the agricultural college should be encouraged in every county.

One of the main problems confronting the farmers of Kansas is the question of labor. If there be a call for troops in large numbers, this situation will be still further complicated; everything should be done, therefore, to encourage our young men to seek employment on farms this season. There are thousands of high-school and college boys who could be pressed into service. The nation's need for them in the field where food is grown is as great as the need in the trenches or on battleships.

I am glad to learn that the bankers of the state realize the gravity of the situation, and in many cases are co-operating beyond their usual wont with tenant farmers and with others who need financial assistance in putting in their crops.

It is a time for the people of Kansas to stand together and to co-operate in meeting the nation's need. Patriotism can be manifested in no more practical manner.

Arthur Capper
Governor.

uresque and earnest liars I ever knew, and when Jack was in his prime it wasn't safe to dispute one of his lies. He was some fighter as well as liar and didn't want any galoot to dispute his word. One day Jack and I were down by the Medicine River when Jack went up to a big Cottonwood tree and looked at it earnestly for quite a while. Then he says 'Here was where I had about the closest call a feller ever had I reckon.'

"What was it?" says I. 'Why,' says Tiger Jack, 'one day I was huntin' buffalo down here on the river when I wounded a buffalo bull. He was the biggest bull I ever see. Now I want to tell you that when you wound a buffalo bull and don't put him down and out there is something doin' and I see at once that it was time for Tiger Jack to hunt for shelter. I saw this here tree about 100 yards away and made for it. These here professional foot racers didn't have nothin' on me. I made that 100 yards in just 5 seconds flat. And mind you that bull was right on my track. He was so close that I could feel his hot breath blowin' on the back of my neck as I run. I just did make it to this tree and dodged behind it and commenced to circle round it with the bull a circlin' right after me. But he couldn't turn quite as fast as I could and I gained a little on him till at last I was just opposite to him, him on one side of this tree and me on the other. Then I commenced dodgin' to the right and left first lookin' at the bull on one side of the tree and then from the other. That confused him and sort of forgettin' himself he charged right at the tree. You see that the trunk of this tree is 4 feet across. Well, I'm a tellin' you that the head of that bull was so big that one horn went on one side of the tree and the other horn on the other side. Right then was where Tiger Jack did some lightnin' thinkin'.'

"Yes, sir, I just jumped and grabbed around that tree and caught the bull by both horns. As soon as he found I had him by the horns he tried to get away. He bellowed so that you could have heard him 4 miles and then he surged back. The first surge he blamed near pulled this tree out by the roots but I hung on. The next time he just braced all four feet and threw back his 3,000 pounds of weight and pulled both horns off. And do you know that just naturally took all the fight out of him. He shook his dehorned head and limped away. Did I save the horns? No, I didn't. I've wished a hundred times I had thought to save them horns. It would have saved me once from havin' to whip a tenderfoot who hed the nerve to question the truth of that story, but in them times buffalo horns was so plenty nobody thought about savin' them.'

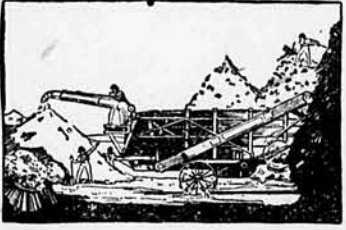
"There was another time," said Tiger Jack, 'when I was in a close place. I was ridin' a buckskin pony one day when along come a herd of buffalo. That herd was 3 miles wide and 8 miles long of solid buffalo, and the first thing I knew I was right in the middle of it. Then that blamed pony stumbled and fell. That was another time when Tiger Jack had to act quick and think quick. When the pony went down I see that there was just one thing for me to do unless I wanted to be run over and tramped on and that was to jump onto the back of a buffalo. That was what I did, but I didn't want to be just ridin' along with that herd, so I commenced to jump from the back of one buffalo to another and kept that up until I had jumped 1½ miles and reached the outside of the herd. While I was makin' it to one side of that herd them buffalo had traveled 8 miles straight ahead and I had to walk that distance back to camp. No, I never found the pony. All I ever found was a piece of the horn of the saddle about the size of a hickory nut.'

"While Tiger Jack was telling me these things," said Truthful, "he looked me square in the eye and never gave any indication that he didn't believe what he was sayin' or that he expected me to doubt him. I concluded that he was just nutty on the subject of lyin'."

Offices to Low Bidders

Writing from Coyville, Kan., J. S. Hobbs says: "While we realize fully that there are great and good men in all political parties—and they seem to be pretty equally divided on most vital subjects—we believe it best to take all state and county offices out of politics and let them to the lowest responsible bidder. I am a farmer and also a contractor and builder. When a city or school district builds a new building or makes some other public improvement, the proposition is submitted to bidders with plans and specifications, and the work is let to the lowest and best bidder who gives a bond to insure the doing of the work according to contract and specifications. Let there be a board of directors who would pass on the qualifications of officials and with power to enforce contracts. Let every proposed law be initiated in the various school districts and there discussed and finally voted on. When a proposed measure had been discussed and voted on in all the school districts in a county and approved by a majority it could be taken up in other counties."

That idea is certainly radical and rather revolutionary but it has more merit in it than most persons might believe. However, I do not believe the people would be willing to surrender so much political power at present, and I am not certain that it would be best that they should. So far as initiating and discussing proposed laws is concerned, why not have the same measure initiated in all the counties of the state at the same time? There would be a better opportunity for the exchange of ideas, and the method would be much more rapid than the one Mr. Hobbs suggests.



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Let's Keep the Fine Soil

Washing Can be Reduced Greatly on Kansas Hills

By A. R. Whitson

THE LOSSES of fertility in Kansas caused by erosion are due to the removal of the organic matter and fine silt of the soil. Organic matter is not only rich in the essential elements of plant food itself, but its decomposition causes important chemical changes in the soil. The finer earthy matter of the soil is relatively richer in the plant food elements than the coarser particles, and also has a larger water-holding capacity.

One result of the removal of the organic matter and the finer silt and clay is that soils which have been washed lose a considerable part of their nitrogen and phosphorus and have a lower water-holding capacity. When not managed carefully in regard to the application of manure and rotation of crops, these soils show a shorter life and are more subject to drouth than soils on level land.

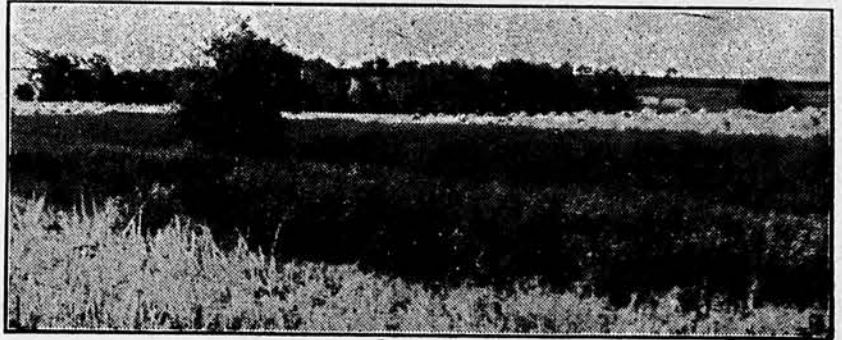
An obvious, but not the most serious, injury produced by erosion is that of the development of gullies and ravines. These are caused by the concentration of streams on side hills, especially after the removal of some protecting feature such as trees, or the breaking of the sod when the land is brought under cultivation. On some types of soils, these gullies are much more likely to develop than on others. They not only destroy valuable land, but also cut the fields so they cannot be worked to advantage.

It is, of course, difficult to measure with any degree of accuracy the amount of soil in Kansas injured by erosion. The land influenced by erosion has been divided into two classes; first, land which is capable of cultivation, but is so steep that the amount of erosion makes it impracticable to use the ground for tilled crops, such as corn, more than one year in a rotation of from four to six years. These fields should be in grass or hay the greater part of the time. The second class includes soil subject to an important amount of erosion, tho with proper care the damage is not sufficient to prevent the ground being laid out in shorter rotations—from three to four years, which may include such common rotations as that of corn, oats and clover.

There are several factors which affect the amount of erosion and the injury it produces. Among the most important are the distribution and amount of rainfall, the character of the soil, the slope, and the condition of vegetation.

Rain falling slowly may be absorbed entirely by the soil and percolate or soak thru it so that none runs over the surface to cause erosion. When the rainfall is so heavy that this is not possible, surface washing begins. The heavier rainfalls which occur in the South, therefore, produce far greater damage than usually occurs in the North. A single storm with 2 to 3 inches of rainfall in the course of a few hours may cause more damage than several times this amount of rainfall distributed so a larger portion can be absorbed by the soil.

It must be remembered that the flow of water over the surface takes place only when it cannot be absorbed by the soil with sufficient rapidity. Soils of a coarse texture such as sands and sandy



Washing Was Causing Considerable Loss on This Field Until the Owner Planted the Sloping Land to Alfalfa to Hold the Dirt.

loams are able to absorb water much more rapidly than heavier soils, and are therefore much less subject to erosion. On account of the fact that they are composed largely of silt or soil grains of an intermediate texture, heavy soils are much more seriously affected by erosion than light soils as a rule.

The degree of slope determines the velocity which water will acquire and its power to erode. Comparatively slight increases in the velocity give the water greatly increased eroding capacity. A stream running at the rate of 2 miles an hour can carry 64 times as much material as one moving at the rate of 1 mile an hour.

Nature's method of controlling erosion is chiefly thru the protection of vegetation. In the case of tree growth, the roots of the trees tend to prevent the development of little gullies and ravines, and under-growth increases the power of the surface to absorb water so that it is held during a heavy rain and permitted to soak into the soil gradually rather than wash down over the surface. The extremely fine roots of grasses have the effect of binding the soil together to even more completely protect it from the eroding action of heavy rains. This is true especially with certain grasses, the root systems of which are masses of fibers.

An explanation of the effect of a grass sod, especially of bluegrass, will be quite evident to one who will take the pains to cut out a block of the sod and attempt to wash the soil out of it. The difficulty with which the soil can be removed as well as the fineness of the roots will astonish any one who has not previously made observations of this kind.

There are several ways in which the tendency of soils to wash or erode can be lessened or largely prevented. Anything which can be done to increase the absorbing power of the soil to permit it to take in large quantities of water which will find its way down thru the soil itself will, of course, lessen the amount which will flow over the surface. The removal of excess water in the subsoil by drainage will have the same effect, since it will permit the soil to absorb larger amounts of new rainfall. Managing the surface of side hills to cause the water to take its way downward, when it must run on the surface, thru channels of the least possible gradient or fall is a third

method. Planning a system of farming for land having considerable slope to include as much hay and pasture land as possible is a fourth method available.

The plowing of side hills as deeply as practicable and along the contour lines has the effect of increasing the amount of water which can be absorbed. This is particularly true if a reversible or side hill plow is used in such a way as to throw the furrow slice up hill. This has two beneficial effects, (1) to return the soil to a certain extent as it is removed, and (2) on account of the position of the furrow slice to permit a larger amount of the water to find its way into the soil than is the case when the furrow slice is turned down hill.

In cultivating corn which is check-rowed, it is important that the last cultivation before it is to be left for a few days be along the side of the hill rather than up and down. But it is important to take care that any small ditches into which the water from the cross rows runs are protected by grass or by sowing to oats or they will be enlarged by the water coming in from these cross rows.

One of the chief difficulties on long slopes is that of the tendency of little streamlets to collect into larger streams, which greatly increases the eroding power. This difficulty can be overcome to a considerable extent by laying out the fields in long and comparatively narrow strips on the side hills so the land in tilled crops such as corn or kafir will alternate with land in grain and hay, thus greatly shortening the distance down hill thru which this accumulation of streams may take place. The sodded strips serve to check the flow of surface water, absorbing it and carrying it off beneath the surface.

When wood is to be cut on hillsides which are so steep that erosion is likely to occur it is best to thin out the trees gradually, allowing grass sod to develop which will hold the soil. By transforming wooded slopes into pastures gradually, erosion can be prevented, while if the wood is all cut off at once, erosion will take place before the grass has had time to establish itself. Even if the land is later to be broken and used for cultivated crops, it will be found that the grass sod will greatly lessen erosion.

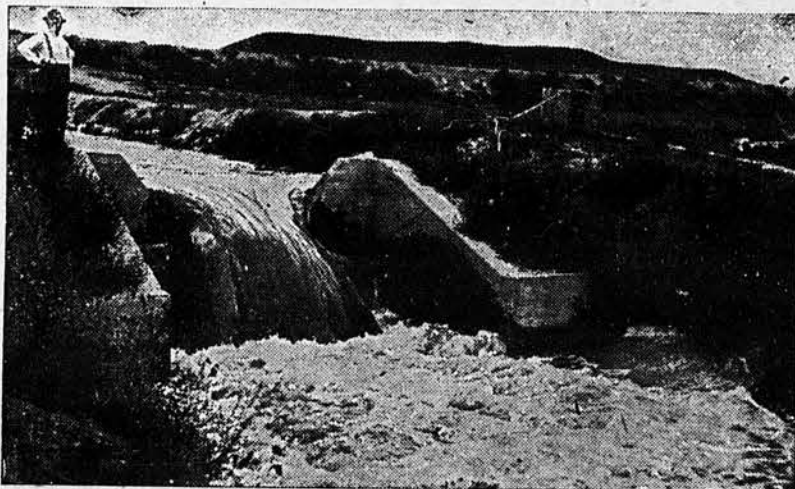
Good Wheat in Johnson

BY ROBERT McGRATH

Wheat is better here than at this time last year. The early planted wheat is best. The acreage of wheat here is not so great as in other years. Fly talk and high priced seed kept some farmers from sowing. We have noticed several peculiarities about how the wheat was affected by the winter. The sloping field with the southern exposure protected the wheat best. The worst damage was done where the winds swept unchecked. Where the hedge or a border of the woods restrained the cold, the plants survived well.

The oats has come thru the ground nicely. The fall plowed seedbed sprouted the oats on this farm about a day sooner than the spring disked bed.

Corn seed is worth \$2 a bushel. Flax seed cost us \$3.25 a bushel this year. Ten acres will be sown. We believe in flax since our good crop last year. We sold the seed at \$1.60 a bushel.



Careful Management is Required With the Water on the Side Hills or Serious Washing will Occur, With a Big Loss of Soil.

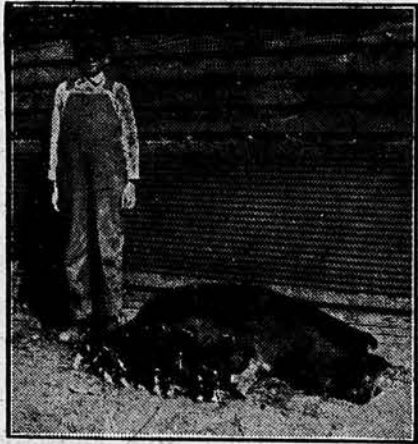
Lincoln Has the Pep

Take a Look at Five Hustling Business Boys

By John F. Case, Contest Manager

HOW OLD must a boy be to become a business man? I think that the work of Capper Pig Club members is going to prove that boys 10 to 15 years old are capable of doing big things, and I can tell you right now that the older boys have no monopoly on pep. Here's proof. Read the letter sent in by John Philip Ackerman, Lincoln county leader and one of the club's live wires:

"Let me introduce to you the Lincoln county live chaps," wrote Philip. "Standing from left to right we have Lionel Holm, 12 and in the 8th grade; John Philip Ackerman, 14, 8th grade; (I am going to keep them lined up); Clarence Metzler, 12, 6th grade, he's the boy I hustled. Sitting, left to right, Donald



Rawlins County Leader, Karl Franke.

Buchanan, 10; and Lewis Schmidt, 14, 8th grade. How do we look? Well, maybe we don't look like so much for we all are young and most of us small, but we are made out of pepper from our top hair to the end of our toes and we are going to prove it. Don't you think the other boys will have to get down and scratch to keep from taking our dust? All our folks are boosting us and the other fellows must hustle if they win the county prize.

"We had our meeting and got acquainted. We had a big time planning and organizing for our run in the contest and we all promised one another not to quit. Really there is no cause to think of it when we think of the many happy things we are gaining and learning by being in the contest. Don't look for Lincoln county to drop out.

"I invited all the club boys to my house for dinner. Lionel had a long ways to come so he came on the train. I hitched up the team and drove 5 1/2 miles to the station to meet him, Saturday morning. Then we went to see Donald who lives 1/2 mile from town and looked at his sow. Donald had misunderstood me and gone to town so we did not get to take him out home with us. Lewis and his father came in a motor car. We had dinner, visited a while, then we got in Mr. Schmidt's car and started for Lincoln. We overtook Clarence and took him along. Then I phoned to Donald and he came to town right away. We had our pictures taken and then we went out and found a place where we could have our real talk. We were in town until 6 o'clock getting acquainted and enjoying ourselves.

"My Poland sow farrowed and found seven pigs. We had not expected them so soon and as I had the chickenpox (which I think should go with the poultry club girls instead of the pig club boys) I did not have her pen prepared. It was a very windy, damp morning and three of the pigs chilled to death. I still have three sow pigs and a boar. Of course I felt badly about losing those pigs, but lots of the boys will have bad luck and I am just as strong as ever for the club and have just as much pep."

Lincoln county may not win the county prize and some other plucky chap may carry off the pep trophy cup, but believe me fellows this group of youngsters is going to do just exactly what Philip says. "We promised one another that we wouldn't quit," said Philip.

Well, here's some more evidence that there's no "yellow" in the Lincoln county club:

"Dear Mr. Case," wrote Lionel Holm under date of March 26: "You told me that I must give my sow plenty of exercise. Well, I can't now because she's dead. Three pigs were born, only one being alive. We called a veterinarian but he couldn't save my sow. All I have left now is one little sow pig and a debt. I admit that I shed a few tears, but I'M NOT GOING TO QUIT. Hurrah for the Capper Pig Club and for Lincoln county."

How many men with "only a little sow pig and a debt" would stand up, clinch their fists, and swear that they were going to stay in the game? Not many, I'm afraid. Bully for Lionel and Philip and all the other Lincoln county boys. I'm proud to be the leader of such loyal chaps as these. And there are hundreds more just like them in every section of the state.

From all over Kansas, county leaders are telling me about get together meetings and the fine visits they had, but many of them were disappointed because of the failure of one or two members to attend. I'm not much given to scolding but you boys who are holding back must be made to realize that in county club work, "All for one and one for all," is absolutely necessary. Lack of interest shown by one boy may bar all the others from a chance at the county prize and will handicap the county leader in his efforts to win the pep trophy. If you haven't lined up with your leader do it today. I'm planning to visit a few county clubs this year that are showing real pep. One thing sure I'm not going to any county where every member isn't in line.

Karl Franke, as I told you before, is the Rawlins county leader and a live wire if ever there was one. Karl's picture along with his contest entry is shown on this page. The Rawlins boys had a meeting the other day but as not all were able to attend no pictures were taken. We will show you this live Western club before many weeks.

Looking over my correspondence for last month reads like a list of casual-

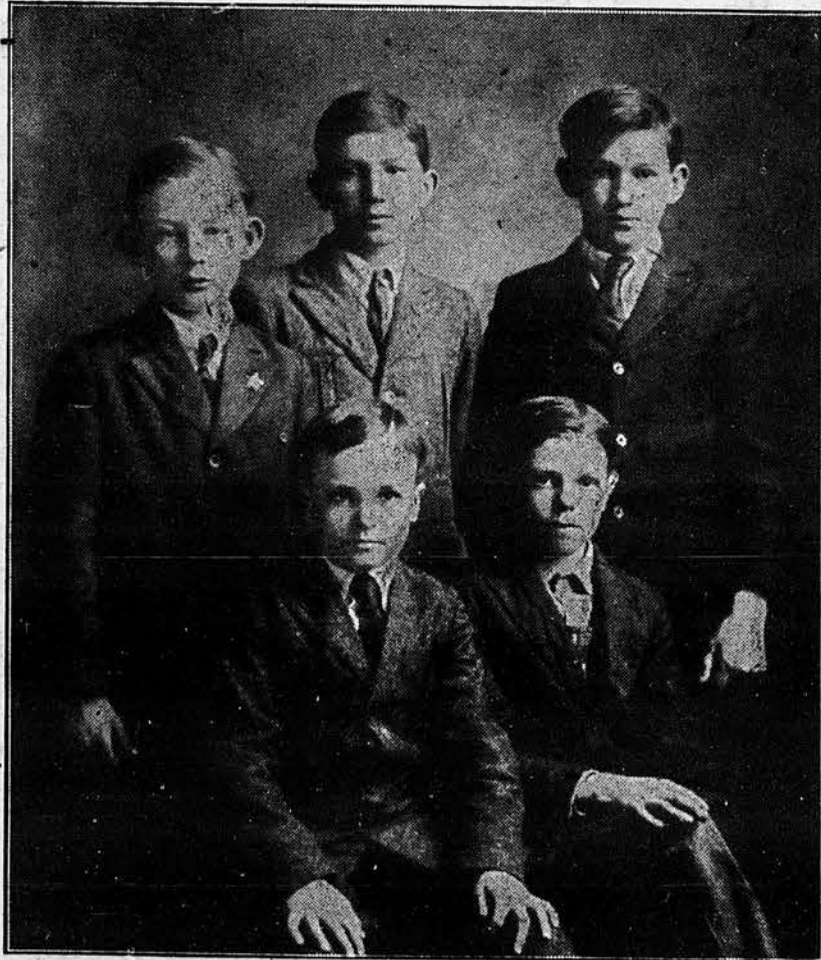
ties from some battlefield. With hundreds of boys in this year's club it is not surprising that many of them have been ill. This has prevented county organization in many counties. With school work over and the danger from disease epidemic past frequent meetings will be held. Perhaps the two boys hardest hit are Patrick O'Meara and Stanley Garrity. Pat has been afflicted with inflammatory rheumatism and is unable to attend school. Following the torture of a badly broken leg this is mighty tough luck. Stanley is still in the hospital at Kansas City, Kan., but is doing fine. I hope you will write him without delay. Send your letter in care of Bethany Hospital.

Breed club election will be held this month. Every club member will receive a letter telling about the boys who are nominated. You may expect it now any day. Candidates have been selected from among the club's live wires.

Who has the largest litter of living pigs to report? Willis Toms of Cowley county reports 12 thrifty Polands that are growing bigger every day. Any of you beat that? Ray Jones tells me that three club members in his county have 23 living pigs and the other boys' sows have not farrowed. Ray's Katie brought ten pigs again. This Reno bunch will bear watching.

Too bad we haven't a whole paper to talk about the club in. As our space is limited which would you prefer: all stories about what the boys are doing this year or a portion of the space given to letters sent in by the boys who made good records in the contest last year? We still have some mighty interesting contest stories that have not been printed. A number of them are from boys who cleared more than \$100 profit last year. It's up to you. In your next letter tell me what I shall talk about. Next week I'll introduce you to the Saline county club led by Boosting Joe Fulton of Mentor, Kan.

Uncle Threadbare has a hard time of it. When his roof leaks it is too rainy or snowy to mend it and when it doesn't leak it needs no mending. And it is the same way with the barn and sheds.



Left to right: Lionel Holm, Phillip Ackerman, Clarence Metzler, Donald Buchanan, Lewis Schmidt. All Lincoln County Should be Proud of These Boys.



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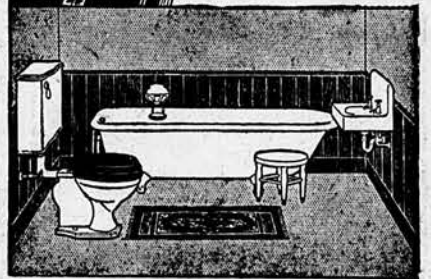
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Graduate Ontario Veterinary College, 1892. 25 years Veterinary practice. Authority on ailments of stock and poultry. Nationally known poultry expert.

Veterinary Advice Free
Write Dr. LeGear about any stock or poultry trouble. He'll tell you what to do and save you Veterinary Fees.
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Don't Feed Poult's too Much

Turkeys that Care for Themselves on Range are Thrifty

MRS. J. E. HUNDY
Goodrich, Kan.

THE LESS attention you pay to the turkeys the more likely you are to raise them. You must let the hen care for them. It is hard to starve a turkey to death but it is a very easy matter to feed it to death. Let turkeys get out and hunt. Turkeys usually are considered too wild to make their nests about the house or barn, but if they are handled properly they will not often steal their nests away. Turkeys as a rule do not like to lay in a nest that is not dark. They will lay about the chicken yard or in the barn; that is, the Bourbon Red hens do, and I believe if handled in a way to encourage them all kinds will do the same.

I raised 79 turkeys last year and fed them nothing. I let them run on the meadow; as it is good for them and the meadow, too. I never saw more hoppers than there were last year, and turkeys mean sure death to them. There is nothing better in the potato patch than turkeys when the vines are covered with bugs. The turkeys soon will clean them all out.

For raising turkeys I would rather have a turkey hen, but nevertheless I do raise some with the chicken hens every year, and have good luck with them. I do not allow them to roost with the chickens as soon as they are large enough to go up in the trees to roost. I fix a ladder so they can climb it. I set the turkey hens and some chicken hens at the same time and then put all of the little turks with the turkey hens. I have shipped eggs to nearly every state and have had splendid success; very few eggs having been broken.

If you have good range the turkeys will pick up their own living the year around when the snow isn't on the ground. Everyone that has room should have a flock of turkeys.

Mrs. Julia Haynes.
McDonald, Kan.

Keep Turks Out-of Wet Grass

Anyone, after gaining a knowledge of turkeys, can make a profit from a small flock if special care is given the young ones during the cool months. They should be kept in the poultry yard at least 2 weeks. If allowed to wander in the grass and get cold and wet they die. The best food for them while in the yard is prepared chick feed, which consists of seed and grain chopped. It should be fed in clean sand several times daily. Curded milk is good after about a week. This should not be given more than once a day as more than that causes bowel trouble. It is best not to give any of them to chicken hens. After the turkeys are feathered I separate the hens from them so they lay again soon. In the summer I give no attention to the last hatch and they find plenty of food. Every hen raises from 3 to 6. During the spring months the nests should be raised with leaves and straw and covered with a large box that has had one side taken out. This protects the eggs from the rain.

Marlow, Okla. P. Dial.

Feed Turkeys Homemade Cheese

I bought a pair of Bronze turkeys for \$2.50 when I was 17 years old. I took good care of my hen and gobbler that summer and at the end of the season I had raised 23 young turkeys.

I do not feed young turkeys until they are 24 hours old. The first feed is cheese made from clabbered milk. I scald the sour milk and drain it in a cloth or colander and then to a half gallon of the cheese I mix a teaspoon of black ground pepper. I feed the turkeys nothing but this cheese until late in the fall when I put them up and fatten them. I feed them cheese five times a day but never give them all they can eat at one time or they will get lazy and not rustle after bugs. I never feed young turkeys cornmeal as it clogs up their throats and smothers them.

Weiner, Ark. Mattie Schaffer.

Hatch Turkey Eggs in an Incubator

I tried various ways of raising turkeys with hens and turkey hens with the result that at about half grown they would sit down and die with apparently nothing the matter. I decided to try my luck with an incubator and brooder. I kept the heat the same as for chicken eggs; 102 the first week, 102 to 103 the second and third weeks and from 103 to 105 the last week. I kept a dish of water under the tray during the whole hatch. I tested out one egg on the tenth day and hatched 20 fine turks. I put them in a clean brooder with plenty of alfalfa chaff on the floor. On the third day I began to feed hard boiled egg run thru the food chopper, shell and all. All eggs were boiled at least 1/2 hour. I toasted bread in the oven until thoroly brown and dry, ran this thru the food chopper and mixed with the egg in equal parts and fed just a little at a time.

These turks grew rapidly. Twelve grew to maturity and were so tame that if a stranger came into the yard to look at the chickens the chances were a 12 to 20-pound turkey would fly on his shoulder and it would be so unexpected that it almost would knock him down. I kept them in the brooder for 4 weeks, then for 4 more weeks we put them in a large box with an old carpet over it. The egg and toast was fed for 4 weeks, then we fed grain sparingly and let them range.

Mrs. E. R. Griffith.
Emporia, Kan.

The progress of the world has been made only thru leadership. Be a leader in your community and give to that community your best thought and co-operation.

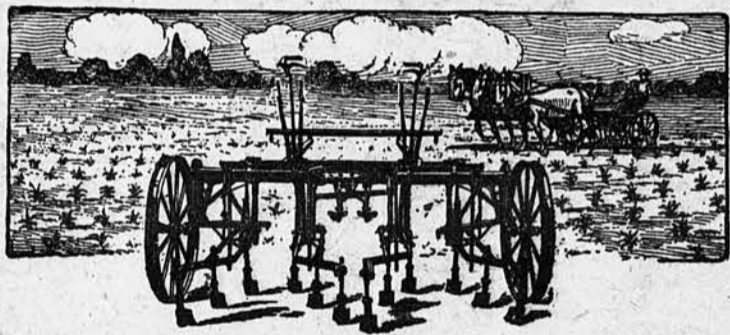
The reichstag, the congress of the German people, can do nothing without the approval of the German house of lords, the bundesrat. The bundesrat is reserved for the nobles and big landowners. The kaiser may kick them both in the slats and does, for the German people are dominated by an aristocracy from the ground up as feudal and as domineering as Russia's. But up to the time this aristocracy declared war it did this one thing which no other aristocracy or republic is doing half so well, it took care of the people that supported it. It provided old age pensions, it housed its city workers, it found suitable work for the disabled and gave the young an education that enabled them to be self-supporting. It is this intelligent selfishness of Germany's aristocracy that has made Germany so united, so strong, so efficient as a nation.

I use baskets for packing. I put excelsior in the bottom and around the sides, and then wrap every egg in paper, stand it on end and pack in excelsior. I put a layer of excelsior on top. I sew a cloth over the top and ship by express.

Get Rid of the Lice

Don't feed little turkeys too soon, and give them plenty of grit and water. Lice and over-feeding are the main causes of loss. The surest way to get rid of the lice is to rub a small amount of grease on the heads of the poult's, and dip the mother turkey in a pail of soapsuds in which 2 tablespoons of coal oil has been stirred. The turkey may be dipped any warm day. I put the little ones in a shallow box in the sun where the mother can see them while her feathers are getting dry and there isn't any danger then of her not owning them. In order not to let the dip get in the turkeys' mouths I hold their heads in one hand while I am dipping them. After the young ones are a month old I dip them if I find any lice on them.

I don't like to feed corn to turkeys as it makes them too fat and that condition brings on liver trouble which nearly always is fatal. Hundreds of turkeys die every fall with liver trouble which is called cholera and various other names. The only preventive I know is not to feed fattening grain and give them plenty of range on alfalfa if pos-



Own a Better Cultivator

BUY an International cultivator because it will cultivate cleaner and injure less corn. Look the machine over first and you will prove to your own satisfaction that the International is a couple of jumps ahead of anything else on the market.

The International line of cultivators is complete. It includes, besides the regular line of rigid cultivators, pivot pole and pivot axle machines with parallel gang movement, combination riding and walking cultivators, two-row cultivators, and an excellent line of walking cultivators. Extra heavy gang equipment can be obtained for use in hard clay soils. A great variety of shovels is available, and sizes can be had from the 2-inch "Bull Tongue" to a 5-inch corn plow.

Study the wheels—the life of any farm machine. The rims are concave, the spokes are large and oval in shape to resist side thrust and cast solidly into the hub under tension. Every spoke supports its share of the load, and will stand up under the hillside work much longer than the average flimsy cultivator wheel.

International cultivators are light draft and easily handled. Any boy that can drive a team can climb on an International cultivator and do good clean work in the average corn field. Write us for interesting catalogues.

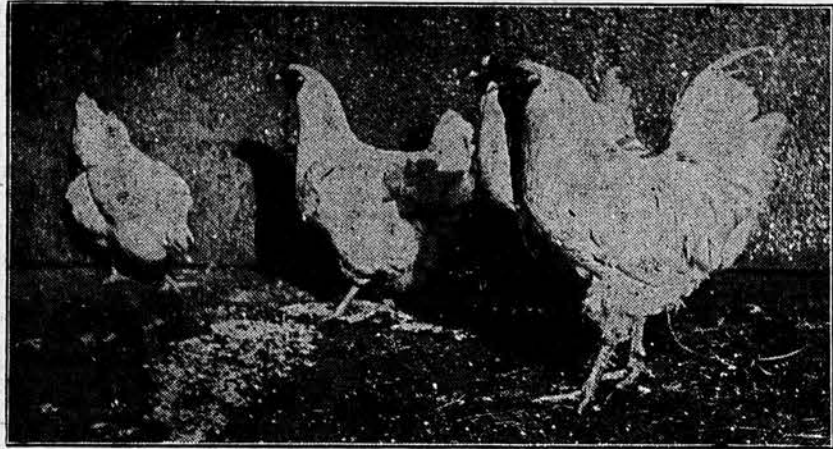
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How the Incubator is a Help

Even in Warm Weather Machine Hatching is Preferred

BY EDITH B. BAGGERLY
Delphos, Kansas



IF ONE WISHES early chickens for market and table, and eggs for fall and winter, an incubator should be used. I have a standard make incubator. It is about 13 years old and I still get large hatches from it. I start my machine between February 1 and 15.

To be sure the incubator is clean before starting, I disinfect it just before putting in the eggs. I fill the pipes with hot water and put the eggs on a tray after the heat is up, then number or mark every egg. I air the eggs each day until the third day by pulling out the tray and putting it back again. If left out you may ruin your hatch the second day. The third day I begin turning the eggs. I turn every egg twice a day, 12 hours apart if possible. After 10 days and two weeks, or when heat is easy to keep up, cool a little longer than the turning requires.

One gets good results by turning often. Be careful not to run the heat too high. The first week the temperature should be 102½; second 103; and the third 103 or 103½ degrees. If the heat persists in going over 104 degrees, pull out the tray and lay a flour sack dipped in hot water on the eggs and shut the door for a little while. If they are slow about hatching it is a good plan to put a wet cloth over the eggs, but do not keep them out longer than necessary. Always disinfect between hatches.

The Old Way was Unsatisfactory

I sold my incubator two years ago and tried setting hens again, but was not successful as the hens always were breaking their eggs and the few chickens that were hatched either died or were mashed. This discouraged me but I tried again

The Incubator and Early Chicks

We debated the question of whether or not to buy an incubator for several years, and each year decided to defer the purchase, as we heard many reports of poor hatches and the loss of so many chicks while they were little. But we had to move in April in the spring of 1916, and as that would make all our chickens so late if we depended on the hens to do the hatching, we decided to try one.

I had never had any experience with an incubator, and carefully followed the directions that came with the machine. I got 74 chicks from 80 fertile eggs the first hatch. That is the poorest hatch I ever have had. I set it four times the first year and five times last year, and got a good hatch each time and have had no trouble with the little ones dying except once last summer when the hens and chicks got lousy and I lost several of that hatch before I got rid of the lice.

I always set hens at the same time if possible and let the hens take the incubator chickens, too. But at two different times I have set my incubator and then put two or three eggs from the incubator under a broody hen and let her hatch them when I did not want to wait for a hen to become broody, thus getting them started a week or two sooner.

I think the main points in the care of an incubator are turning the eggs regularly and keeping the temperature uniform. Unless one is willing to take the time to give the proper care, it had

last summer, meeting with the same success. I immediately bought two incubators and am hatching chickens the right way again.

Usually I get about 260 or 270 out of 300 eggs from my incubator. I try to put the eggs in about 4 o'clock in the afternoon. This gives the eggs time to heat gradually during the night after the heat reaches 100 degrees. I hold it there for two days, after which I keep it at 103 degrees until about the time they start to hatch and then 105 is not too warm for them.

Chicks should not be fed or watered until 36 hours after they are hatched. After that feed twice the first day, then three or four times a day. Give plenty of water and grit.

Soldier, Kan. Mrs. P. J. Hamm.

Buy a Machine that is Well Made

I have used two different incubators a good many years and should not think of getting along without an incubator now. The make of the incubator does not make so much difference now, as there are lots of good ones. Choose the one you like best and study the instructions given for that particular make. It is to the interest of the manufacturers to send instructions best suited to their machine so do not try to operate one make of incubator by instructions given for another.

Let the person who starts the hatch, watch the incubator thru the hatch. I do not choose to be called "Truthful James's Wife," but I had an incubator rated at 150 eggs, out of which I hatched at one time 155 lively little Brown Leghorn chicks. Mrs. Alex McConaghy. Hooser, Kan.

better be left alone, but given the proper care it is the best investment a farmer can make.

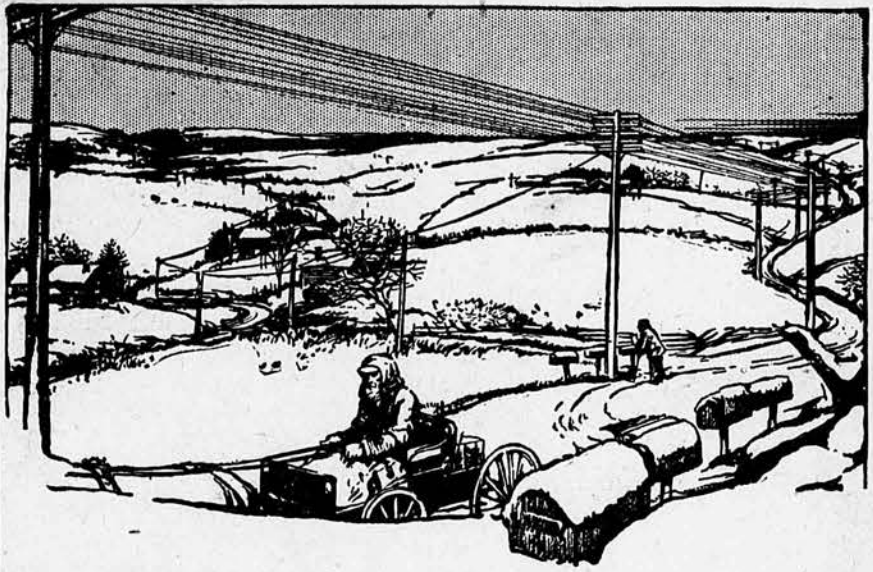
I am very careful to keep the temperature at 103 degrees for from 24 to 48 hours before putting the eggs into the incubator, as the oil that is consumed is small in comparison with the value of the eggs if the temperature should vary and thus ruin the hatch. After the eggs have been in for three days I raise the heat to 104 degrees and keep it there until the eighteenth day, when I raise it one more degree. I test every egg before putting it in the incubator, discarding all that have thin shells or that show any spots. Then I test again on the seventh day, and again the fourteenth.

When I put the eggs in I make a mark on every egg so I can tell when every egg has been turned, and I turn and air them carefully twice a day, except the first three days and the last three.

In hot weather I keep a saucer of water in the tray and am very careful to keep the tank filled all the time. The lamp is trimmed every day and filled every third day. The machine should not be opened during hatching except once to remove shells, thus keeping all the moisture possible in the egg chamber.

With an incubator one can have earlier chicks and more of them the same age than by the old method, as the incubator is willing to set at any time. I should not like to do without mine and am thinking of getting another this spring.

Mrs. T. M. Clark. R. 4, Anthony, Kan.



Standards of Service

In rural communities clusters of mail delivery boxes at the crossroads evidence Uncle Sam's postal service. Here the neighbors trudge from their homes—perhaps a few yards, perhaps a quarter mile or so—for their mail.

Comprehensive as is the government postal system, still the service rendered by its mail carriers is necessarily restricted, as the country dweller knows.

Long before rural delivery was established the Bell System began to link up the farmhouse with the neighboring towns

and villages. One-fourth of the 10,000,000 telephones in the Bell System are rural. They reach more places than there are post offices. Along the highways and private lanes the telephone poles lead straight up to the farmer's door.

He need not stir from the cheerful hearth ablaze in winter, nor grope along dark roads at night for friendly news or aid in time of trouble. Right in the heart of his home is his telephone. It is the American farmer's key to the outside world, and in no other country is it found.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY AND ASSOCIATED COMPANIES
One Policy One System Universal Service

GET MY PRICES

BEFORE YOU BUY Be sure and get my prices! Before buying a gasoline engine (manure spreader, cream separator or tractor) of any make, or kind, or price, please ask for and read Galloway's 1917 catalog—the biggest, most important book and greatest money-saver for my customers I ever put out! Get my proposition to you and compare it with all others; then do your own judge! We are actual manufacturers and sell direct to you from our factory. We specialize on the lines we offer. We were first to offer engines, separators, spreaders direct from the factory at one small profit. We have made the manufacturing and selling of these lines a life business. You can't afford to buy a gasoline engine or any of the other Galloway lines until you first get our prices and our proposition. Get my price before you buy! Cash or time.

HERE'S THE REAL PROOF!

I can't give it praise enough. I had a 6 h. p. Galloway engine belted to my 16 in. corn mill and it does the work where an 8 h. p. of another make did not. H. P. SNOOKMAKER, DECATUR, TENN.

My 6 h. p. Galloway was 5 yrs. old this fall. Works perfectly—good for 15 yrs. yet. HAROLD W. BARNUM, DELPHOS, ILL.

It has not cost me one cent for repairs. Am now buying a 2 1/2 h. p. engine and washing machine for the home. Consider the Galloway simplest engine made. ADOLPH DUBNOVSKY, TRAMA, IA.

I found the 16 h. p. Galloway simplest, most powerful, best governed engine I ever saw and \$225 cheaper. HENRY WHEELER, MILTON, WIS.

THE WM. GALLOWAY CO., 45 Galloway Station, Waterloo, Iowa

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Old Trusty Incubators by Mail

Incubators sent by mail in order to supply people quickly is Harry Johnson's latest. When the parcel post went into effect, the measurement of packages was limited. The Associated Fruit growers applied for permission to ship crates of fruit and in order to accommodate them the post-office department increased the size of package allowable.

Slow freight and traffic difficulties first led Johnson to try express shipments. A great many of the thousands of Old Trustys went to their owners this year by express, but a great many folks do not realize that express is faster than freight. Express makes fast time. It was found that Uncle Sam was on the job too. The measurements for fruit crates are enough for a fair sized incubator. Johnson built Old Trusty as big as the measure allows. Get his circular about Old Trusty Junior. Price \$7.40, comes by return mail or send him \$7.40 and tell him to rush the incubator to you. The M. M. Johnson Co. makers of the famous Old Trusty incubators and brooders are too well known to require a recommend or a close description of the Old Trusty. The Junior is the famous California Redwood construction, copper tank, etc., and first class workmanship throughout.

High priced eggs and poultry have made this the busiest incubator year that the Johnsons have had in the history of their business. Both the factory and the office have been working extra shifts. It pays to have a reputation for honest, dependable incubators at a time like this. The high price of eggs, poultry and food products of all kinds make it wise for every farm to produce all the poultry possible this year. The country will need all the eggs and chickens you can raise. This small "Old Trusty," sent by mail, prepaid, is just the thing for the woman who keeps only a few hens. Order one today and get busy. The folks who buy Old Trustys make money. M. M. Johnson Co., Clay Center, Nebr., make good incubators and brooders. —Advertisement.



Found—A New Club Member

Two Girls in Leavenworth County Had a Pleasant Surprise

BY MARY CATHERINE WILLIAMS, Club Secretary

DID YOU ever have a surprise—the happy sort of surprise that comes when you've been wishing for something ever and ever so hard and thought you couldn't have it, and then all at once you find the thing you longed for is right in your hands? Such surprises don't come very often, so I'm going to tell you about the surprise that came to one of our Capper Poultry Club girls. She had waited and waited and watched in the Farmers Mail and Breeze to see the names of the club members in her county until she thought there surely could not be any but herself and she was so discouraged she had her mind almost made up to drop out of the contest. Then one Sunday afternoon she and her father and mother were out riding



and they happened to stop for something at a strange farmhouse. There was a girl there about the age of our club member and the two of them began to talk about chickens, and would you believe it? The girl at the farmhouse was a club member, too!

Marian Mosse of Leavenworth county is the girl who went visiting and Beth Beckey is the girl whom she found. Marian writes, "Another funny thing is that Beth has the same kind of chickens I am going to raise. We both have Buff Orpingtons. She said she had written to you the other day asking who else has joined the club from Leavenworth county. I am sending my farm flock blank today and I hope our county may be full soon." Leavenworth county has three girls now and they are working so hard for new members I'm expecting to have the county full almost any time. Perhaps there are other club girls who think they are all alone in their county. Don't get discouraged, but write to the secretary and ask her about your membership. And try Marian's scheme, sometime when you and your folks are out driving. Maybe you can find a surprise, too. Or you do not find a member, maybe you can get one, and that will be even better.

A Prize from the Pig Club.

Here is another delightful surprise, and this one is for the whole club. The Capper Pig Club has been a fine big brother to the new Poultry Club since our club started and has helped us to get lots of our members, too. Now one of the Pig Club boys is offering us a fine purebred \$10 trio of Single Comb White Orpingtons for a breed club prize.

Isn't that splendid? Raymond Shoup of Protection is the boy who is making this generous gift to the club. He grows and sells purebred hogs and poultry and has his own letterheads which are as businesslike as any man's you could find. I move that the Capper Poultry Club extend Raymond Shoup a vote of thanks for his gift and that we make it unanimous. Helen Hosford's father, E. M. Hosford of Pittsburg, has made us an offer of a trio of Buttercups so our breed club prizes now amount to \$145. Think of that, would you? Let's give Mr. Hosford a vote of thanks, too.

Here is a good letter from Effie Merritt of Cloud county. "I was planning to have our county club meet at our house Saturday, March 24, but mother was sick and I had to make garden so I had to postpone our party for a while. I have heard from all our girls now and have written to them again. Leona Pel-tier is the only one who knows what kind of chickens she will enter for her purebreds. She is going to have the same kind I am. I have not seen any of the girls yet but I am eager to meet them and have a talk with them. We are going to plan to have many good times this summer. I am going to have a meeting some day when we can all go down to the river which is about 1 1/2 miles from us. I am going to see some of the girls as soon as I can. Our incubator is hatching now and we shall have about 83 chickens and three ducks. We have 88 hens and pullets but only about 40 are laying as the pullets are late fall ones. I got 261 eggs a week for two weeks but the next week there were not quite so many. I make out my daily record as soon as my supper dishes are done and do not forget it because I have a regular time for it." That's the whole secret of record keeping, girls—have a regular time for it. It is "easy as pie" then. Don't you wish we could all go down to the river with Effie and the other Cloud county girls?

The picture on our page today is Anna Greenwood of Greenwood county with the two neighbors who helped her count her farm flock, Mrs. E. E. Honeyman and Mrs. Anna Bartlett. Anna has two pet white rabbits to care for besides her chickens, but that isn't the nicest thing she has. There is a darling little baby sister Frances just 3 months old at her house. Wouldn't you like to see her? Anna's hens are averaging about 40 eggs a day. She has 60 hens old enough to lay. She is planning to choose her little purebred chicks soon.

These Girls Make Real Money.

Idybelles Bickford of Labette county has four Brown Leghorn capons in the farm flock which mother the incubator chickens. Her contest chicks are to be Rhode Island Reds. Lillian Brun of Atchison county has a big brother Bill who is county leader in the Capper Pig Club. Lillian helped fill her county membership and has telephoned to all the girls in her county club. I guess Bill isn't the only one in that family who has pep. Keren McCrary of Labette county has planned already what

The Capper Poultry Club

Mary C. Williams, Secretary, Capper Building, Topeka, Kan.

Please consider my application for membership in the Capper Poultry Club. If chosen, I will comply with all the club rules and will do my best to win a prize.

My name is Age

R. R. Postoffice County

I approve this application and agree to help the contestant if she is chosen.

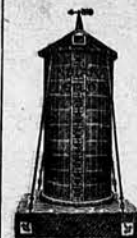
..... Mother or Guardian.

Secure the Signatures of Two Farm Women Here.

The applicant is personally known to us. She is in every way worthy of consideration for membership. If selected, we believe she will do her best and will make a record that will be an honor to our county.

Age limit 10 to 18 years. Only one girl in a family eligible to membership.

THE INDIANA SILO



Fifty thousand are now in use on the finest farms in America.

If you are going to buy a silo—this satisfactory service rendered everywhere—should be of special interest to you.

The cost of all materials is advancing like the price of wheat and corn.

Why not save money by contracting for your silo now. It undoubtedly will cost you more next spring or summer.

Let us send you our proposition—to contract now for your silo and deliver it later. We still have openings for a limited number of farmer agents.

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579 Silo Bldg., KANSAS CITY, MO.
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Send for 36 page illustrated Northern Minnesota Bulletin. Tells about the wonderful opportunity—literally millions of fertile acres of virgin cut-over land waiting for cultivation. Watered by thousands of lakes; unexcelled for dairying, cattle and hog-raising. Wonderful crops of corn and clover. And the cost is small. Upwards of \$25 per acre on easy payments.

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giving full information regarding money-making farms along the Great Northern Railway in Northern Minnesota. Actual facts and figures about how farms here double and triple in value. Write for booklet. Address

E. C. LEEDY, Gen. Immigration Agent, Dept 304 Great Northern Railway, St. Paul

\$8.55 World's Champion Belle City Incubator

140 Egg Size Prize Winning Model—Hot-water—Double-walled—Copper Tank—Thermometer Holder—Deep Nursery—Self-regulating. When ordered with \$4.85 Hot-water 140 chick Brooder, both cost only \$12.50.

Freight Prepaid East of Rockies Satisfaction Guaranteed Over 524,000 Satisfied Users Save time—Order Now—Ships in my \$1,000 Cash Prices Conditions easy to get biggest price—Free Book "White Diarrhea" tells all—Gives short cuts to poultry success—Write for 5 today. Jim Roban, Pres. Belle City Incubator Co., Box 21 Racine, Wis.

Tells why chicks die

E. J. Reefer, the poultry expert, 4584 Reefer Bldg., Kansas City, Mo., is giving away free a valuable book entitled, "White Diarrhea and How to Cure It." This book contains scientific facts on white diarrhea and tells how to prepare a simple home solution that cures this terrible disease over night and actually raises 83 per cent of every hatch. All poultry raisers should certainly write Mr. Reefer for one of these valuable FREE books.

Cause of White Diarrhea

White Diarrhea is caused by the bacillus Bacterium Pullorum with which chicks are often infected when hatched. The germs multiply very rapidly and one infected chick may infect the entire brood. Prevention is the best method of combating the disease and should begin as soon as chicks are hatched. Intestinal antiseptics should be given to kill the germ. Mercuric Chloride is one of the most powerful remedies, but being a rank poison, its use is not to be recommended as long as there are safe, harmless remedies on the market that will do the work.

HOW TO PREVENT WHITE DIARRHEA

Dear Sir:—I see so much about people losing their incubator chicks with White Diarrhea, and I know how discouraging it is. I have been raising little chicks for years and lost thousands before I learned how to save them. Finally, I sent 50c to the Walker Remedy Co., L-4, Waterloo, Iowa, for their Walko Remedy. It came by return mail. Before I received it, I was losing the little fellows by the lapful. I only lost one from White Diarrhea after getting it. Never had little chicks so thrifty. It just seems to give them new life and vigor. Mrs. R. B. Mercer, St. Paul, Kansas.

DON'T WAIT.

Don't wait until White Diarrhea gets half or two-thirds your chicks. Don't let it get started. Be prepared. Write today. Let us prove to you that Walko will prevent White Diarrhea. Send for 50c box on our guarantee—your money back if not satisfied. Walker Remedy Co., L-4, Waterloo, Ia.—Advertisement.

Pearl Grit HELPS MOLTING HENS Supplies the necessary grinders for the gizzard and furnishes the minerals that make rapid growth of beautifully colored, healthy feathers. Hastens molting, builds bone and muscle, makes meaty eggs with solid shells. Write for Free Booklet. THE OHIO MARBLE CO., 616 Cleveland St., Plain, O.

Bush Car Delivered Free Ride in a Bush Car. Pay for it out of your commissions on sales, my agents are making money. Shipments are prompt. Bush Cars guaranteed or money back. Write at once for my 48-page catalog and all particulars. Address J. Bush, Dept. 4U, 114-in Wheelbase Delco Ignition—Elect. Stz. & Ltg. BUSH MOTOR COMPANY, Bush Temple, Chicago, Illinois

LOSE the LOUSE—SMITE the MITE in your henhouse by using "Avenarius Carbolinum" (Registered) Apply once a year to the roosts, nests, walls, and save monthly expenses for whitewash, kerosene, insect powder, lice killers. Write for Bulletin 133. Carbolinum Wood Preserving Company Dept. 112 Milwaukee, Wis.

SAVES THE LITTLE ONES Here it is—the one sure, safe, scientific chick feed. The feed that brings 'em through the first two weeks—the critical period. Don't permit roup, dysentery and other diseases to kill off your chicks when for a few cents you can keep them well. You will lose hardly more than 5 or 10 chicks out of every hundred—if—right from the start—you will feed OTTO WEISS CHICK FEED For "new" chicks. A natural food, prepared by poultry raisers who know how to mix the right ration of cereals, beef, bone and grit. A pound feeds 50 chicks one week. Ask your dealer for it. THE OTTO WEISS COMPANY Wichita, Kan.

she will do with the money she earns from her chickens. She is going to make a payment on a new piano. Won't that be fine? Keren and her brother raised more than enough turkeys last year to buy an incubator. She will enter Rhode Island Reds for her contest chicks.

Rose Taton is a club girl 'way out West in Haskell county. She drove 18 miles to the postoffice three times before she got the letter saying she was accepted as a club member and then found the letter had been lying in the postoffice all the time. She says, "Mamma said if pep is short for pepper, I would have taken the special prize when I found out about that letter. I guess I am the only girl of contest age in the Northwest quarter of our county. Neighbors are from 2 to 8 miles apart here. I am going to try to see some girls in the Southeast part of the county and get our membership complete soon." Frances Bell of Hodgeman county is another Western girl. She thinks Mr. Capper is just fine for giving the girls a chance, she says, and is going to do her very best in the club. She has begun her record keeping.

Another girl who already has earned money from chickens is Myrtle Jennings of Marshall county. She and her brother take music lessons in the summer and pay for them with chicken money. She hopes to have enough this year to pay for the lessons and buy a bicycle besides. She is 12 years old and in the first year of high school. She has to drive 7 miles to her school. May Compton of Geary county is going into the poultry business on a large scale. Her father signed a note at the bank for her so she could borrow the money to buy three dozen hens and three cockerels, all Barred Plymouth Rocks. She believes there is big money in poultry. Clara Jeffries of Republic county has a camera her mother gave her for Christmas and has promised to send some pictures when her chickens are hatched. She says the Republic county girls will have a long way to go to their meetings but most of them have cars.

We hope to have a chance to print letters from all the Capper Poultry girls, but so many come in they must all take their turn. Write when you can and send your pictures and we will try to find room for them. Letters are the best way we have for getting acquainted when we live so far apart. Neosho is the only county filled since last time the six or eight counties lack only one girl. This is the list.

Name and Address.	Age
Marjorie Greeve, R. 1, Earlton.....	10
Fern Clower, R. 1, Earlton.....	13
Glenda Myers, R. 4, Erie.....	11
Leota Strickland, Box 74, Thayer.....	14
Celette Anderson, R. 1, Shaw.....	11

Counties having a complete membership of five girls are Atchison, Clay, Cloud, Coffey, Crawford, Dickinson, Douglas, Greenwood, Jefferson, Lincoln, Linn, Lyon, McPherson, Miami, Montgomery, Neosho, Pottawatomie, Reno, Republic, Rice, Riley, Shawnee, Sherman, Sumner, and Wabaunsee. Let's have a good many more to add to the list next time.

There are still a good many counties with no members at all. They are Barton, Chase, Cherokee, Cheyenne, Ellis, Ellsworth, Graham, Grant, Gray, Greeley, Hamilton, Harvey, Kearney, Pawnee, Rawlins, Seward, Stanton, Steyens, Thomas, Wichita and Wyandotte. What's the matter with them, I wonder? Don't girls or chickens grow there? It is too bad they can't be on the Capper Poultry Club map. If any girl in those counties reads this, I'm sure she will want to show her county has pep, too. Fill out the application blank and send it in right away and ask your friends to come in with you. Rules and a prize list will be sent to all who apply. The club needs you and you need the club. Let's get together.

Prizes for the Poultry Club

The Capper Poultry Club now has \$145 worth of purebred poultry to offer as breed club prizes. After entries in the club close May 31, breed clubs will be formed of all girls who have chosen particular breeds as Leghorns, Plymouth Rocks, Rhode Island Reds, Wyandotte and so on. Officers to be elected for these clubs will include a secretary for every variety of breed represented. The purebred poultry is to be given to the girls who make the best records with these particular breeds and varieties. These prizes consist of a trio valued at \$10 for first and a cockerel valued at \$5 for the second, and are offerings from friends of the club.

Club girls are showing great enthusiasm over these breed club prizes. Many members write, "I am going to choose my 20 purebreds from a breed in which there is a special prize offered," and other girls say, "I hope someone will offer a trio of my breed, for I am sure it is the best there is."

The list to date follows: Rose Comb Rhode Island Reds—trio from R. E. Wooten, Cedar Hill Poultry Yards, Goodrich, Kan., and cockerel from Guy McAllaster, Lyons. Single Comb Rhode Island Reds—trio from Thomas D. Troughton, Wetmore. Single Comb White Leghorns—trio from C. E. Heaton, Partridge, and cockerel from Mrs. Roy Brown, Fredonia. Single Comb Brown Leghorns—trio from the Detwiler Egg Farm, Jewell, and cockerel from Mrs. T. M. Etherington, Hamilton, Kan. White Wyandottes—trio from S. Peltier, Ideal Poultry Farm, Concordia, and cockerel from H. C. Nielsen, Osborne. Silver Wyandottes—trio from Earl Wood, Grainfield. Single Comb Black Minorcas—trio from Victor E. Hawkinson, Randolph. Buff Rocks—trio from J. K. Hammond, Wichita, and cockerel from Mrs. Will Kowing, Winfield. Mottled Anconas—trio from Mrs. Clara McPheeters, Baldwin. White Orpingtons—cockerel from E. D. Morgan, Coffeyville. Barred Rocks—cockerel from M. Iris Hoffman, Coffeyville. Single Comb White Orpingtons—trio, from Raymond Shoup of Protection. Buttercups—trio, E. M. Hosford, Pittsburg.

The club would like very much to have trios and cockerels offered in other standard breeds so that no member may be deprived of the opportunity of working for a breed club prize. Breeds particularly desired are Buff Orpingtons, Buff Wyandottes, Buff Leghorns, Black Langshans and trios of White and Barred Rocks. These birds are to be delivered the first or second week of June, 1918, after the contest closes. The prize winners will pay the express.

New Books About Farm Poultry

An excellent book, "Poultry Breeding and Management," by James Dryden, is just from the press of the Orange Judd Company, New York. It sells for \$1.60. James Dryden is professor of poultry husbandry at the Oregon Agricultural college. One of the hens developed by his college is Lady MacDuff. She laid 303 eggs in 12 months, 512 eggs in 24 months, and 679 eggs in 36 months.

Down in Allen county, Kansas, lives a man who raises 1,000 turkeys a year. He has been doing this for years, and has made money at it. He received so many requests for information about his methods of turkey rearing that he has written a book telling all about how he does it. This book, "The Turkey Raiser's Guide," by Alpha Ensminger, Moran, Kan., is sold for 50 cents, and is well worth the price.

Chicken Business Never a Loser

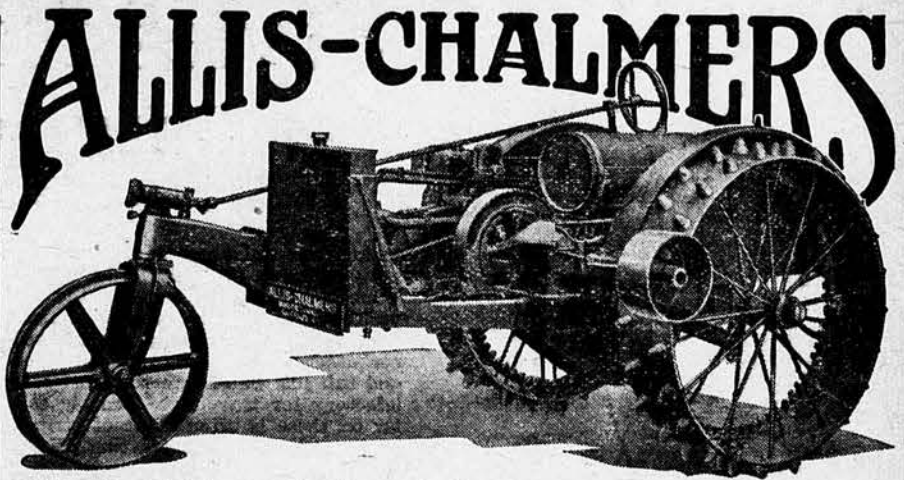
I have been raising poultry for 25 years both for profit and pleasure. There is no work on the farm I enjoy so much as caring for my chicks. I think that is one reason why I have good luck. It also gives me pleasure to push a bill down into my purse occasionally. Several times in the last five years I have had checks amounting to from \$95 to \$125 at a time. I call that a real pleasure. I began using incubators 10 years ago and at first was a little skeptical, but the results of my first hatch convinced me that they were all right.

Incubators should be placed where the temperature is even. When in a warm room cover at night but take care not to get on too much covering. I sprinkle the eggs with warm water several times during the three weeks. Be sure to get good eggs. I think the early chicks are the most profitable. By using incubators, when we get ready business starts. We don't need to wait on Mrs. Hen to say ready.

I have my first flock to own that didn't pay its way, regardless of high priced feed. I keep the Barred Rocks not because they are best but because I like them, and I also raise the purebred Bronze turkeys. R. L. C. Darlow, Kan.

SAVE YOUR CHICKS—FREE.

Send two names to The Wight Company, 17 Main, Lamoni, Iowa, and they will send you enough Iowite Remedy, absolutely free, to save 40 chicks from White Diarrhea.—Advertisement.



It's the Name Behind the Tractor that Counts

The name Allis-Chalmers means much to you. It means that this tractor is backed up by the Allis-Chalmers name and reputation of 60 years as designers and builders of high grade machinery—ask your banker. It means that you are assured of the same service that the Allis-Chalmers Manufacturing Company gives on every product it manufactures.

ALLIS-CHALMERS
10-18 H.P.
FARM TRACTOR

has also behind it a record of four years of successful work in the field. It is the only tractor with a one-piece steel heat-treated frame—no rivets to work loose—will not sag under heaviest strains. Important improvements insure absolute protection of all moving parts from dust and grit. Special attention has been given to the design of the belt pulley.

Allis-Chalmers Mfg. Co. MILWAUKEE WISCONSIN
H. A. DOUGHERTY MOTOR CO.
1701 McGee St. Kansas City, Mo.
Distributors for Missouri, Kansas and Oklahoma

Tear out this advertisement, write your name and address on the margin and mail to us for illustrated description of this successful tractor.

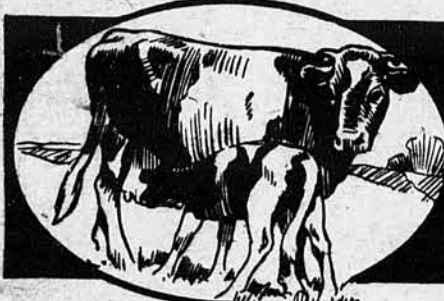
PRESCOTT'S MITE-LESS HEN'S NESTS

Our Nests Are Complete WITH BACKS

Are made like steel bolters, and put together with substantial nuts and bolts. Built round so chickens cannot roost on top. Set up off the ground away from rats, cats, skunks, and prowlers. One customer reports from 25 to 100 per cent increase in eggs. Nests will pay for themselves in a few weeks by increase. No more hens to die on nests while sitting. Large enough for the largest breed. Round nests 12 by 14. Square 12 by 12. Sold on Money-Back Guarantee, 30 days trial. Send for FREE circular and testimonials. Address Kansas City Sanitary Co., Sales Agents, 323 Southwest Blvd., Room E Kansas City, Mo.

FREE

With every inquiry we give a formula for making Poultry House Killer at home.



Make Your Calves Profit Makers NOT Profit Eaters

MILK fed calves won't bring you profits—instead they're a direct loss. Whole milk commands such a high price you can't afford to raise calves on it. Security Food will take the place of whole milk from the time the calf is three days old. Your calf requires from eight to twelve quarts of whole milk a day. This is worth three to five cents a quart and will cost you from twenty to thirty cents a day to feed your calf whole milk, while you can raise your calf on Security Food for one-fourth the cost.

SECURITY FOOD
for CALVES and LITTLE PIGS

Will Bring You Over \$20 Profit on Each Calf



Equally as good for little pigs. If Security Food does not do exactly as we claim for it your money will be refunded. For further information, write us today, sending name of your dealer. **Security Remedy Company Minneapolis, Minn.**

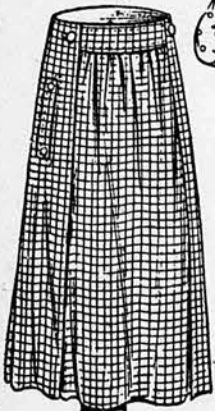
Styles for Spring

Comfort and Fashion Go Together This Season

By Mary Catherine Williams



8271



8272



8237

viding your waist has long sleeves and a big collar on the sailor order with a V neck. Georgette crepe is the favorite material for dressy waists while voile and organdy are favored for other occasions. Crepe de chine and tub silk waists are the most satisfactory for traveling. The big collar on these is often made of striped or figured silk in contrasting colors. For women who do not wish to invest in a spring suit, the separate skirt of plaid or plain colored silk to wear with these waists will prove extremely practical. These skirts are short and full and delightfully youthful. A pair of jaunty pockets adorns every one. The accepted length for skirts is from 6 to 8 inches above the ground. The silk skirts are as cool as cotton dresses, require fewer petticoats and are a great saving in laundry.

Silk suits are even more popular this summer than last and are more practical than they may sound for the woman who owns one is always well dressed. Worn with a plain waist, the suit is correct for street wear, shopping, church or traveling, while a sheer Georgette blouse makes the suit appropriate for parties or calling. These suits are plainly tailored and have large sailor collars, belts and big patch pockets. Blue, either navy or Copenhagen, is the most favored color for the silk suits, while plain white messaline is the usual lining. Taffeta or Gros de Londres, which resembles taffeta but is softer, are the silks most used for this purpose. While these suits at the

shops cost from \$35 to \$60, a woman who knows how to sew can make one at home easily for \$15 as they are no more difficult to make than a silk dress. Woolen suits are shown in light weight serge and jersey cloth. Many of them are bright colored but it is always possible to find more sober hues if one wishes. A long coat of water-proofed fab-

ric which may be slipped on over the silk suit is a convenience for women who do much driving. The vogue of the loose one-piece dresses which appeared last fall will continue thru the summer. Silk, pongee, voile, gingham or thin white materials will be made up in this style. Big pockets and large, low collars are seen on all these dresses.

Since skirts are to be short, shoes with high tops will continue to be the proper thing thru the spring and until hot weather forces us to put on pumps. High heels probably always will be correct for dress occasions, but for street wear or every day most shoes show low heels about the height and shape of a man's. White shoes of either kid or canvas are especially popular, tho many women prefer shoes of a delicate gray kid.

Hats in the early spring days are nearly always black, tho this year many pastel shades are worn also. They are medium in size and largely of the mushroom and sailor shapes. Black straw sailors with a straight or drooping brim and a ribbon band with a tailored bow at the side are all the style at present and will be good for street wear thru the summer, tho hats of white and colored straw will be worn later on for best.

An attractive model for a one-piece dress to be made of plain pongee trimmed with figured pongee is 8251. It is suitable for other materials also. The dress slips on over the head and has full length kimono sleeves with deep cuffs. It has a front and back panel. The pattern is cut in sizes 36,



8240



8248



8257

"I'D LIKE to see the clothes that a woman with sense and judgment can buy this spring," wrote a friend the other day. It is garden making time and the incubator is hatching so she has not had much chance to study the styles, or I'm sure she would have a different opinion. Of course, there are extremes that verge on freakishness, but there never was a time when the styles as a whole were better suited for sensible comfort and ease. The athletic girl of Eastern summer resorts with her tennis, golf and boating has set the fashion, and sports clothes, cool, light and loose enough for freedom of movement, are seen everywhere.

This new sports note is shown in short skirts, long, loose blouses, loose coats with belts and pockets, low heeled shoes, and fabrics with big polka dots or wide stripes. Girls who have known the solid satisfaction of middy blouses the last few summers will welcome the new sports blouse which is much like a middy but has a belt or sash. The Russian blouse and peplum blouse are modifications of this style which are suitable for matrons as well as misses. Nothing could look cooler or prettier for summer afternoons than such a blouse of plain blue crepe de chine or voile with white collar and cuffs worn with a white skirt

shops cost from \$35 to \$60, a woman who knows how to sew can make one at home easily for \$15 as they are no more difficult to make than a silk dress. Woolen suits are shown in light weight serge and jersey cloth. Many of them are bright colored but it is always possible to find more sober hues if one wishes. A long coat of water-proofed fab-



8259



8273



8251

38, 40 and 42 inches bust measure.

For a dress of gingham or linen a practical model is 8259. It closes in the front and has a five-piece skirt with big pockets. The pattern is cut in sizes 36 to 42 inches bust measure.

Flowered voile in delicate shades would be lovely made up by dress pattern

No. 8273. The dress is cut in one piece and has side plaits which let the fullness fall in soft folds. The sash ends attached to the belt add to the charm. The pattern is suitable for silk or gingham also. It is cut in sizes 36, 40 and 44 inches bust measure.

Striped tub silk would make up beautifully by pattern 8271 with a collar and cuffs of white silk. The pattern is cut in sizes 36 to 42 inches bust.

Box-plaited dresses for girls will be very popular this season. An especially pretty pattern is 8248. The pointed yoke is a particularly stylish feature, and the lower section has three box plaits across the front and two in the back. The pattern may be had in sizes 6, 8, 10, 12 and 14 years.

Rompers continue to be the choice of garments for small children's play wear. The smocking which gives pattern 8237 a distinctive touch may be omitted if desired. The pattern is cut in sizes 2, 4 and 6 years.

A good pattern for the separate skirt is 8257. The skirt is cut in four gores and has gathered side sections joined to yokes. The pattern comes in sizes 24 to 32 inches waist measure.

Another skirt with fashionable lines is 8272. It is cut in four gores, the two



and white shoes. Blouses of plain color will be worn also with striped or figured skirts matching the hue of the blouse. This may be varied again by having a figured blouse and a plain skirt. The new shantung, pongees and khaki-kools are much favored for these blouse dresses. They come plain or with the new stripes or big dots.

If you do not care for a peplum blouse, you may wear a separate white waist and still be in the mode pro-

side gores coming up over the belt in panel affect. The front and back gores are gathered. The pattern sizes are 24 to 32 inches waist measure.

Blouse 8240 has the fashionable peplum and closes at the front. The pattern may be ordered in sizes 36 to 42 inches bust measure.

The patterns may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents each. Be sure to give the correct number and size.

Meals from Canned Fish

BY MRS. DORA L. THOMPSON
Jefferson County

A friend discussing the advisability of substituting fish for pork in the lentin bill of fare found several reasons why she did not care to do so. Her principal objection was that "fishy dishes" are not at all pleasant to wash. Either one must wash them by themselves with a separate dish cloth or the whole collection of dishes with smell of fish. We must admit there is some truth in the statement. We have not found it a very difficult matter, however, to rinse such dishes in warm water before washing them in the dish water. To provide a separate cloth for the purpose would not consume much time or money.

The second objection offered was that most farmers trade at country or small town stores which are not likely to have fresh fish or even the better class of salt fish in stock. These stores usually try to carry what the people want. If several housekeepers would express a willingness to buy the better grades of fish, doubtless the merchants would provide them. If they did not, the canned varieties are not without their merits.

Canned oysters may not be the equal of the fresh oysters but they are certainly a good substitute. They offer several possibilities of giving a child that "3 to 4 cups of milk a day, concealed" which diet specialists advocate. It is surprising how many persons throw away the liquor which comes with the oysters. This contains much of the oyster flavor. It should, doubtless, always be boiled and skimmed in the case of fresh oysters. Naturally that coming with Cove oysters has been boiled.

An exceptionally good way to serve oysters is to place creamed oysters on toast, especially for a supper dish. For dinner, a rich biscuit dough rolled thin and cut into biscuit shapes with a strip fastened around the rim in the style of patty shells makes good containers for the creamed oysters.

The best creamed oysters we ever ate were made with the following ingredients: 1 pint of oysters, 1/2 cup of oyster liquor, 1/2 cup of cream, 2 tablespoons of butter, 1 tablespoon of flour, 1 egg, 1/2 teaspoon of salt, 1/4 teaspoon of pepper. The oysters were placed in a colander and the liquor allowed to drain into a separate dish. As the oysters were fresh they were placed in a hot pan in which a tablespoon of butter had been melted and cooked until they appeared plump. The oyster liquor was scalded and skimmed, then the butter was melted and the flour and seasoning rubbed into it. The liquor and cream were added slowly, stirred, and cooked until smooth. This sauce was poured over the beaten egg, the oysters were added and all returned to the fire to be well heated but not boiled. The creamed oysters were then ready to serve on toast or in patty shells.

Scalloped oysters is another dish that may well be made of either canned or fresh oysters. Suitable proportions of the ingredients are: 1 pint of oysters, 1 cup of oyster liquor, 1 cup of grated bread crumbs, 1/2 cup of coarse cracker crumbs, 1/2 cup of butter, 1 teaspoon of salt, 1/2 teaspoon of pepper. The baking dish should be well coated with cold butter. The bottom layer should be bread crumbs. Mix the rest of the bread and cracker crumbs with the butter and alternate layers of oysters and crumbs, each layer being seasoned with salt and pepper. Pour the oyster liquor over all and place the dish in a quick oven.

Salmon may be substituted for oysters in the suggestions for scalloped oysters. A can of salmon, a cup of finely cut celery and a cup of salad dressing make an excellent salmon salad. The skin, bones and oil should be removed from the salmon and the meat picked fine. Celery, dressing and salmon should be tossed lightly together.

There are some good cooks who heat the salmon and pour a sharp sauce over it. One sauce of this description is a cream sauce with juice of onion, cloves, pepper and strained tomato juice added.

Probably the most popular canned fish at present is the Tuna. A recent number of Good Housekeeping offers this suggestion for Tuna fish croquettes. The

ingredients are: 1 large can Tuna fish, 2 1/2 tablespoons butter, 1/2 tablespoon finely chopped onion, 1 cup finely chopped boiled potato, salt and pepper, 1/2 cup of flour, 1 cup of stewed tomatoes. Cook the onion in the butter until it is yellow; add the flour and blend together well; add tomatoes and cook, stirring constantly until it becomes thick and boils. Then add the Tuna fish flaked with the potato. Season to taste with salt and pepper, form into balls, cones or rolls, dip in egg, roll in crumbs and fry in hot, deep fat. Either crab or salmon may be substituted for Tuna fish. This makes enough for eight to 10 persons.

New Ways to Cook Eggs

Spanish Scrambled Eggs—Heat a tablespoon of butter in a frying pan and add 1 tablespoon of minced onion and a pimento cut into shreds. Cook for 10 minutes, then add 6 lightly beaten eggs and cook until the eggs are done, stirring and cutting so they will be well scrambled. Sprinkle with 1 tablespoon of grated cheese and serve at once.

Poached Eggs with Cream Sauce—Poach eggs in salted water that is simmering but not actually boiling and place them on toast. Have ready a cream sauce made by blending 1 tablespoon of melted butter with 1 tablespoon of flour, adding a cup of rich milk and cooking about 5 minutes until the mixture thickens. Season with salt and pepper and pour over the eggs and toast.

Egg Timbales—Beat 6 eggs separately until light. Combine yolks and whites. Season with salt and pepper, a few drops of lemon juice and a little chopped parsley if liked. Stir in 1 1/2 cups of rich milk and pour into buttered cups or molds. Set these cups in a pan of hot water and cook 15 minutes in a quick oven. Unmold and serve with tomato sauce or horseradish sauce on buttered toast. This is an especially appetizing breakfast dish.

Savory Eggs—Fry 6 slices of bread in butter until well browned. At the same time fry 6 eggs and place them on the bread, then pour over all a sauce made by browning 1 tablespoon of minced onion in 1 tablespoon of butter, then adding 2 chopped green peppers, 2 tomatoes and a bay leaf and simmering 15 minutes.

Escalloped Eggs With Meat

When you have left-over chicken or cold meats, a good way to use it for a change is to cover the bottom of a buttered baking dish with bread or cracker crumbs, add a layer of sliced hard boiled eggs, sprinkle with salt and pepper, add a layer of white sauce and a layer of the finely chopped meat. Ham, chicken or veal is best. Alternate layers in this way until the dish is full, making the top layer of crumbs. Dot with bits of butter and bake in a quick oven until the crumbs are brown and the sauce bubbles up on top. Serve in the baking dish. Rice and peas with lettuce salad are a good combination for a meal to serve with this dish.

Let the Flag Wave

Let the flag wave! Aye, let it wave on high,
Its red and white and blue against the sky!
From crest and casement, broad and bright
and brave,
Let the flag wave!

Let the flag wave! Aye, let it wave above
The hills and valleys of the land we love,
And o'er the sea, to no mad tyrant slave,
Let the flag wave!

Let the flag wave! Aye, let its glory shine!
Let the flag wave, a symbol and a sign!
To guard our honor and to shield and save,
Let the flag wave!

Let the flag wave! Aye, wave in all men's
sight,
Its stars unsullied as the stars of night;
Its stripes unblemished; only this we crave—
Let the flag wave!
—Clinton Scollard in New York Sun.

You will find that your irons won't stick if you prepare your hot starch with soapy water. This also gives a nice shine to the linens.

A teaspoonful of lemon juice added to a quart of water in which rice is to be boiled will make the rice very white and keep the grains separate.

Put a little baking soda into the pot where the spinach is cooking, and it will retain its green color.

To prevent bamboo furniture or matings from turning yellow wash with salt water.



The Great Majestic Range

Built to bake right always—
Built to save fuel and repairs—
Built to last three times longer than ordinary ranges—
and it does

—because malleable iron makes it unbreakable, charcoal iron makes it resist rust, and cold-riveting makes it permanently heat-tight.

One quality; many styles and sizes. There is a Majestic dealer in every county of 42 States, if you don't know one near you, write us. Send for free booklet.

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"The Range With a Reputation"

500 Shot Repeating Daisy Air Rifle

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Join Our Rifle Club and Get a Rifle Free

For a limited time only—this genuine Daisy Air Rifle Free. Shoots 500 times without reloading. A strong and accurate shooter for boys. A constant source of amusement. Teaches accuracy of eye, and trains steadiness of nerves. Boys, if you want one of these Daisy Rifles send us your name and address, and we will send you full and complete instructions how to join the club and how to get the rifle free and prepaid. A post card will do.

CAPPER RIFLE CLUB, Dept. A.R.-24, Topeka, Kansas

12 Flowering Shrubs

The Largest and Most Magnificent Collection ever Offered. One year size, they will bloom the same year planted and every year after, surrounding your home with a fragrant sea of ever-changing fragrant bloom. This beautiful collection is

The Farmers Mail and Breeze's Gift to You

The shrubs we send you are about a foot high, the best size to plant. They grow rapidly, increasing in beauty from year to year, attaining in a short time the following size:

Golden Bell. Very tall and beautiful. 12 to 16 ft.	Sweet Shrub. Quick growers, spicily fragrant. 4 to 5 ft.
Barberry. Neat, dense and spherical. 4 to 6 ft.	Snowball. Stately and imposing. 6 to 8 ft.
Deutzia. Profuse, showy double bloomers. 6 to 8 ft.	Rose of Sharon. Heavy variegated bloom. 10 to 12 ft.

Nine Months of Fragrant Flowers in Every Year Your home will be surrounded by a bower of fragrant flowers all the year, except for a few months in the winter. Very early in the year, even before the snow is gone, the Golden Bells are covered with rich golden flowers. Shortly afterward the Barberry blazes out in a mass of canary, quickly followed by the delicate yet massive rose blooms of the Deutzias. Midsummer brings the rich chocolate red flowers of the Sweet Shrubs, which bloom at intervals until snow. Then the Snowballs, with their stately white flowers and finally the luxuriant bloom of the Rose of Sharon is added to the scene. Even when winter's icy touch banishes the flowers, the brilliant red and yellow, brown and gold of the foliage, and the red berries of the Barberry (which remain through the winter) remind us that in but a few short months the flowers will return in greater beauty.

Our "12 Shrub" Offer

We will send this collection of Twelve Hardy Shrubs, Postpaid, as a Premium with a One-Year Subscription to FARMERS MAIL AND BREEZE at \$1.00 and 30 cents additional, or \$1.30 in all. This covers all charges, for both the magazine and the Shrubs.

CUT THIS AD OUT, write your name and address below, and send with \$1.50 to

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

Gentlemen:—I enclose \$1.30 for FARMERS MAIL AND BREEZE One Year and the 12 SHRUBS as listed in this ad, all charges paid.

Name.....

Address.....

Please Check whether a NEW () or a RENEWAL () subscription.

Our 12 Shrub Collection

This big collection consists of these hardy one-year shrubs:

- 2 Golden Bell (Foraythia)
- 2 Thunberg's Barberry
- 2 Deutzias
- 2 Sweet Shrub (Ca'pthus)
- 2 Snowball Hydrangeas
- 2 Rose of Sharon

They are securely packed, and sent to you Postpaid, with full instructions for planting.

Top Hay Profits Now and for Years to Come!

WE want you to know the big profit-making possibilities with the new Ann Arbor Hay Baler. Write us today, to get facts and figures which show how you can get top profits now and for years to come with the

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"THE BALER FOR BUSINESS"

The Ann Arbor Baler holds the world's record for speed and economy—and every bale is perfect!

Better Work at 1/3 Cost

No matter what you bale—alfalfa, vetch, cow-peas, any kind of grass that grows—the Ann Arbor bales it better and at 1-3 the cost, for the Ann Arbor feed opening is widest made. The plunger never gets in the way—never cuts through—won't shear leaves or break stems of alfalfa. Any engine runs the Ann Arbor.

For 30 years Ann Arbor Hay Presses have stood supreme. There is a size to suit your particular need—whether you bale your own hay or make baling your business.

Write today to get our special big money-making offer.

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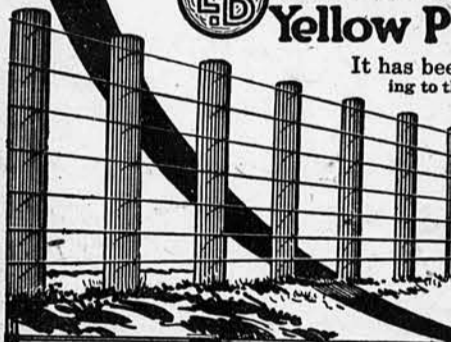
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You can make your fencing practically everlasting by using posts that have been treated with pure distilled creosote with the Long-Bell hydraulic vacuum process. Ordinary fence posts last only eight years and are gone—must then be replaced. Wire fencing costs money; your time and labor cost money. Make your fence practically everlasting by replacing all decayed posts on your farm with

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It has been proved that posts treated according to this process will last as long as 40 years or longer. Your lumber dealer can supply you with L-B Creosoted Yellow Pine Posts. Notice how straight and strong these posts are—because they are cut only from selected trees of slow growth, air-dried and yard-seasoned. They cannot decay. They are treated right to the heart. Look for the L-B trade mark branded on the end of each post—this is a guarantee of thorough treatment with pure creosote.

Free Book Write us for free copy of our book "The Post Everlasting" describing L-B posts and the Long-Bell system of treatment.

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Automobile Collapsible Water Bucket

For Water
For Gas

A Real Automobile Necessity

Any automobile owner will be glad to get one of these collapsible water buckets. A really useful piece of equipment and so novel that it has caused a great deal of comment. It takes little space but has large capacity.

NO FUNNEL NEEDED

In case the radiator goes dry when in the country, this collapsible bucket provides a means of filling it without borrowing a bucket, hunting a tin can or using a hat. When

not in use lay it flat under the cushion where it is out of the way and always handy. You can pour as small a stream as desired with no slopping.

How to Obtain This Collapsible Water Bucket Free We will send one of these collapsible water buckets free and post paid to anyone who sends us 50 cents to pay for a yearly subscription to Capper's Weekly or given free for a three years' subscription at \$1.00. Satisfaction guaranteed. Address,

CAPPER'S WEEKLY, Dept. C. B. 4, Topeka, Kansas

Notes of the Granges

BY A. M. BUNGE

All bills presented to the secretary of the Kansas State Grange must be itemized and signed by the person to whom they should be paid. These will be considered carefully by the secretary and master or executive committee of the State Grange. By order of executive committee.

Any article of news or any matter that a Grange wishes to have printed in the Grange column of the Farmers Mail and Breeze should be sent thru the office of the State Grange lecturer, A. M. Bunge of Waverly, Kan. By order of executive committee.

The committee has elected Mrs. Eve Gasche as my assistant, to help when I am busy, to send the contributions from Granges for the Farmers Mail and Breeze to that paper when I am absent from home, and to provide useful items to fill the Grange space when others fail to send in reports, or other contributions. This explanation is made to correct a misunderstanding about this part of the work.

I am sorry to say that the attendance at our meeting March 23 was not so large as we would like to have seen. O. F. Whitney, secretary of the state horticultural society, was with us and gave us a good and instructive talk on various kinds of co-operation. There is, and has been a great deal of co-operative buying done, but there has never been enough said about selling together.

Concerning Commission Merchants

BY E. McCLURE
Greeley, Kan.

House Bill 509, vetoed by Governor Capper, has caused considerable comment among farmers who know what it is. This is the one that was to repeal the commission merchants' law. A little history of this legislation will be interesting to the farmers and to the shippers of produce.

In 1915 C. D. Ressler introduced a bill to regulate the commission merchants. It passed. The Grange legislative committee was much interested in that bill and urged its passage. To this law an amendment was offered at the last session of the legislature by Sowers of Wichita, in the house and Nighswonger of Wichita in the senate. It went before the committee on agriculture in the house and Martin of Reno told the committee that the entire law should be repealed so, instead of making the little bill assist the law, it was changed to repeal the whole law.

Mr. Nighswonger carefully led the bill thru the senate. The senate knew so little about the bill that some of the senators refused to vote on the ground that they were not informed on the matter.

The Grange committee had been trying to get a hearing on this bill, but in the rush at the last everybody was so busy that a conference was impossible. After the bill passed, this committee went to the governor and asked him to withhold his passing on house bill 509 until we had a hearing. This he did, and the agricultural committee from the house, Mr. Bird, Mr. Campbell and Mr. Chittendon, with Senators Pomroy and Wilson all called on the governor and told him of the manner it passed the house committee, the house and the senate, and several members expressed their regret for having voted to repeal the law.

Repealing this law would have settled a lawsuit, for the commission merchants have a case now in the United States Supreme Court to test this case. The law was not workable because this case in court enjoined the secretary of agriculture from enforcing its provisions.

Governor Capper showed no delay in doing his duty in this respect, and it was one of the places that a matter was checked up to him that the legislature should have attended to. Nevertheless we are glad that we have a governor who is painstaking in all matters.

The Torrens bill was printed. This is one that many of the senators and representatives professed ignorance about what their constituents wished. That the Torrens system has been discussed in the farm papers and endorsed by organized farmers was not known, or

they did not wish to recognize such authority.

It will be necessary to inform yourselves on this system, and we know no better way than to study the bill. B. Needham, our State Master, and I have a limited number of copies which we can supply while they last. Let us ask our senators and representatives for this system, so they will know that we need it. Ask them before next election. This is not politics—it is a necessity.

While at Topeka in the legislative work, Mr. Needham was before the utilities commission in the case of the railroads asking for an increase of the minimum carload weight on flour and feed, from 24,000 pounds to 40,000 pounds. This increase would not only work a great hardship to the Granges now buying in carload lots, but also to the small dealers. The only excuse the railroads offered for the change was that they are making larger cars. It seems to us that the railroads should make smaller cars to meet the great amount of small shipments necessary, and make more of them, rather than make them larger. The ultimate consumer is the customer, and the one who pays the freight. His desires should be considered. The miller makes 24 pound sacks of flour to accommodate some customers. Why should not railroads make 24,000 pound cars to supply the many thousand small customers they have? The evidence offered by the railroads showed that the average car lots were nearer the 24,000 pound mark than the 40,000 pound. It is to be hoped by every dealer in flour and feed that this raise will not be allowed.

A Kink that Helped Keep Silage

I have had a silo for 11 years and will give my experience in keeping silage. I have tried putting both straw and fodder on top of the silage as a covering and have sown grain also, but have never found anything as good as felt. For a 10-foot silo get one roll of two-ply felt and cut it to fit the silo. In two days after filling the silo, level down the silage, tramp well, and then lay the felt so it will lap about 6 inches. Lay some 2 by 4-inch lumber on the laps, short, heavy pieces and around the wall. When you open the silo roll up the felt and put away for next year. With this method there will be spoiled silage only around the wall.
E. T. Miller.



Steady Those Nerves!

If it's caffeine—the drug in coffee—that's causing shaky nerves, the remedy is perfectly plain—

Quit coffee, and for a pleasant, healthful table beverage, use—

POSTUM

Postum is a delicious cereal drink, pure and nourishing and absolutely free from any harmful ingredient.

There's a big army of Postum users who are enjoying better health and comfort since joining the ranks.

"There's a Reason"

TOM McNEAL'S ANSWERS

Collecting Back Taxes.

A buys town lot in Texas in 1910. He pays taxes for 1911, 1912, 1913, 1914 and 1915. The town was incorporated as a city in 1916. Can taxes be collected on this lot from 1911 to 1916 inclusive? A holds receipt for taxes on lot which is the same number the city now attempts to collect upon.

SUBSCRIBER.

I am not prepared to say what can be done in Texas. Certainly such a thing could not be done in Kansas. It might be well to learn whether the tax collector turned the money collected into the county treasury.

Division of Estate.

A marries B. To this union is born C. A dies and B marries D. To this union is born E. C is weak-minded; never marries and is cared for by his half sister E. There is a large estate now to be divided. A is one of the heirs. Would B have her dowry in this estate? Would C's portion pass to his mother, he having no other heirs?

C. S. E.

B having remarried loses her right to the estate coming to A and his heirs after his death. C would inherit his father's share of the estate and in event of his death without children his estate would go to his mother and in event of her death to her children. E is entitled to a claim against the estate coming to C thru his father, for her services in caring for her feeble-minded brother.

Unruly Child.

When we married my husband had a child by a former marriage but he did not ask me to keep him and said nothing about his coming to live with us. The child is very "sassy" and independent toward me. If I scold him his father abuses me for it. Before bringing him home he had to pay \$4 a week board for the boy and could scarcely get him kept at that, on account of his bad habits. Am I compelled to keep this child or can I draw \$4 a week for the time he has been here?

A READER.

You are asking a difficult question. The father has a right to keep the boy at his own home and unless there should be an order of court to that effect you cannot collect \$4 a week for looking after him and enduring his disobedience. You have a right to demand respect and obedience from the child. Frankly I do not know what to advise in a case of this kind.

Claim for Damages.

If a renter is injured by falling thru a decayed platform covering a well, or a rotten walk, porch or floor can he recover damages from the landlord? The injury was received nearly 10 years ago, and now the renter is threatened with cancer as a result of it. The landowner promised to make repairs on porch and walk whenever needed when the renter first moved to the farm 10 years ago but has not done so. Another member of the renter's family was injured two years ago by breaking thru decayed boards on floor, and still suffers from the injury. What can be done if anything?

A. S.

If the renter has a right of action at all it is for damages resulting on account of the failure of the landowner to fulfill a contract not in writing. It seems from your statement that the landowner agreed to make certain repairs which he failed to make, and as a result of such failure the renter and a member of his family were injured. Such an action must be brought within three years. Presumably this verbal contract was made at beginning of the rental period. As the injury to the renter was received nearly 10 years ago it is too late now for him to bring an action against the landowner for damages on account of that injury. Unless the landowner within the last three years has renewed his verbal contract to repair the floor I am of the opinion that an action would not lie against him for damages to the member of the renter's family.

Groundhog Day.

Why do people say that clear weather on "Groundhog day," February 2, indicates a dry year and six weeks more winter to come? Is there anything in this?

Marion Co.

D. H. D.

I do not know how the tradition in regard to the marvelous weather prognosticating instinct of the groundhog or woodchuck originated. To show that the theory is absurd it is only necessary to call attention to the fact that this animal is common to a very large part of North America, and there probably never has been a second day of February when there was the same kind of weather in all or even in any considerable number of the different places this animal inhabits. According to this tradition all the groundhogs venture out of their burrows on the second day of February, but some find the weather clear and others find it cloudy. Part of them

according to this tradition remain out, satisfied that the backbone of winter is broken while others find the day clear and at once return to their holes for another six weeks' sleep. Which G. H. is right? Groundhog day is merely a foolish superstition, altho I suppose a few persons actually take stock in it.

Descents and Distributions.

If a husband dies without will leaving real estate what share of this goes to the widow? Can children that are of age compel the sale or division of the real estate before the minor children are of age?

INQUIRER.

If the real estate is a homestead it cannot be divided until the minor children are of age. If the real estate is not a homestead the division may be made at once. The widow would inherit one half of whatever property her husband had at his death, subject of course to mortgages or other debts which were a valid lien on his estate before his death.

Rights of Second Wife.

1. What share of his property will a wife inherit who marries a widower owning a business and property before the marriage and having children by his first marriage? Could he give deed to property without his wife's consent?

2. If he buys a home and has deed made in his name would that leave his second wife out, or what would be her share?

READER.

1. The second wife occupies the same relation to her husband's property held by the first wife. Unless there was a prenuptial agreement concerning the property she will inherit one-half of all her husband's estate.

2. A deed signed by the husband but not signed by the wife is not a good deed. The fact that the husband had the property deeded to him would not affect the rights of the wife.

Fish and Game Laws.

Will you publish the fish and game laws of Kansas in the Mail and Breeze? Would like to know if there has been any change made at the last session.

F. H. C.

I have not the space to publish the fish and game laws of the state. The legislature which just adjourned changed the game and fish laws or rather the game law by making an open season for hunting quail and prairie chickens from Dec. 1 to Dec. 15 each year. The number of quail that any one person is permitted to shoot in a single day is limited, I believe, to five. Personally I regret that the law was so amended. If I had my way there never would be an open season for shooting these beautiful and innocent birds.

Rights of Children.

A is a widower with children. B is a widow with children. A and B marry. If B should die first could her children claim a share of A's real estate or personal property at his death according to the laws of Kansas?

B. L. S.

No.

Question of Fence.

If A has his farm all fenced hog-tight except the division fence between him and B, can B be compelled to make his part of the division fence hog-tight? If he does have to fence it hog-tight who will have to notify him to do so?

SUBSCRIBER.

Unless the people of his township have voted to permit hogs to run at large, B is not compelled to build a hog-tight fence.

Telephone Lines.

1. Can an individual build a telephone line on the side of the road where a company already has a line? If not can he build along the side of the road not in use? We suppose he must have the right of way? Can the property owners be compelled to grant this?

2. Can a property owner in territory covered by a telephone company and not wanting service from said company, run a private wire to a neighboring company's wire, a distance of a mile and a half and compel this company to give him service?

3. Can the owner of a telephone compel the subscribers to pay rent in advance?

4. Can you refer us to some successful co-operative telephone exchange?

SUBSCRIBER.

1. An individual can build a telephone line along the public highway on either side so long as his line does not interfere with the operation of a formerly located line. It is not necessary for him to get the consent of the adjacent land owners.

2. The owner of the private line would not have the right to connect it with the company line in the case you mention without the consent of the company.

3. The owner of a telephone line cannot compel the subscribers to pay rent in advance.

4. I think there are a number of successful co-operative telephone companies in Kansas, but I do not happen to have the names of any of them.

Mention the Farmers Mail and Breeze.

En-ar-co THE MOTOR OIL FOR NATIONAL USE

Why En-ar-co NATIONAL Motor Oil Is Better—Why It Costs More—How It Is Made

Steam that escapes through a tea kettle spout, if caught and condensed, would be pure water. Distilled water is manufactured on this same idea, only on a larger scale.



Along the sides and at the bottom of the tea kettle scale is formed and accumulates—the residue that is left over after the passing of the water into steam.

The same principle that manufacturers of distilled water use is carried out in the manufacture of En-ar-co National Carbonless Motor Oil.

Imagine a tea kettle that will hold 25,000 gallons, then you have some idea of an oil still used for this purpose. Into one of these huge oil stills goes the highest selected Crude Oil from which National Carbonless Motor Oil is always refined, where the oil is heated until it forms a vapor. This vapor is then condensed into a liquid distillate (the same as the vapor from a tea kettle spout is condensed), further refined and then filtered. The result is a clear, clean, carbon-free Motor Oil—EN-AR-CO National Carbonless Motor Oil.

Residue oils left over in the still never enter into the manufacture of National Carbonless Motor Oil. Where such residue is used an oil is made of very inferior lubricating properties and can be and is sold at one-half the

price of an oil made as is En-ar-co National Carbonless Motor Oil.

A Motor Oil loaded with residue will break under heat and fail to perform its function. The residue and deposit which becomes incandescent, causes pre-ignition under heavy duty and finally, after continued use, coke-like carbon forms. Just as scale is formed in the tea kettle.



Suppose you catch and condense escaping vapor from the tea kettle spout? You have pure water. Place this distilled water in a brand new tea kettle and reboil it; you will find little if any scale in tea kettle No. 2. The same experiment applies to En-ar-co National Carbonless Motor Oil.

National Carbonless Motor Oil, distilled into a vapor, is further refined and then filtered—leaves no carbon, and lubricates most efficiently.

A juicy sirloin steak costs more than chuck steak. Wool is more serviceable than cotton. Gold jewelry gives satisfaction long after some Christmas brands have turned green. Quality in anything costs more than the low grade article—in En-ar-co National Carbonless Motor Oil you get quality in manufacture, service and efficiency in use—full value.

You should use En-ar-co National Carbonless Motor Oil for economical and perfect lubrication.

Other En-ar-co Products

- White Rose Gasoline. Always uniform. Every drop is continuous power. Pure, dry, carbon-free.
En-ar-co Tractor Oil. Especially made for modern tractors. Proper body to lubricate most efficiently—saves cash in machinery depreciation.
National Light Oil. Bright, clear light for lamps. No smoke, odor, charred wick or chimney. Uniform heat for incubators and brooders. Best for oil heaters and all purposes for which the best burning oil is required.
En-ar-co Motor Grease. For Differential, Compression Cups, Transmission; gives perfect lubrication and is manufactured especially to be used for any and all purposes, all around the motor car.
Black Beauty Axle Grease. Insures a smooth, friction-free, wear-resisting axle. No compounds to clog and gum. Goes farther than ordinary grease. Buy it by the pail.

This Handy Oil Can FREE. A slim, long-spouted can—will oil hard-to-reach parts.

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I own..... automobile or..... tractor (Give name above) and enclose two 2-cent stamps. Send me Handy Long-Distance Oil Can FREE. Please give nearest shipping point in this State and quote prices on items I have marked. I will be in the market about..... (Give date)

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THE Advance-Rumely "8-16" gives a man a chance to take advantage of weather conditions instead of being at their mercy. Whether it is plow quick, or harvest on time—the 8-16 is able and ready to do every farm operation at the time best suited to bring maximum results.

In the first place, it is a one-man all purpose outfit. Plowing is made a one-man job because tractor and plows are combined in one machine, and full control is from the driver's seat. With the Advance-Rumely you plow as with a horse gang, the work always in sight. You can back up with your plows, make short turns and cut square corners.

For handling other ground working equipment, hauling and belt work, the 8-16 is just as efficient and easy to handle, as you merely detach the plows and plow frame and it's ready for any drawbar or belt job you put up to it.

And it burns cheap kerosene with full efficiency—not only at full load but at variable loads or continuous light loads.

The catalog shows in detail the powerful four-cylinder motor and the other features that make the "8-16" a tractor that fits to perfection the small and medium size farm. Just like the famous OILPULL tractor, and Ideal Separator—dependability is "inbuilt."

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THE GOOD JUDGE AND HIS FRIEND—NORTON.

NORTON, THIS CERTAINLY IS THE LIFE ALL RIGHT. I SUPPOSE YOU'RE PERFECTLY HAPPY AND SATISFIED.

THIS IS THE LIFE ALL RIGHT! AND W-B CUT IS THE TOBACCO THAT MAKES ME HAPPY AND SATISFIED.

THEM'S MY SENTIMENTS! A LITTLE CHEW SATISFIES AND YOU DON'T HAVE TO SPIT SO MUCH.



THERE is something mighty democratic about rich, sappy tobacco. Now that men have W-B CUT Chewing, a good tobacco, to lend each other, it cements friendship. Common-sense about tobacco is getting mighty general now—no one wants the over sweetened kind when he can get rich tobacco shredded and lightly salted to bring out the good tobacco taste.

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Buy direct from maker. Save 30 to 50%. We prepay freight and guarantee goods 2 years. Look at this coppered riveted 1 1/4 inch wide halter, sells everywhere \$1.50. Sent prepaid for \$1.05. Write for Big Catalog of Harness, Saddles, etc. It's FREE! H. & M. HARNESS SHOP, Dept. 201, Stock Yards, St. Joseph, Missouri.

FARM ANSWERS

To Grow the Peppers.

We like peppers very well. How can we grow this garden crop to the best advantage?
F. D. Jackson Co.

The pepper plant is very similar to the tomato in Kansas in regard to the conditions required for its best development. It is especially sensitive when young to cold or unfavorable conditions of the soil. There should be an unchecked growth from the time the seed is started until the fruit has ripened.

It is best to start the plants in a hotbed, or in the house. Use a soil composed of about one-third garden soil, one-third sand and one-third well rotted manure. If the manure is heavy and poorly rotted, take pains to make it as light as possible and use a larger proportion. It is important that the ingredients be well mixed, which can best be accomplished by throwing them into a conical heap, shoveling this over, and then passing it thru a coarse sieve of about a half-inch mesh. Carefully level about 2 to 3 inches of this soil in a shallow box and water as thoroughly as possible without making it actually muddy. Let it stand for at least an hour and then add about 1/2 inch of fresh soil, and in this plant the seed either in drills about 1/4 inch deep or scatter over the surface and evenly cover with from 1/4 to 1/2 inch of fresh earth. If the box is to be exposed to the sun it is well to cover it with a paper, but care must be taken to remove this before the young plants appear, which they should do in from seven to 12 days. The box should be kept where the temperature can be held as uniformly as possible at 60 to 80 degrees F. It might run higher in midday, but germination will be checked in proportion as it runs lower.

Care should be taken that the young plants are not allowed to be so crowded as to become bleached and tender. It is better to pull and transplant or even throw away some plants rather than have the whole planting permanently injured. As soon as the central bud is well developed the seedlings should be transplanted, setting them from 1 to 3 inches apart, according to size at which it is planned that they should go into the permanent place in the field. Care should be taken that the soil of the plant bed is such that there is little danger of its becoming compact and hard but will remain so friable as to enable the plants to be pulled for setting with the least possible injury to the roots. During the germination of the seed and the growth of the young plants, carefully avoid overwatering. Don't water unless the plants show by a tendency to wilt that they need it; then give an abundance. It is much better if this be done in the morning or evening rather than at midday. For five or six days before transplanting, allow the beds to get as dry as possible without the plants wilting; then 8 to 12 hours before the plants are to go to the field give the bed an abundant watering.

In the meantime the soil of the field should have been made as friable as possible by repeated cultivation. If it is likely to be infested by cutworms, keep it clear of every germinating weed for 10 days before setting the plants, and about 24 hours before setting scatter cut clover which has been sprinkled with Paris green water. The hungry worms will go long distances to reach this green food, and many will be killed.

To facilitate the gathering of the fruit with the least possible injury to the plants, it has been found advantageous to leave every fourth row vacant, if necessary crowding the plants which should go into the fourth row with those in the other three rows.

After setting the plants, give the field a thoro cultivation, which should be repeated as often as practicable without injuring the plants.

Alfalfa for the Hogs.

What value does alfalfa have as a pasture crop for hogs when grown under irrigation?
Scott Co. D. G.

A test to determine this was finished recently at North Platte, Neb., in the Platte River Valley. In three years' experiments, including eight lots of hogs, in which alfalfa pasture was supplemented with a 2 per cent ration of corn, an average gain of 3,131 pounds a season was made from an acre of alfalfa pasture and 7,844 pounds of corn. It required an average of 2.47 pounds of corn in addition to alfalfa pasture to produce 1 pound of pork. If the gains are valued at 7 cents a pound and corn at 60 cents a bushel, or \$1.07 a hundred, the average annual return was \$138.75 an acre of alfalfa pasture. If the corn fed is valued at 60 cents a bushel and the alfalfa pasture at \$15 an acre the average cost of 100 pounds of gain was \$3.11. If the average yield of the alfalfa plots in the same field is assumed to represent the yield of the pastured plots the hogs paid an equivalent of \$25.13 a ton of hay.

In two years' experiments with alfalfa pasture, with and without supplemental feed, an average annual return of \$45.08 an acre was secured where no supplement was used, as compared with \$70.20 where a 1 per cent ration of corn was used—\$128.49 from a 2 per cent ration of corn—\$121.96 from a 2 per cent ration of barley, and \$168.25 from a 3 per cent ration of corn. The rate of gain and the carrying ca-

capacity of the pasture increased with the quantity of grain fed. Ground barley appeared to be as good, pound for pound, as shelled corn, as a feed for hogs on alfalfa pasture.

Sows and pigs on alfalfa pasture, with a 2 per cent ration of grain, made an average gain of 1,574 pounds an acre of alfalfa pasture from May 1 to July 1, or a net return of \$66.84 an acre. When corn was used the return varied from \$54.11 to \$69.97 an acre, and when barley was used the return was \$77.76 an acre.

In three years' experiments, hogging corn without supplementary feed produced an average of 896 pounds of gain, worth \$65.72 an acre, or \$1.50 a hundred of the estimated yield of the corn.

In two years' experiments, hogging corn without supplementary feed produced an average of 744 pounds of gain, worth \$52.08 an acre, as compared with 930 pounds of gain, worth \$65.10, where the hogs had access to alfalfa pasture, and 1,029 pounds of gain, worth \$72.03, where the hogs were fed tankage in addition to the corn. Where no supplementary feed was used the hogs paid \$1.84 a hundred for the estimated yield of corn, as compared with \$1.55 a hundred where the hogs had access to alfalfa pasture and \$1.50 a hundred where tankage was used. The use of either alfalfa or tankage resulted in more rapid and cheaper gains than were obtained where no supplementary feed was used.

Damage from Hessian Fly.

Our wheat sown after the fly-free date did not get very large. Had it been sown earlier, would it have been better?
Douglas Co. S. H. HARRIS

In a season such as this, the earlier in the fall that wheat is sown, the better it stands severe winter weather. Therefore, in the sections of Eastern Kansas where Hessian fly was not present in sufficient numbers to prove injurious, wheat sown two or three weeks before fly-free date would be in better condition now than that sown after this date. However, in Eastern Kansas where Hessian fly was present in large numbers the wheat sown on or shortly after the fly-free date is in the best condition.

We had at this station a large infestation of flies last fall. We have wheat seeded every week, starting with the first of September and extending to November. The wheat seeded before September 25 is so badly infested with Hessian fly that we will be compelled to plow it up to protect adjoining wheat fields. The plots seeded after this date are comparatively free from fly. I would not expect wheat to make more than 5 to 10 bushels to the acre under our conditions where it was seeded very long before the fly-free date. From the present appearance, I consider that sown about October 3 to be in the best condition, altho that seeded earlier made more fall growth. The fly is present in the wheat in such large numbers that it undoubtedly will be severely injured this coming spring, and it was injured some last fall.
K. S. A. C. L. E. CALL

To Protect the Seed.

Can you give me a treatment that will help in protecting seed from gophers? We also have the Kangaroo rats like you have in Hamilton county.
Washington. C. D. W.

The animal which you are calling the gopher is the Townsend ground squirrel, a species not found in Kansas, but somewhat similar to the "Gray gopher" or Ground squirrel of Kansas. This animal is entirely distinct from the pocket-gopher. The Kangaroo rats in your locality are of a different species from the Kangaroo rats of Western Kansas.

For treating seed to prevent it from being eaten by rodents, coal tar is the best substance with which we are acquainted, altho this substance will not always prevent damage. A large spoonful of coal tar is mixed with a gallon of boiling water. When the mixture is partially cooled the seed may be stirred in and allowed to remain for several minutes without damage to germination.

The only way to prepare a poison which will not kill birds would be to use some bait such as alfalfa which birds would not eat. However, alfalfa as a bait will not prove effective against Ground squirrels or Kangaroo rats. For these animals we advise the use of the pocket-gopher poison prepared by the Kansas State Agricultural college. This should be used on wheat as a bait, and if placed under weeds or bits of straw it probably will not be taken by birds.
K. S. A. C. LEE R. DICE

Reports on Storage Eggs.

How rapidly did the stock of storage eggs decrease during the winter? Will there be heavy buying by the storage men this spring?
D. N.

Reports from 301 cold storages March 1 show that the rooms contained 5,331 cases of eggs, while on February 1, 302 storages reported 143,943 cases. The 233 storages that reported holdings March 1 and a year ago report a stock of 4,759 cases as compared with 34,761 cases last year, a decrease of 30,002 cases or 86.3 per cent. The reports show that during February the February 1 holdings decreased 97.2 per cent, while during January the January 1 holdings decreased 83.7 per cent. Last year the decrease during February was 91.9 per cent and during January 66.7 per cent. Buying has already been started in Kansas by the cold storage firms. It is probable that this will be rather heavy, and that it will help to maintain the prices.

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The Practical Car for You

Up any hills—over any roads—the *Oakland Sensible Six*—\$875—will take you with ease, comfort and economy.

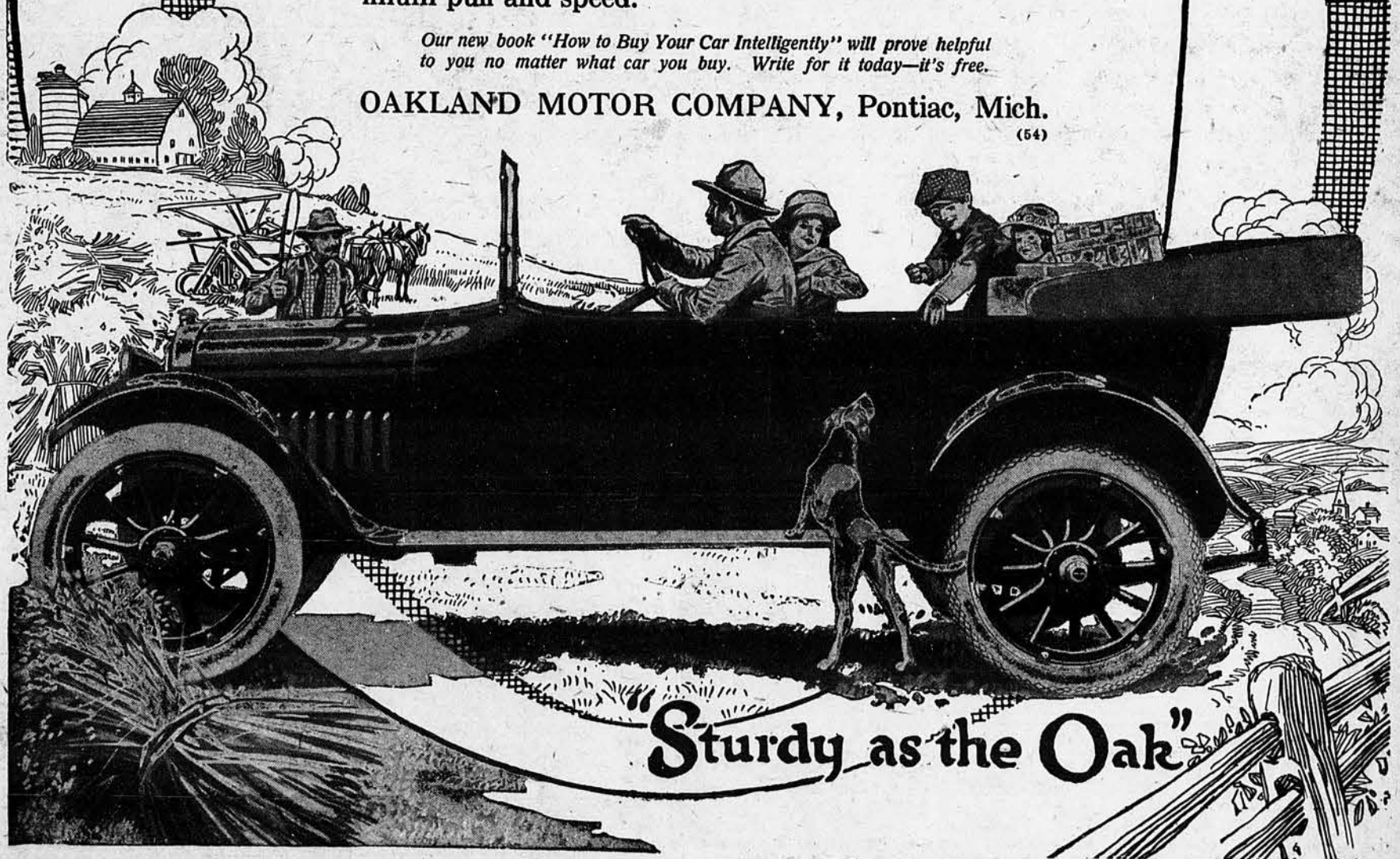
It's a big car, though it weighs but 2150 pounds, and its long, semi-elliptic springs—51 inches in rear—over-size tires (32x4), long wheelbase (112 inches), all give the *Sensible Six* that easy-riding quality which wins the enthusiastic praise of owners everywhere.

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Our new book "How to Buy Your Car Intelligently" will prove helpful to you no matter what car you buy. Write for it today—it's free.

OAKLAND MOTOR COMPANY, Pontiac, Mich.
(54)



Sturdy as the Oak

Says the Calf



Ask ME - I know

The calf knows that when bossy has a sore udder or tests the milk comes hard and the cow is restless and irritable. A cow that is nervous and uncomfortable cannot yield her full milk supply.

Bag Balm is a wonderfully effective, healing ointment, and quickly clears up scratches, cuts, chaps, bruises, inflammation, or caked bag. A valuable aid in treating bunches and strictures. Have a package on hand and keep little hurts from getting big.

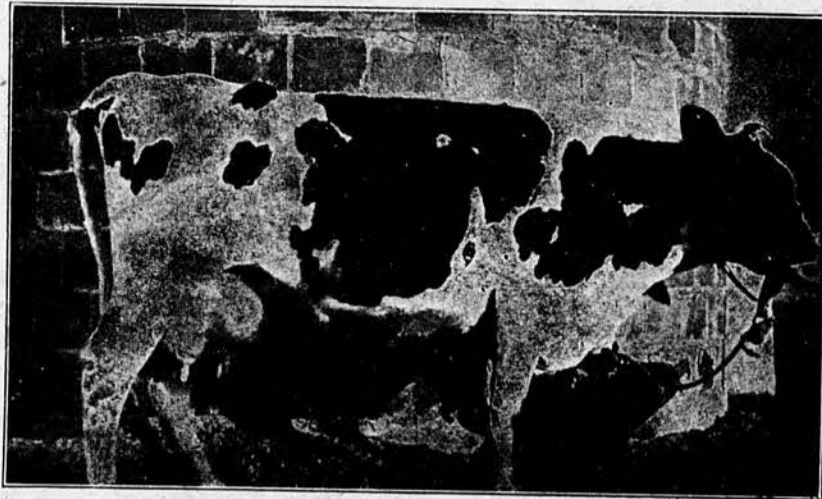
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DAIRY ASSOCIATION CO.
Lyndonville, Vt.

BAG BALM
MADE BY THE **KOW-KURE** PEOPLE

Cows are Good Partners

Dairy Stock Provides Something to Sell Every Week, and Helps Make the Farm More Valuable



IT GENERALLY is conceded that dairying yields a larger profit than can be expected from any other branch of farming. A good cow will yield not much less than 300 pounds of butter a year, which at 28 cents a pound is worth \$84. Adding to this the value of 6,000 pounds of skim milk, at 20 cents a hundred pounds, and \$10 which ought to be a fair value for the calf, we have a total of \$106. Allowing \$50 as a fair allowance for the feed consumed, we still have \$56 as a profit to pay for the labor and interest on the investment.

In addition to this direct profit, we must not fail to lay stress on the importance of dairying as a means of retaining the fertility of the soil, asserts T. Weed Harvey in the Farmers Guide. By feeding the raw materials of the farm to the dairy cows, we are manufacturing high priced products and we are retaining upon the farm almost the entire amount of fertilizing material taken from the soil by the growing crops. By selling only cream or butter fully 95 per cent of the fertilizing material contained in the feed is retained on the farm. One ton of oats takes from the soil as much fertility as 4 tons of cream.

Farmers and dairymen living on the richer soils hardly appreciate the true significance of the importance of soil fertility. Some of the states are spending annually more than 7 million dollars for fertilizing material to help them produce crops. By dairying about 5 per cent of fertility is taken from the soil, the balance of the finished product being made by plant life from water, air, and sunshine, and as a result, dairy farms in Europe have succeeded in maintaining their soil fertility for more than 1,000 years, while some grain lands in the United States almost have been exhausted in 50 years.

It certainly is true in dairying as in any other business that one's success in a large measure is gauged by his interest for the business. The personal equation is an important factor and the success or failure to a large extent depends on the kind of man in charge of the business. If a man has no natural inclination toward the cow, if he is unwilling, so to speak, to form a partnership with her, his chances for profit from her products are quite remote. First of all it is essential that the dairyman shall have a personal liking for the breed which he selects. A careful study of the various breeds of cattle shows us that some have been bred for centuries with a view of fixing those characteristics that are desirable from a beef standpoint—the putting on of large quantities of meat and fixing it on that part of the animal that will bring the highest price on the block.

On the other hand men who were interested in obtaining more and better milk, have by careful selection and breeding, succeeded in fixing the characteristics that go into the makeup of a good dairy cow. If one would be successful in the dairy business he must start with such cows as will give a good foundation stock and from which he gradually can build up a herd. To expect to build up a dairy herd from animals suited especially for making beef is beginning the business with a serious handicap.

One often hears the question asked by a man who contemplates going into the dairy business: "With my limited cap-

ital and experience would I be justified in starting in with purebred animals?" The man with a small capital, and little experience should start with good grade cows. His limited capital will in this way enable him to secure a much larger herd than he could in any other way, since good grade cows can be purchased for a fraction of the cost of purebred animals. While he is new in the business his profits will come largely from the sale of milk products. If he has an inclination to handle purebred stock he can work into this as rapidly as his acquired experience and capital will permit. In selecting the grade cows for his herd the dairyman should select the dairy breed that suits him, buy only those cows that conform to the dairy type and investigate carefully the butterfat record of every cow before purchasing.

Getting a good sire is one of the first steps in building up a good herd. Although starting in with grade cows, the dairyman should bear in mind that he cannot afford to head his herd with anything less than a good, purebred sire, one capable of building up the herd. There is much truth in the expression frequently used: "The sire equals half the herd." Indeed, he often equals more than three-fourths of the herd so far as its future value is concerned.

Take for instance a herd of 25 cows headed by a purebred sire. Experience has demonstrated that heifers as a result of having had a good purebred sire readily will yield 2 pounds additional milk at a milking. This means 4 pounds of additional milk a day from the heifer as a direct result of the better sire. Supposing the cow milks approximately 300 days a year and the average milking period of a cow is six years, the increase in milk production due to the better sire would be 7,200 pounds of milk. Estimating this at \$1 a hundred pounds at the very lowest, would give us \$72 a cow additional profit. From the herd of 25 cows it is reasonable to suppose that about 10 heifer calves would be raised a year, which would give us a profit of \$720. A sire can do service in the same herd for three years, thus in this time increasing the number of heifers raised to 30 and increasing the profits due to the better sire to \$2,160. After making due allowance for increased cost of the purebred sire and interest on the money invested it will readily be seen that the investment nets a handsome dividend. So there can be no doubt that this is the cheapest, quickest and most profitable way of building up the dairy herd.

Mr. Peterson Believes in Silos

Jorgen Peterson who lives 10 miles north of Dodge City on Sawlog creek, feels very enthusiastic over silos. He built two silos during the past year, one above ground and one pit silo. These two silos more than paid for themselves the first year by enabling him to use forage crops which otherwise would have been wasted. Mr. Peterson fed a bunch of steers which he sold on the high market. He expects to start the erection of another tall silo in a few weeks with a capacity of 120 tons.—Dodge City Globe.

From the way some fellows try to dodge, one would think Duty was a great search-light.



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644 Washington St., Akron, Ohio

Give Heifers a Chance

BY W. K. BRAINERD

Ordinarily it is planned to have the heifer enter the milking herd between 24 and 30 months of age. No arbitrary time can be set, as this depends upon several factors, such as the size and condition of the animal and the breed to which she belongs. Undersized and ill-conditioned animals should be allowed more time to complete their growth and to improve in condition before entering upon the strain of calving and the ensuing lactation period. It is very important that the heifer make a good growth before she is bred, because after that time she will make little body growth until after she has completed her first lactation period.

If heifers are bred to a heavy bull, care should be taken to see that they are not permanently injured. Oftentimes a feeding rack is found to be of advantage; such a rack is inexpensive and easily constructed. A better plan is to use a young bull on the heifers, which eliminates danger of injury.

Young heifers should be handled as much as possible in order that they may not be shy when they enter the herd. A good plan is to bring the "springing" heifer up to the barn some time before she is due to calve and get her accustomed to the halter and stanchion and to being handled. A little care in this way often prevents considerable trouble after calving, and usually insures a gentle cow.

From the standpoint of the dairyman who raises his calves, fall calving is desirable under most conditions. Under this system the calf receives milk for the first few months of its life, and at the time when it becomes necessary to wean it a succulent feed in the form of pasturage is available. As a result the calf usually makes uninterrupted gains at a minimum cost. Fall calving has the additional advantage that the bulk of the milk is produced at a time when prices are the best and when it is easiest to maintain a steady flow, and the calves are of the right age so that with careful management they may be bred to freshen in the fall or winter for the first time. This is desirable from the point of view of obtaining the longest milking period in the young heifer.

The bull calf should be separated from the heifers at about 4 months of age. His treatment and feeding should be identical with that of the heifer except that to get maximum growth he should receive a little larger quantity of grain. If properly handled, the young bull is ready for light service at the age of from 10 months to a year. Too much service before he is 2 years of age will do him permanent injury, which, of course, should be avoided. It is important that he be properly trained to halter, as this will make him much easier to handle when he is old. At 6 months of age a ring should be put into his nose.

Among some breeders it is the practice to remove the bull's horns at 2 years of age. It is asserted that this tends to tame him and prevent him from becoming vicious. One thing that should always be kept in mind is that exercise is essential to the proper development of a young bull and to the health and vigor of a mature one. A small paddock, with a shed for protection against stormy and windy weather, will give him room for plenty of exercise and keep him in good condition. Two bulls, if dehorned, may be kept together to advantage, as they exercise each other. Precautions should be taken to see that each receives his proper portion of feed.

A Chance in the Navy

I have had 15 years' experience in the United States navy, and I like the work very much. I was born in Springfield, Mo., and lived on a farm near there for several years. Then I worked in town for some time, but the wages were small. Finally, I enlisted in the navy as a fireman, with a rate of pay of \$33 a month and a chance of promotion to machinist.

My first training was obtained at the New York navy yard. I was given a regulation rifle, and with the rest of the recruits was marched out on the drill grounds, and there I took my first lesson in the manual of arms. It was a lesson that I shall never regret as it created within me a feeling that I was a member of a great organization that

some day might be called on to uphold the honor of the United States.

I soon found that it is possible for a product of Missouri soil to become a man-o-warsman if he is willing, and I am glad to say that I wasn't long in learning this. After we had drilled an hour we were taken to the target range and were given a chance to try our marksmanship. At first it was difficult for me to fire the weapon without closing both eyes at the moment of discharge, but on the persistent persuasion from the drill master, I soon learned that there was no danger of injury from keeping at least one eye open.

After target practice we were marched aboard ship where we secured our rifles in the gun racks, fell into quarters at bugle call and were mustered and dismissed to get ready for the mid-day meal. I am stating these fragments of the work so that one may know the little things that are to be done on board ship; these must be given as much consideration as the larger and more important things you will be called on to do later when you have become a real man-o-warsman.

The mid-day meal was rather a huge success for me at least as when one gets out and drills for an hour it tends to sharpen his appetite, and I certainly was not the exception to the rule on this occasion. After noon we were called on to place 20 tons of coal on board one of the navy yard tug boats, and I must admit that pile of coal looked like a mountain to me. You will be surprised when I tell you that we placed the coal in the bunkers of the tug in less than an hour. After coaling the tug we were allowed to wash up and have the rest of the afternoon to ourselves, and I at once put my new uniform on, which by the way I was very proud of, and made a tour of the navy yard in company with a boy from my own state that I had met on board ship.

The same general routine continued for one month. One morning at quarters my name was called and I was told to get my belongings together and report on board one of the navy yard tug boats for duty. On board this tug I took my first lessons in the rudiments of steam engineering.

My time of service on board the tug was short; I learned that these craft usually are manned by older men in the service, and that I was only on duty during the absence of the regular man. Tug boats are small crafts with strong engines built for towing other vessels in navy yards, and other work about the yards that a larger vessel cannot do. Most tugs can go to sea, and many have been able to withstand a severe storm with ease, but as a rule they do not go on long trips.

During my time on board the tug I learned that there is a great deal more skill than actual work required on vessels of this type. A man in the lower ratings must learn quickly how to manipulate the simple machinery placed under his care that on a larger ship would be operated by a more experienced man. At any rate I got along fine and liked the work, and would have called this a fine job before I went in the navy. But I had heard the older men talking a great deal during my stay on the tug about their experiences on board a real man-o-war, and I at once decided that I should like to have the same experiences, so when the regular man came back I was ready to embark on any kind of a ship so long as it was to go out on the ocean.

I was not kept long in waiting to get on a real ship. I will tell you in a future issue of my experience and travels on my first seagoing vessel. I also will tell you about the travels I have taken since then to foreign countries. There are excellent opportunities in the navy for young men; there is a chance to travel, to learn a good trade and to be paid while one is doing this. Full information about the chances can be obtained from any recruiting officer.

William Province,
Room 26, Postoffice Bldg., Topeka, Kan.

Experts in the United States Department of Agriculture have found that there is a waste in food prepared for table use in this country of approximately 700 million dollars a year. In these days of high prices for food stuffs it is imperative that waste be checked in the kitchen and that a strict account be kept of expenditures for food supplies.

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Give your hogs a clean, healthy skin, rid them of pests, give them a chance to thrive. Kill the sheep ticks.

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Destroys All Parasites

You'll find it always full strength, always uniform. 1 gallon makes 70 to 100 gallons solution. Use freely about the house as a general disinfectant, in garbage cans, cess-pools—wherever there are foul smells or breeding places for disease germs.

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The Lark's Lesson of Faith

Or how the Caterpillar Got the Happy Easter Spirit

BY MRS. ALFRED GATTY



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—nothing has solved household problems like Calumet Baking Powder. It has brought happiness into millions of homes—made expert cooks of millions of housewives who never had much bake day "luck." Its unequalled leavening and rising powers mean big, tempting bakings. The never-varying quality of its wonderful ingredients means the same good results every bake day. Calumet saves you money because it's moderate in price, goes farthest, eliminates failures and waste. It's pure in the can—pure in the baking—and the favorite in millions of homes.

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Do this today. Shake about a teaspoonful of Lewis Lye (from the handy sifting top can) into your dish water. See how it dissolves the grease from the dishes. Notice how it cuts the hardened grease on pots, pans and kettles—without scouring! And my! what a sparkle it gives glassware. Use it for clothes washing, too. See how white it makes linens. And with only half the usual rubbing!

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OUT YOUR FUEL BILL more than half, and get same speed and power. Put a

VAPORATOR on your Ford. So simple anyone can install in an hour. No smoke, no carbon. Lasts a lifetime. Uses regular carburetor. Send for literature. Exclusive territory open to live agents. Write quick. Vaporator Mfg. Co., 3460 Lindell Av., St. Louis, Mo.

"LET ME HIRE you as a nurse for my poor children," said a butterfly to a quiet caterpillar, who was strolling along a cabbage leaf in her odd, lumbering fashion.

"See these little eggs," continued the butterfly; "I do not know how long it will be before they come to life, and I feel very sick. If I should die, who will take care of my baby butterflies when I am gone? Will you, kind, mild, green caterpillar? They cannot, of course, live on your rough food. You must give them early dew, and honey from the flowers, and you must let them fly about only a little way at first. Oh, how dizzy I am! Caterpillar! You will remember about the food—"

And with these words the butterfly drooped her wings and died. The green caterpillar, who had not had the opportunity of even saying "yes" or "no" to the request, was left standing alone by the side of the butterfly's eggs.

"A pretty nurse she has chosen, indeed, poor lady!" exclaimed she, "and a pretty business I have in hand. Why did she ever ask a poor crawling creature like me to bring up her dainty little ones!"

However, the poor butterfly was dead, and there lay the eggs on a cabbage leaf, and the green caterpillar had a kind heart, so she resolved to do her best.

The Caterpillar Seeks Advice.

"But two heads are better than one," said she; "I will consult some wise animal on the matter."

Now in the neighboring cornfield there lived a lark and the caterpillar sent a message to him, begging him to come and talk to her. When he came she told him



See My Easter Bunnies!

all her difficulties, and asked him how she was to feed and rear the little butterfly creatures.

"Perhaps you will be able to inquire and learn something about it the next time you go up high," said the caterpillar timidly.

"Perhaps I can," answered the lark; and then he went singing upwards into the bright, blue sky, until the green caterpillar could not hear a sound, nor could she see him any more. So she began to walk around the butterfly's eggs, nibbling a bit of the cabbage leaf now and then as she moved along.

At last the lark's voice began to be heard again. The caterpillar almost jumped for joy, and it was not long before she saw her friend descend with hushed note to the cabbage bed.

"News, news, glorious news, friend caterpillar!" sang the lark, "but the worst of it is, you won't believe me!"

"I believe anything I am told," said the caterpillar hastily.

"Well, then, first of all, I will tell you what those little creatures are to eat"—and the lark nodded his head toward the eggs. "What do you think it is to be? Guess!"

"Dew and honey out of the flowers, I am afraid!" sighed the caterpillar.

"No such thing, my good friend," cried the lark exultantly; "you are to feed them with cabbage leaves!"

"Never!" said the caterpillar indig-

nantly. "It was their mother's last request that I should feed them on dew and honey."

"Their mother knew nothing about the matter," answered the lark; "but why do you ask me, and then disbelieve what I say? You have neither faith nor trust."

"Oh, I believe everything I am told," said the caterpillar.

"Nay, but you do not," replied the lark. "Why, caterpillar, what do you think those little eggs will turn out to be?"

"Butterflies, to be sure," said the caterpillar.

"Caterpillars!" sang the lark; "and you'll find it out in time." And the lark flew away.

And Doubts Began to Come.

"I thought the lark was wise and kind," said the mild, green caterpillar to herself, once more beginning to walk around the eggs, "but I find that he is foolish and saucy instead. Perhaps he went up too high this time. How I wonder what he sees, and what he does up yonder!"

"I would tell you if you would believe me," sang the lark, descending once more.

"I believe everything I am told," answered the caterpillar.

"Then I'll tell you something else," cried the lark. "You will one day be a butterfly yourself!"

"Wretched bird," exclaimed the caterpillar, "you are making fun of me. You are now cruel as well as foolish! Go away! I will ask your advice no more!"

"I told you you would not believe me," cried the lark.

"I believe everything I am told," persisted the caterpillar—"everything that is reasonable to believe. But to tell me that butterflies' eggs are caterpillars, and that caterpillars leave off crawling and get wings and become butterflies!—Lark! you do not believe such nonsense yourself! You know it is impossible!"

"I know no such thing," said the lark. "When I hover over the cornfields, or go up into the depths of the sky, I see so many wonderful things that I know there must be more. O caterpillar! it is because you crawl, and never get beyond your cabbage leaf, that you call anything impossible."

"Nonsense," shouted the caterpillar, "I know what's possible and what's impossible. Look at my long, green body, and many legs, and then talk to me about having wings! Fool!"

Trust Brings Happiness.

"More foolish you!" cried the indignant lark, "to attempt to reason about what you cannot understand. Do you not hear how my song swells with rejoicing as I soar upwards to the mysterious wonder world above? Oh, caterpillar, what comes from thence, receive as I do—on trust."

"What do you mean by that?" asked the caterpillar.

"On faith," answered the lark.

"How am I to learn faith?" asked the caterpillar.

At that moment she felt something to her side. She looked around, eight or 10 little green caterpillars were moving about, and had already made a hole in the cabbage leaf. They had broken from the butterfly's eggs!

Shame and amazement filled the green caterpillar's heart, but joy soon followed. For as the first wonder was possible, the second might be so too.

"Teach me your lesson, lark," she cried. And the lark sang to her of the wonders of the earth below and of the heaven above. And the caterpillar talked all the rest of her life of the time when she should become a butterfly.

But no one believed her. She nevertheless had learned the lark's lesson of faith, and when she was going into her chrysalis, she said:

"I shall be a butterfly some day!"

But her relations thought her head was wandering, and they said, "Poor thing!" And when she was a butterfly, and was going to die she said:

"I have known many wonders—I have faith—I can trust even now for the wonder that shall come next."—Copyright by Frances Jenkins Olcott.

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Sunday School Lesson Helps

BY SIDNEY W. HOLT.

Lesson for April 15. Jesus The Good Shepherd. John 10:1-18.

Golden Text: I am the good shepherd: the good shepherd layeth down his life for the sheep. John 10:11.

As Jesus talked to the blind man He had healed and the Jews had excommunicated, some of the Pharisees questioned Him about their vision and were told that their sin remained; this conversation was followed by the parable of the Good Shepherd, a theme most likely suggested by the shepherds and their flocks which could be seen from Jerusalem on the hillsides nearby.

This image of a good shepherd is a favorite one thruout the Bible and one we can appreciate readily when we understand the loving care of the shepherds for the flocks under their protection.

Sheep are kept in an enclosure at night, made by a high stone wall or a thick hedge of thorns, having a solid door. After all the flocks are inside, this door is closed and guarded by a porter who opens it to no one but the shepherds. Every sheepfold has a courtyard which is open to the sky, and there is an elevated platform both inside the fold and courtyard on which the shepherds can rest when all is quiet.

The sheep are led into and out of the fold by their shepherd, and they will not follow the voice of one they do not know. Eastern shepherds still lead their flocks, clearing the way ahead of all danger, and do not drive their flocks before them as our western shepherds do. To us, all sheep look very much alike, but Eastern shepherds give individual names to every animal of the flock.

In some instances when a shepherd is finding pasture for his flock and goes so far away that he is unable to reach the home village, a rough fold of stones is thrown up. In the opening, which has no door, he spends the night guarding the sheep within the fold against any outside harm. The shepherds and the sheep are all in all to each other, and in the silence of the desert and the mountains the attachment for each other deepens.

When Jesus declared Himself to be the Good Shepherd there were two things He wished us to realize. His absolute superior authority and His sweet familiar care that led Him to lay down His life for our sins and rise again that we might have His leadership into the fold of God's kingdom.

The Pharisees could not help but know the comparisons Jesus was making, and the words jarred when He talked about His sheep in other folds, for they knew He referred to the whole world, and not merely the Jewish nation, as one flock.

Jesus was conscious of the divine power within Himself and knew that with a word He could overthrow Pilate and all Jewish and Roman power. Because He willingly laid down His life for the sins of the world and became the Gateway to a fold where robbers and thieves and all dangers are barred, He knew that His Father loved Him and that He deserved the name of the Good Shepherd.

Easter Eggs and Rabbits

The custom of using eggs in various ways has always been associated with Easter. Some persons think the Easter egg idea was borrowed from the Jews, who, at their passover, placed on the table two unleavened cakes, two pieces of lamb, some small fish and a hard egg, which was the symbol of a bird called Ziz.

In ancient Persia there was a legend of two jealous brothers, who had a good deal of influence in the creation of things. One brother made an egg containing good spirits, and the other produced one full of evil demons, and they broke the two together, so that good and evil became mixed in the world. In memory of these brothers the present day Persians, on a certain festival in March, present one another with colored eggs; and it may be from this that we get our similar Easter custom.

Another story tells us of a prince who, on Easter, presented a certain princess with a huge iron egg. She thought it a practical joke, and felt so insulted that she raised the egg high and dashed it to the floor, regardless of consequences. But, to her surprise, the force of the fall

caused the egg to fly open, and on a beautiful lining of crystal lay a golden yolk. She took up the gold ball, and, opening it, found that it contained a crown of rubies; this opened also, and there lay a betrothal ring of beautiful diamonds. The name of this ingenious prince or the time in which he lived is not known, neither do we know more than this about the German princess; but the iron egg is surely a reality, for it may be seen in the Museum of Berlin.

The hare is as familiar a symbol of Easter as the egg. It is very closely connected with the moon. There were all sorts of fancies with regard to the moon, from the phases of which the time of Easter is reckoned; and among some nations the hare is a type of the moon itself. The Hindu and Japanese artists painted the hare across the moon's disk, while the Chinese represent the moon as a rabbit pounding rice in a mortar.

One of the legends which explains the "hare in the moon" is that when the god Indra, disguised as a famishing pilgrim, was praying for food, the hare, having nothing else to give him, threw itself into the fire that it might be roasted for his benefit; and the grateful Indra translated the animal to the moon. Some star-gazers have strained their eyes and imaginations until they really think they see him there.

There is an ancient belief in the county of Warwick, England, that if the young men of the town can catch a hare and bring it to the parson of the parish before 10 o'clock on Easter morning, he is bound to give them a calf's head and a hundred eggs for their breakfast, and a groat in money.

Just a Little Poetry

One or two letters give the sound each blank needs. For instance, the first one is D (Dee), the second C (sea), and so on.

Just where the placid river—
Flows softly to the west,
To empty in the wider—
The—has built her nest.
'Tis there I sit and sip my—
Or idly lie at —
And listen to the bumble—
Among the gay sweet —
From out the—of yon abode
My feet have strayed at will;
No printer's imp my steps can goad
With no more—to fill.
I care not if I—my cook,
And less if rents—high;
I hear the teamster—to Buck,
While beauty fills the—
All nature seems to take the—
Look — and dream away
The lambkin and the sober—
Would we might dream for—

The answers to the puzzle in the March 10 issue are: Bath, Concord, Marblehead, Providence, Catskill, Hoboken, Somerset, Newcastle, Cumberland, and Newport News. Prize winners are: Anna Meyer, Oneida, Kan.; Phoebe Echeardt, Ramona, Kan.; Elmer Dougan, Stilwell, Kan.; Grace Gooding, Girard, Kan.; and Edith Benton, St. John, Kan.

No Change is Needed

One of the customary things that legislatures have felt called upon to do from time immemorial is to tinker with the election laws.

This year not only was the usual attempt made but the scheme underlying the move was particularly reprehensible. And the fact that Governor Capper put the "kibosh" on the move, when all it lacked of complete success was his signature, is greatly to his credit. Whether you look at it as a heroic stand against little politics and still smaller politicians, or whether you regard it as a shrewd political move involving a correct reading of the public mind, it matters little. The act rings true and we make our bow to the governor for doing what the people wanted done.

Governor Capper was exactly right in his statement that the people are not wanting and have not asked a further change of the ballot. They prefer a chance to use their brains when they vote. The little circle under the spreading eagle has long since lost its charm. The "stand-by-the-grand-old-party" slogan is worn thru at the elbows and badly frazzled at the heels. The Australian ballot law was an improvement on the old system, but the people passed it up for a better plan. There should be and there must be no turning back. The people of Kansas face to the front. And any move that would put a premium on blind party voting to the conceived in the interests of the Democratic instead of the Republican party would be equally objectionable.—Kingman Journal.

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Soil is in Good Condition

The Crops Will Have an Excellent Chance This Year

BY HARLEY HATCH

WE HAD a good rain this week. Something less than an inch fell but it put the ground in prime condition, there being just enough moisture and not too much. Conditions for plowing are the best I have seen in the 21 years I have lived in Kansas. The ground turns over in garden condition and the draft of the plows is in all cases at least 30 per cent less than usual.

Wheat looks well in this part of Kansas. If there was any winter-killing I have failed to see it. I have been watching one field in this part of the county all winter; I thought that if it pulled thru all the other wheat in this county would. Warm weather and showers have arrived and I can say that the field in question "pulled thru" and is looking nice and green. The oats is coming up in a seedbed which is in prime condition, mellow, smooth and with just the right amount of moisture.

The frogs have been "hollering" ever since the rain and seem more than commonly happy even if they do have to scout around some to find water. It is said that the frogs have to be frozen out three times every spring before warm weather arrives for good, but I am hoping that this is to be an exceptional year. Neither the farmers nor the frogs will complain if they miss all the usual freezes.

Another thing that has been good to hear is the "oom-boom-boom" of the prairie chickens. These birds have been increasing in numbers here, and I like to see and hear them. They are a reminder of homestead days in Northern Nebraska when all kinds of feathered game was so plentiful that it seemed it never could be killed off. And yet inside of five years the pump guns and the bird dogs had done the business thoroly. The farmers did not kill many of the chickens; the wholesale killing was done by town sports. I have seen where they had killed and thrown out chickens by the dozen, and they even boasted of the slaughter thru the local papers when they succeeded in killing more than 100 to the gun in a day.

As March draws to a close the evenings begin to be lighted up by the burning meadows and pastures. I am not in favor of wholesale burning but there are many cases where burning is a help. If a prairie pasture is partly covered with old grass it will help to burn it off not only from the standpoint of better pasture but also because of the saving of the sod. If such a pasture is not burned the cattle will eat around the bunches of old grass this summer and will partly kill out the grass where they eat and leave the other half alone. If it is burned the whole acreage will supply pasture, and the chance of having spots killed out is lessened.

If the pasture is burned off early grass will arrive sooner but the weeds come sooner too. A good plan, if one has feed to keep his stock in the lot so long, is to burn about April 20. Burning at that date will kill many weeds, especially those which start early. For several years we did not burn off our pasture, and I am satisfied we injured it by not burning. I don't think it hurts prairie sod to burn it off after April 1 if there is plenty of moisture in the soil and the fire sweeps over it quickly.

Meadows do not need burning as do pastures unless the second crop of grass grew large enough last fall to interfere with the cutting of the crop this year. Where there is much old grass left on a meadow it makes cutting very hard and in addition it lowers the quality of the hay a full grade if sold on the market. The reason meadows do not need burning as do pastures is that no bunches of old

grass are left; the mower gets everything evenly. It is the burning in the fall or winter that is responsible for the destruction of so much prairie sod.

The fact that cutting and taking off a second crop of prairie hay in the fall is destructive to the crop the next year is well known in the prairie hay section. Because of this the cutting of the second crop is prohibited in most leases of grass land. One might think that cutting and taking off the second crop would be no worse for the following crop than burning it the next spring but the fact remains that it is much worse. I think the difference is in the fact that when the second crop is cut it leaves the sod exposed to the winter, when it is burned in the spring all danger of freezing is over. If the summer is dry the old grass left unburned on a meadow increases the crop of hay because it acts as a mulch. If the summer is wet, the mulch does much more damage than good. This was proved during the wet summer of 1915.

The early garden on this farm is all in the ground. We planted lots of peas, for green peas is something we do not seem to be able to get enough of. We have 3 bushels of potatoes planted in the garden, and within the next day or two expect to plant the rest in a field some distance from the house where soil conditions are much better for potatoes. For this patch we have 6 bushels of seed. The land is plowed and in fine condition. It was manured last spring and we gave it another light coat again last week. While this is not an ideal potato section we think we will be able to raise all we need for another year, and may possibly have some to sell.

I wonder that more motor car accidents are not reported when we see the speed at which some cars travel when the roads are slippery. Not long ago when on the way to town a car passed us evidently trying to make a train. The road was not muddy but it was rather slippery in places and the way that car "slewed" around when turning corners fairly made a fellow shiver. When we consider that so many cars are in new hands and that the new hands make just as fast time as the experienced drivers the wonder is that the number of accidents is not larger. Perhaps it is because Kansas drivers use so little booze.

It has been so long since we have had heavy rains that we do not notice the condition of our roofs. When heavy rains set in again I am afraid some of us will find that the dry weather has opened more seams than we supposed existed. On this farm the outside buildings are covered with three materials. Most farmers have shingled roofs and these roofs have, without exception, given good protection. On the barn the shingles have been laid since 1903, and are in fine condition today. We have some galvanized roofs and these have given good satisfaction and will no doubt last for an indefinite period.

For all the better buildings on the farm I would, at present prices, advise the use of the regular shingled roof. And while one is laying shingles he might as well lay the best. The cost of the shingles is but little more, and it costs as much to lay the second grade as it does the best. The kind we prefer is what is called "clears," or "5 to 2s." This means that the butts of five of these shingles laid on top of each other will make five shingles to every 2 inches. The next lowest grade is the "6 to 2s," and besides being thinner they have some knots and are of poorer material in general. The labor cost of laying is in each case the same. The best is the cheapest in the long run.

In former years, when the old iron nails were in use shingles would hang to a roof until worn so thin by the weather that they afforded no protection. But of late years, when we have to use common wire nails, the nail will rust off long before the shingle is worn out. As a result, the roof is blown off a little at a time long before its usefulness should be ended. Because of this shingles should never be nailed on except with nails which have been galvanized heavily.

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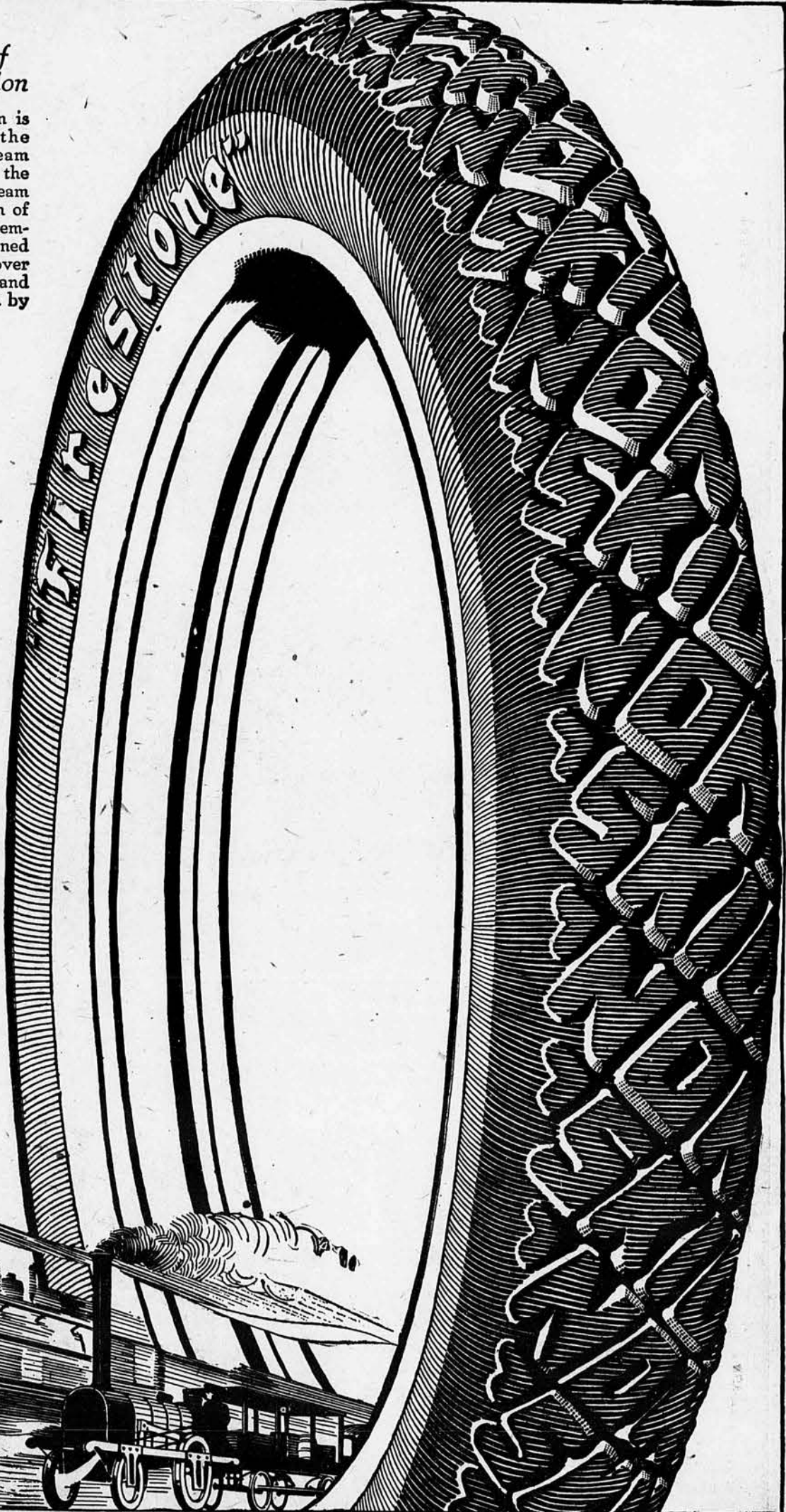
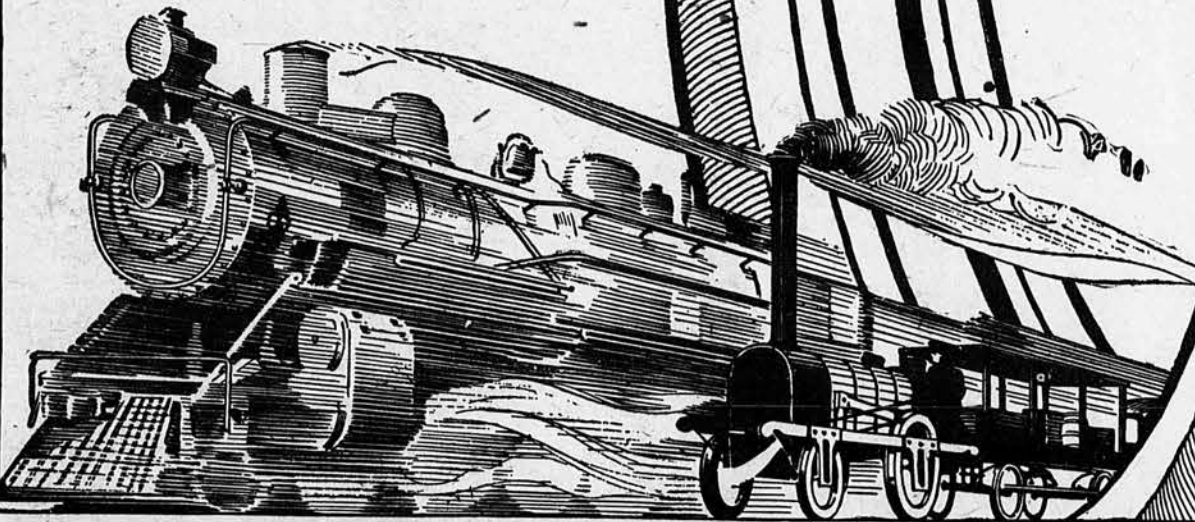
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Corn Planting is in Progress

Many counties in Kansas report oats coming up, and corn being planted. An especially large acreage of sorghums is expected, as it is felt that safe farming will pay this year as never before.

Pratt County—Wheat is in very bad condition. Hundreds of acres are dead. The ground is too dry for oats to grow well. Stock wintered well, but feed is scarce. Pigs are in great demand.—J. L. Phelps, March 29.

Bourbon County—Very little rain has fallen during the last two weeks. Wheat is not doing very well. A large acreage of oats has been sown. Corn planting is now in progress. Pastures are greening up.—Jay Judah, March 31.

Brown County—About one-half of the wheat was killed during the winter. Early sown oats are coming up. Ground is very dry, and some wells falling. Wheat \$2; corn \$1.15; oats 60c; cream 41c; eggs 26c; hogs \$14.50.—A. C. Dannenberg, March 30.

Linn County—We are having fine spring weather. Farmers are well along with their spring work. Some corn has been planted and more will be planted next week. A large acreage of oats and flax has been sown in this county.—A. M. Marply, March 31.

Labette County—We need rain badly. Farmers have been hauling water since last October. We are having high winds and a few showers, but we need a soaking rain to start the spring work. Early wheat looks good. Corn planting is the order of the day.—Wilbert Hart, March 31.

Gray County—We are having a remarkably dry and windy spring. Wheat looks as if it were a total failure. Stock has wintered well. Grain and stock of all kinds selling very high. Considerable hay has been shipped in from Eastern Kansas, which is unusual.—A. E. Alexander, March 30.

Morton County—Weather is still dry and windy. Ground is too hard to plow. A large amount of sod would be plowed if the ground was in condition. A large crop of broomcorn, milo, barley and kafir is expected. The wheat crop is a failure. Corn \$1.10; milo \$1.20.—E. E. Newlin, March 30.

Sedgwick County—The northwestern part of this county had 1/2 inch of rain March 24. High winds have been destructive to growing wheat. Oats is coming up and some corn is being planted. Alfalfa is growing nicely. Corn \$1.08; oats 70c; butter 25c; eggs 24c; hogs \$14.95.—J. R. Kelso, March 31.

Elk County—We are having spring weather with high winds. A great deal of ground has been broken up, and if warm weather continues the farmers will begin planting next week. Grass is coming out slowly. Eggs 26c; cream 38c; butter 36c; potatoes \$2.50; prairie hay \$10.—Mrs. S. L. Huston, March 31.

Osborne County—Very dry and windy. Stock water is getting scarce. Nearly all the wheat is dead, and oats and barley being drilled in the wheat ground. With favorable weather there will be a small crop of stalk wheat. Old hens are now paying for their winter board.—W. F. Arnold, March 29.

Ellsworth County—Most of the farmers have given up hope of a wheat crop and have put in oats and prepared a large acreage for corn. A few think that with rain next week there would be some wheat worth cutting. Wheat is \$2 on the market, and very little is being sold here.—C. R. Blaylock, March 30.

Geary County—We have had several wind and dust storms this month that have proved an injury to the wheat. Some wheat fields look bad, and others look fine. Oats growing almost finished. Lots of wheat ground is being put to oats. Potatoes are being planted. Corn \$1.15; oats 65c; eggs 25c; hogs \$14.—O. R. Strauss, March 31.

Morris County—Although we had a good rain March 13, the surface is now very dry. It is a little too early to tell how much of the wheat will be left but there will be a small crop at best. Farmers are busy preparing ground for corn. Very few farmers are able to take advantage of high prices of cattle and hogs, as they have nothing ready.—J. R. Henry, March 31.

Real Public Service

Governor Capper did not disappoint the people of Kansas who gave him more than 180,000 majority when he slapped the old gang of legislative fixers in the face. His veto of the pet bill of the public utilities corporations was the best act of his new administration. For had that bill become a law the people of Kansas would have been at the mercy of every unscrupulous utility corporation.

The bill provided that any public service corporation, except a railroad, could file a schedule of new rates with the public utilities commission at any time, and unless a demand was entered by the commission within 30 days, the new schedule of rates would become effective automatically and immediately. This was the "joker" in the bill. Under it the public service corporations were prepared to bury the utilities commission up to their eyes with the schedules of rate changes so that the commission would have more business on hands than they could investigate in 30 years—in- stead of 30 days, as the law provided.

The present law which provides for a hearing before the utilities commission on the justice of any proposed change of rates before they can be put into effect is good enough for any utility corporation that desires to deal fairly with the people, and the people of Kansas are willing at all times to give the corporations a square deal.—Kansas City, Kan., Gazette-Globe.

1842 The Seventy-Fifth Anniversary of 1917

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Three-Quarters of a Century of "Knowing How" Hammered Into Every One of Them.

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LEPAGE'S GLUE

7 HOUSEHOLD NECESSITY 100

What Shall I Do, Doctor?

BY DR. CHARLES LERRIGO

Home Remedy.

Mrs. E. W. E.:

I wish I might give you some "simple home remedy" to cure your case as you request. Unfortunately there is no likelihood that any simple remedy will help. Your lack of control of the urine suggests the likelihood that the bladder was injured when your baby was born; quite likely there is a fistula, which would account for the leakage. You must have an examination by a surgeon.

Blood Pressure.

Please explain what is meant by high blood pressure, and giving symptoms. Can it be prevented or cured? FARMER.

I used a whole column in the issue of November 11 to tell something about "Blood Pressure" and it is too big a subject to explain in less. If there is much demand I will reprint it. Meantime look up your back files.

Nasal Catarrh.

S. F. M.:

The nasal catarrh that is so marked a feature in your case may be due to growths or deformities in the nose that interfere seriously with proper breathing. The symptoms do not point to tuberculosis. See a nose and throat specialist and get your breathing apparatus repaired.

Heart Disease.

T. P. M.:

Diagnosing valvular heart disease by mail is uncertain work but your symptoms lead me to suspect a mitral leak. Better be examined.

Try this Diet.

Mrs. L. M. S.:

Do not overlook the fact that eye-strain is a much more frequent cause of severe headache than is indigestion. If your eyes are not at fault try a month of milk and raw egg diet. The milk need not be skimmed but it should not be rich in cream. An ounce of limewater to each pint of milk will be helpful.

Teeth and Rheumatism.

Subscriber:

Rheumatic arthritis. Late investigations lead us to look for some remote focus of infection in such cases as yours. Mostly this is found in abscesses around the teeth (pyorrhoea) or in diseased tonsils. Clearing up these troubles cures the rheumatism.

Here's Another.

E. R. N.:

See answer to "Subscriber" about rheumatism. I do not think it likely that an operation on the hip is required. Let your doctor find the focus of infection and clear it up.

Catarrh and Consumption.

L. R.:

If catarrh of the nose and throat were a sure step to consumption there would be a host of citizens on the way. To cure catarrh you must fortify the body at every point. Cultivate resistance to "colds" by living much in the open air and by cold bathing. Eat nourishing food, but observe dietetic rules and avoid overeating as well as over-dressing. Sleep with wide open windows. A good wash for your atomizer may be made from Sells' Alkaline Tablets which any druggist will sell you.

Anxious:

The remedies used to rid the body of tape-worm have such possibilities for harm that you should not risk using them without the help of a physician.

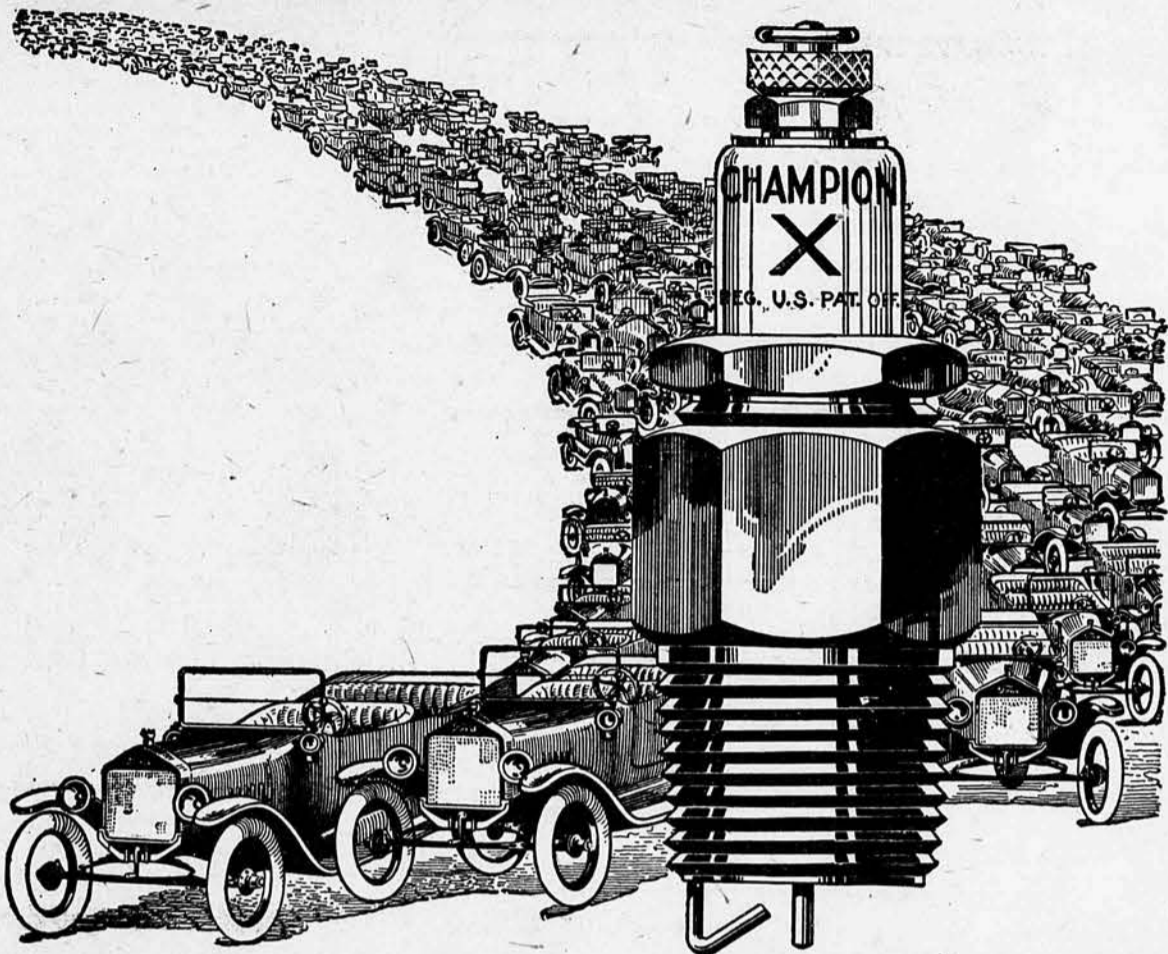
Reduce the Fire Losses

A few weeks ago a Wyandotte county farmer got up as usual one morning and started out to do his chores. There was a large barn on the place, but there were no windows on that side of the house. When the farmer stepped out of the door he saw only a heap of charcoal and smouldering ashes where his barn had stood the night before. Only the fact that the wind was in a favorable direction had saved the house, and possibly the lives of the farmer and his family.

There is little doubt that proper care, with a view to prevent fire, would have saved the barn in question. One of the common causes of fire and the spread of fire from one building to another is the presence of trash and waste matter. The flames may start either from a spark or from spontaneous combustion, or possibly from some other cause like the burning off of a patch of dead grass that runs up to the trash. In any case the danger is always there.

There is no place where the observation of spring Clean-up Week, April 16 to 21, is of more importance than on the farm.

A farmer is usually helpless in the grip of a fire after it is started. Fire control is possible in only a limited way in the strictly rural districts. No farmer can afford to maintain a fire department, and farm homes usually are too



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Install it yourself with a screw driver. No figuring pulleys, no chance of installing it wrong for it runs in either direction, attached to the floor, the wall or the ceiling. It's as cheap as an ordinary line-shaft with the governor pulley thrown in.

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S. G. TRENT, BOX B, HIAWATHA, KAN.

scattered to make possible community fire departments such as are maintained by cities and towns. Of course a farmer may provide himself with a limited amount of chemical apparatus, and he will find a provision of that sort a mighty profitable investment, but such equipment is effective only so long as the fire is in its incipient stage. The moment the flames attain any considerable headway a farmer is helpless and at their mercy.

That is why the spring clean-up is of such special importance to farmers. Fire prevention is far more effective than fire fighting, but nowhere is that truth more applicable than in the rural districts. A farmer's only real hope of safety lies in removing the causes of fire from his premises.

Grain Prices Climb Steadily

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

Grain markets went on attaining new high levels last week, with a steady absorption of current carlot offerings at large premiums, for milling and export, and speculative buying stimulated by adverse crop conditions in the West, and by the urgent demand for cash wheat. The May delivery price reached \$1.96 1/2 in Kansas City. The market developed irregularly after the maximum prices were attained and the close was about 4 cents under the top, and about 5 cents higher than the preceding week.

A surprising increase in primary receipts of wheat had little effect in curbing the rise in prices. About a half million bushels arrived in Kansas City, yet elevator stocks decreased more than 1/2 million bushels.

Reported sales of wheat for export were moderate, but enough to indicate that foreigners will take all the wheat that the United States can spare between now and harvest. North American exports were 4 1/2 million bushels, 4 million bushels less than a year ago. Probably half of last week's exports were from Canada.

Crop news probably was more influential than any other single factor. Reports from Kansas and Nebraska indicated that at least half the 1 1/2 million acres of winter wheat in those two states is in precarious condition, much of it already beyond hope, and the rest dependent on getting rains quickly.

As an offset to these conditions, however, the prospects in the area east of the Missouri River appear to be for a great deal more wheat than those sections produced last year. Kansas and Nebraska, however, are the chief surplus producing states and conditions there command more attention than elsewhere.

With the opening of lake navigation soon a large increase in exports of Canadian wheat is expected, as supplies in sight in that country are larger than at this time last year, notwithstanding the deficient crop. Canada has exported about 100 million bushels to date since September 1. The official estimate of the amount available for export for the entire year is 149 million bushels, and the ample supplies now piled up in Canadian elevators indicate that the shipments abroad will exceed the estimate.

Moderate receipts and urgent demand for carlots maintained a strong tone in the corn market and new high record prices were made. The May price reached \$1.18 1/2 in Kansas City and \$1.19 1/2 in Chicago. The close was about a cent under the top, and nearly 3 cents higher than the preceding week. Carlots in Kansas City sold as high as \$1.22 1/2 for No. 2 white corn.

There was no such increase in corn receipts as in wheat. Arrivals at three principal markets were about the same as in the preceding week, tho a little larger than a year ago. The week's exports were 1,226,000 bushels.

Saturday's grain quotations were:
Wheat: No. 2 hard, \$2.08 to \$2.15; No. 2 soft, \$2.07 to \$2.11; mixed, samples, \$1.82.
Corn: No. 2 mixed, \$1.19 to \$1.19 1/2; No. 2 white, \$1.21 1/2; No. 2 yellow, \$1.19 1/2 to \$1.20.
Oats: No. 2 white, 66 1/2c to 67c; No. 2 mixed, 64 1/2c to 66c; No. 2 red, 65c to 68c.

Liberal supplies of hogs—the accumulation in the country of animals that would have been shipped before but for the threatened strike—were taken readily by buyers during the first part of last week, and with the first sign of a decrease in the movement brisk competition developed and prices went to new high levels, \$15.35 for the best hogs. The market Saturday was 25 to 35 cents higher than the preceding week.

Cattle prices were depressed 10 to 25 cents by liberal receipts early in the week, but part of the loss was recovered later and some grades sold at new high record prices. Some quarantine steers sold at \$11, the highest price ever paid for steers from below the line. Western and native steers sold up to \$11.85 to \$12, the equal of any previous record this year. Some yearling steers sold at \$11.75. Colorado, Western Nebraska, Idaho, Montana and Western Kansas steers fattened on sugar beet pulp sold at \$10.75 to \$11.85. A year ago the top price was \$9.25. Yearling steers were in liberal supply and went down 25 cents. Choice cows were steady, top \$10.75, and heifers and medium cows were 15 to 25 cents lower. Veal calves were up 50 cents, top \$13. Bulls continued in active demand at firm prices.

Stock and feeding cattle were in liberal supply, and the medium to fair grades were quoted off 15 to 25 cents and choice grades steady. Stock cows and heifers were in active demand and prices firm.

Small net changes occurred in sheep prices. Lambs sold up to \$15, a high record price, and a carload of early spring lambs from Texas, brought \$16. They averaged 44 pounds. Friday 10 car loads of fed lambs, the entire supply, sold at \$14.50 to \$14.85. Few sheep are coming.



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The Largest Mower in the World

Cuts a swath any width up to 8 ft. wide. Compensating lever and spring carries the cutter bar on the drive wheels, increases traction, does away with side draft and weight on horses' necks. Standard Mowers are one of the many implements in the E-B line. Backed by 65 years' experience. Look for the E-B trade mark on the implements you buy. It is our pledge of quality and your guide to easier, better, more profitable farming.



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50 Progressive, 25 American and 200 June bearing plants, strong and healthy, for \$2. 25 Gooseberries, \$1. 4 Honeysuckles, red and yellow, 50c. Parcel postage free. Write for our price list on trees, plants and vines. Will save you money.
JAS. MCNICOL, LOST SPRINGS, KANSAS

IF YOU STAMMER

Write McKie School for Stammerers, 2402 E. 12th St., Kansas City, Mo. Established 13 years. Highly endorsed. Special April rates.

FREE Sample SEED CORN

15 varieties of Seed Corn are shown on our FREE price list—write for one TODAY. Plant Stoecker seeds and get the results you want. Before you buy be sure and get full details from us. A postal card brings the price list and free sample.
STOECKER SEED CO.
Dept. 4 Peoria, Illinois

99% GERMINATION GUARANTEED

If You're For America First You Will Show Your Colors



Your Flag and My Flag
By Wilbur D. Nesbit

Your flag and my flag,
And how it flies today
In your land and my land
And half a world away!
Rose-red and blood-red
The stripes forever gleam;
Snow-white and soul-white—
The good forefathers' dream;
Sky-blue and true blue, with
stars to gleam aright—
The gloried guldon of the day;
a shelter through the night.

Show Your Colors, Let The World Know You Are A True American And Proud Of It

Whatever our creed, our religion, our politics, we should all be Loyal American citizens, true to our friends, our country and our flag—the emblem of Justice, Freedom and Liberty. As one who loves his Country and zealously supports it and its interests we should all be proud to unfurl the stars and stripes and show our patriotism during these stirring days of a national crisis when true Americanism is the foremost idea of the moment. Too many of us are content to let others display their loyalty while we merely look on and assent. We should not only acknowledge our patriotism, but we should also show it.

You May Have One of These Flags Free

The flag we want to give you is 3 ft. x 5 ft., is hand sewed, warranted fast colors, absolutely rain proof and guaranteed not to fade. It is a flag we take pride in giving you and you should take pride in receiving. It is the stars and stripes and therefore the most beautiful, most glorious flag in the Universe.

Our Free Offer: { Farmers Mail and Breeze One Year, Capper's Weekly One Year and Flag.....\$1.40

If you haven't a flag and want one now is the time to get one free. For the small sum of \$1.40 you can't afford to pass this offer by.

FARMERS MAIL AND BREEZE, Flag Dept., Topeka, Kan.

BIG BARGAINS IN REAL ESTATE

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

Special Notice All advertising copy discontinued or change of 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.

80 A. IMP., 65 cult. 2 mi. Chetopa. \$55 a. Geo. Brecheisen, Jr., Chetopa, Kan.

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

FOR SALE. Well improved farm near town; splendid stock farm; small payment; easy terms. Lewis Pendleton, Dodge City, Kan.

90 ACRES, 60 A. cult. 80 a. farm land. 4 r. house; good barn, spring water. \$3,000. Terms. W. J. Foreman, Westville, Okla.

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

100 A., 1 1/2 mi. Lebo, Kan. 80 cult., 20 bluegrass pasture. \$75 a. Mtg. \$2500, 6 1/2%. Trade for mdse. Hedrick & Beschka, Hartford, Kan.

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

320 ACRE STOCK RANCH, 80 acres broke, bal. blue stem pasture; living water, fair improvements. Price \$30 per a. for short time. Guss Schimpff, Burns, Kan.

FOR SALE—4 1/2 acres in cultivation, 200 bearing fruit trees, 8 room house, cement barn and garage, good well and cistern. T. W. Thompson, R. 27, Box 2, Topeka, Kan.

640 ACRES IMP., 8 miles station, 225 a. wheat, 1/2 goes. Smooth. \$85.00 per acre. C. W. West, Spearville, Kansas.

320 ACRES WHEAT land, Gove County, Kan. Price \$2000. We offer other bargains. Parish Investment Company, Kansas City, Missouri.

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.

IMMEDIATE possession beautiful suburban 120 acre farm, adjoining Ottawa, rich, smooth land, very fine modern buildings. Write for full and complete description. Terms if wanted. Mansfield Land & Loan Company, Ottawa, Kan.

160 ACRES located 2 miles of good railroad town, Franklin County, Kansas. All nice smooth tillable land; 120 acres in blue grass pasture, and timothy and clover meadows; good 7 room house; good barn; close to school and church. Price \$75 per acre. Extra good terms. Casida & Clark, Ottawa, Kan.

RIVER BOTTOM FARM 471 ACRES. Improved 1 mile out. \$17 per acre. Easy terms. Cliff Tomson, Syracuse, Kansas.

WE HAVE GOOD FARM LAND in Ness and Trego County, Kan. From \$15 to \$40 per acre. Write us for list. Fouquet Brothers Land Co., Ransom, Kan.

FERTILE KANSAS LAND CHEAP

Those who located in Central Kansas 20 years ago are the big farmers today. Their land has made them independent.

Your chance now is in the five Southwestern Kansas counties adjacent to the Santa Fe's new line, where good land is still cheap.

With railroad facilities this country is developing fast. Farmers are making good profits on small investments. It is the place today for the man of moderate means.

Wheat, oats, barley, speltz, kafir and broom corn, milo and feterita grow abundantly in the Southwest counties referred to. Chickens, hogs, dairy cows and beef cattle increase your profits.

You can get 160 acres for \$200 to \$300 down, and no further payment on principal for two years, then balance one-eighth of purchase price annually, interest only 6 per cent—price \$10 to \$15 an acre.

Write for our book of letters from farmers who are making good there now, also illustrated folder with particulars of our easy-purchase contract. Address

E. T. Carlidge, Santa Fe Land Improvement Co., 1891 Santa Fe Bldg., Topeka, Kan.

480 ACRES, 6 1/2 miles N. W. Leoti, Kan., on main line Mo. Pac. R. R., perfectly level and improved as follows: Good 3 room frame house, big barn, cattle sheds, milk house, feed rack, good well and windmill, water tanks, 40 acres in good state of cultivation and all fenced. Price \$6500, \$3500 cash, balance 3 years 5% interest.

860 acres 9 miles N. E. Selkirk, Wichita county, Kansas, all perfectly smooth. Beaver Creek runs through one quarter, running water the year around, 80 acres good bottom alfalfa land. Price \$7200, terms. NO TRADES. F. G. Jones, Leoti, Kan.

SANTA FE LANDS ON LONG TIME. L. J. Pettijohn, Gen'l Agent, Dodge City, Kan.

CHASE COUNTY FARM. 315 acres, 2 miles town on Santa Fe. 160 acres first bottom, no overflow. Fine timber feed lot. 140 acres bluestem pasture. Fair improvements. Close to school; daily mail, telephone. \$24,000; liberal terms. J. E. Bocook & Son, Cottonwood Falls, Kan.

FINE FARM HOME. POSSESSION AT ONCE. 200 a. 7 mi. Yates Center; 60 a. creek valley; no rock; smooth land; good improvements. Price \$60 per a. Loan \$6000. If interested write for pictures and description. Iola Land Co., Iola, Kansas.

EASTERN KANSAS FARMS 50, 80, 160 and 240 a. Improved farms near Lawrence. We offer for 20 days at \$40 per acre. Good terms. Have several farms for rent. Hemphill Land Co., Lawrence, Kan.

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.

Lane County

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

80 Acres Only \$500

Only 7 mi. Wichita. Virgin black loam soil. New 5-room cottage, new barn, etc., only \$500 cash, \$500 Aug. 1st, \$500 yearly. E. M. Mills, Schweiter Bldg., Wichita, Kan.

FARM HOMES FOR YOU

160 a. farm, rich loam soil, improved, 100 a. alfalfa land, well located, \$7500, \$3000 handles. 80 a. farm, rich soil, improved, fine location, \$4500, \$2500 handles. H. E. Osburn, 227 E. Douglas, Wichita, Kan.

CHEAP Lands in Western Kansas. Choicest Wheat or Pasture land. Griffith & Baughman, Liberal, Kansas.

A Dandy Stock Farm

About 1600 acres; 200 acres of good creek bottom land, 800 acres smooth wheat land; running water; close to school and town. Possession now. Price \$14.00 an acre. Write us for our map and folder. The King Realty Co., Scott City, Kan.

Cash for Farm Lands

Where you find one purchaser for a large tract of land we can furnish twenty wanting small tracts, 40s and 80s. Let us subdivide and sell your place. Write for particulars and references. Closing up estates a specialty.

MIDDLE WEST LAND AUCTION COMPANY C. F. Sutter, Pres., I. H. Johnson, Gen'l Mgr., P.O. Box 374, Office, Hub Bldg., Salina, Kan.

BUY TOWN LOTS IN LIBERAL, KANSAS

The busiest and fastest growing town in the state. A solid block of 24 residence lots right in the path of the city's present development. Good homes on all sides. Three blocks from grade school, four blocks from high school. Nine blocks from P. O. If you want a safe investment that will double in value in a short time grab this snap. Price for entire block only \$2,000. E. J. THAYER, Owner, Liberal, Kansas.

ALABAMA

LOCATE on the Gulf, Mobile & Northern R.R. Large or small tracts, suitable for alfalfa, general farming, truck, pecans, oranges and stock raising. New road, new country. Healthy, rapidly developing. Address H. H. Bolton, Immigration Agent, Mobile, Ala.

MONTANA

640 ACRE Montana homestead—new law. Circular free. Bureau 112, Boulder, Mont.

MONTANA The Judith Basin offers exceptional opportunities to the farmer, stockman and investor. Surveys by ordinary farming methods. Harvest every year—out once in awhile. No irrigation, splendid climate, excellent water, good markets. You can do better in the Judith Basin. Buy direct from the owners. Prices lowest terms offered. For information and prices send request. Address THE COOK-REYNOLDS CO., Box R1405, Lewiston, Montana

ARKANSAS

FOR ARKANSAS farms and ranches, write for lists. R. D. McMullen, Ola, Ark.

79 ACRES, IMP., 45 A. Cult. \$2200.00. Moss & Hurlock, Siloam Springs, Arkansas.

80 A., 25 CULT.; \$15 a. 160 a., 80 cult.; bal. timber; water, house, barn, orchard; public road; no rocks. \$20 an acre. Robt. Sessions, Winthrop, Ark. (On Ry.)

IF YOU WANT good farm, stock and fruit lands, write us for list. Robertson & Son, Magazine, Arkansas.

200 A. 6 mi. R. R. station; 60 acres in cult. Small Imps. \$1500, 1/4 cash, bal. long time. Wallace Realty Co., Leslie, Ark.

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

5,000 A. RICH bottom land in tracts to suit. Well located, don't overflow. \$15 to \$25. Chas. Thompson, Jonesboro, Ark.

182 ACRES, improved. 100 cult., bal. timber and pasture. \$3,000. Good terms. Yell Co. Land Co., Danville, Ark.

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

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

REMARKABLE FARM BARGAIN. 314 acre farm, 145 acres cleared, 200 acres under fence; 14 acre apple and peach orchard. Price \$6,000. Write Arkansas Land & Investment Agency, Searcy, Arkansas.

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.

Must Be Sold in Twenty Days

to settle partnership business, 40 acres, 2 1/2 mi. from Berryville, Ark. (county seat). 1/2 mile to church and school; good roads, all fenced with hog wire; 30 acres in cult., but all can be cultivated when cleared; 10 acres fine timber, oak, hickory and walnut, no pine; 7 a. bottom land, never-failing well, good spring, good new barn and house. Immediate possession. Made a splendid crop corn last season and will raise anything; no swamps or overflows in this section. Price \$32.50 per a. \$5 per a. cash and bal. in monthly payments 7% int. until paid. Adjoining land sold for \$40 and \$50 an acre. An ideal home for someone. Don't write but wire when you will arrive. B. H. Atkinson, Berryville, Ark., principal owner.

COLORADO

TWIN LAKES IRRIGATED LAND at unheard of prices. Requisitions and cheap dry lands. Write today for prices. Grene & Dean, Ordway, Colorado.

FOR SALE: One of the best stock ranches in southern Colorado. 1120 acres with irrigation, alfalfa and 1st class improvements. Price \$20 per acre. Easy terms can be secured. Edwin B. Haver, Room 119, Central Block, Pueblo, Colo.

COLORADO LAND

I have a few of the best, cheapest farms and ranches in the best of East Colorado. Climate, soil, water, crops, schools and opportunities. Write for FACTS, prices, terms. R. T. Cline, Brandon, Colo.

100% FARMS

If you want to buy good farm land located in the "Best Wheat, Oats and Corn Country" in Eastern Colorado at from \$15 to \$45 per acre on good terms of payment that will produce 100% every year on the first money you invest write for my free list of Special Farm Bargains. CHAS. E. PURDY, Box 96, Akron (Washington County), Colorado.

MISSOURI

16,000 A. Ozark farm lands or any part; write owner. Rucker, Rolla, Mo.

283 A. HIGHLY IMP. Grain and stock farm. \$40 a. Gammon & Tracy, Buffalo, Mo.

160 A. 1 1/2 MI. Bolivar. Well improved. \$65 a. Lamun & Pemberton, Bolivar, Mo.

FOR SOUTHEAST MISSOURI farms, write M. Leers, Neelyville, Mo.

120 ACRES, 60 cult. Improved. Good water. \$2400. W. W. Tracy, Anderson, Mo.

918 ACRES, mile to town, good corn and grass land, two sets improvements; \$17.50 acre. Higley, Rolla, Mo.

BARGAINS in improved and unimproved farm lands in Southern Missouri. Corn Land Co., Springfield, Mo.

POOR MAN'S CHANCE—\$5.00 down, \$5.00 monthly, buys 40 acres grain, fruit, poultry land, near town. Price only \$200. Other bargains. Box 425-0, Carthage, Mo.

OKLAHOMA

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

EASTERN OKLAHOMA farms, ranches, oil lands. \$5 up. Blank Bros., Stillwell, Okla.

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

WRITE US FOR TERMS, price and particulars on 70 a. fruit farm near City, a fine proposition; paid in fruit 1916 \$2400. McClendon & Jones, McAlester, Okla.

HUNDREDS of Kansas people have bought homes of me. My illustrated list and map of Oklahoma is free. Ask for it. Perry DeFord, Oakwood, Okla.

80 ACRES FINE VALLEY; 65 acres cultivated. \$2000. Mortgage \$1,200, 7 years. Givens & Ryan Land Co., Holdenville, Okla.

480 A. THIS COUNTY; near oil development. Can lease for oil \$1.50 per a. Good pasture. \$4.50 per a. Terms. Southern Realty Co., McAlester, Okla.

2587 ACRE RANCH

LeFlore County, Oklahoma. 6 miles R. R. station. 257 acres good bottom land; woven wire fencing, 3 sets buildings, 3 separate fields, bal. extra good pasture land, well watered. For quick sale \$3.75 per acre, half cash, balance two and six years, 6% interest. O. C. Buschow, Fort Collins, Colo.

WISCONSIN

80,000 ACRES our own cut-over lands; good soil, plenty rain, prices right and easy terms to settlers. Write us. Brown Bros. Lbr. Co., Rhineland, Wis.

UPPER WISCONSIN. Best dairy and general crop state in the Union. Settlers wanted; lands for sale at low prices on easy terms. Ask about our cutover lands for cattle and sheep grazing. Write for booklet No. 21 on Wisconsin. Address Land Department, Soo Lines, 1207 1st Nat'l Bank Bldg., Minneapolis, Minn.

TEXAS

960 A. RICH BOTTOM LANDS. 300 cultivation; 3 sets improvements; 1 mile railroad town; fine roads. Good water, healthy location, soil 10 feet deep; no overflow; 2 million feet hardwood timber; sacrificing account trouble; half price. M. C. Wade, Texarkana, Texas.

SALE OR EXCHANGE

IF YOU WANT TO BUY, sell or trade land, write R. A. Ward, Alden, Kansas.

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

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

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

100 ACRES, north Missouri. Price \$20,000; mtg. \$7,200. Want Kansas land, residence or mill. Thane Holcomb, Garnett, Kan.

FOR SALE. My home and blacksmith shop at Waterloo, Kingman Co., Kan. 9 room house, barn, garage, hen house, cellar. 5 acres ground, nearly all in alfalfa; fenced and cross fenced with woven wire; everything in good shape. Shop 24x84; power and all modern tools; plenty work; fine people; been here over 20 years; money-maker. Reason for selling, getting old. Would trade for real estate. Write for particulars to Adolph Wagner, Owner, Waterloo, Kan.

1000 ACRES, exchange for anything. 10 a. up. Timber, water and grass. S. A. Robinson, Southwest City, Mo.

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

THREE RANCHES in Elk Co. to exchange for wheat land, city property or small farm. F. J. Brown, Howard, Kansas.

FOR SALE. Book, office supplies, wall paper and art store, located in good college town. Good paying business; will sell at a bargain or trade for good farm land. For further particulars address. Bardwell & Bardwell, Manhattan, Kan.

TWO FINE QUARTERS priced at \$60.00 per acre. One 4 miles east Ellis, all under cultivation, no improvements. Other 7 miles northeast Ellis, 120 acres under cultivation, balance hay meadow, improvements fair. Wish to sell immediately. Will take clear residence up to \$4000.00 on either farm. Western Real Estate Co., Ellis, Kan.

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

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

HALF SECTION, 5 MI. WAKEENEY. No improvements. 200 acres in wheat, 1/4 to purchaser. Will take in residence to \$3,000 as first payment. \$35 per acre. Western Real Estate Co., Ellis, Kan.

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Count each initial, abbreviation or whole number as a word in both classification and signature. No display type or illustrations admitted.

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S. C. ANCONA EGGS \$2.00 PER 15. VEVA Hogarty, Minneapolis, Kan.

S. C. ANCONA EGGS \$5.00-100. FINE layers. Mrs. Will Torgeson, White City, Kansas.

LAYMORE ANCONAS—EGGS 15, \$2.00; 100, \$10.00. 40 hens, \$1.00 each. I. L. Strange, Hugo, Okla.

PURE BRED ANCONAS EXCLUSIVELY. 15 eggs \$1.00. 100-\$5.00. Lucie House, Haven, Kan.

EGGS FROM HEAVY LAYING ANCONAS 15-\$1.25; 100-\$6.00. D. J. Mackey, Pittsburg, Kansas.

SHEPARD'S STRAIN ANCONAS. THE EGG case kind, single comb, non-setters. 100 eggs, \$5.00. Mrs. Bessie Buchele, Cedar Vale, Kansas.

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BLUE ANDALUSIANS. EGGS 15-\$2.00. 100-\$8.00. Mrs. C. W. Parks, Eureka, Kan.

BABY CHICKS.

PURE BRED BARRED ROCK CHICKS 12 cents. Alice Lunger, Conway, Kan.

STRONG BARRED CHICKS. 7 CENTS each. Cash with order. J. Rodgers, Liberal, Kan.

DON'T FAIL TO READ OUR CHICK ADV. In White Leghorn column. Hatcheries, Iola, Kansas.

50,000 LUSTY THOROUGHbred CHICKS, guaranteed alive. Patterson's Hatchery, Melvern, Kan.

CHICKS FROM PRANTZ YESTERLAID strains S. C. White Leghorns, 12 1/2 cents each. C. G. Cook, Lyons, Kan., Box G.

FOR SALE—50,000 THOROUGHbred baby chicks, guaranteed alive 10 cents each. Colwell Hatchery, Smith Center, Kan.

BABY CHICKS: 20 LEADING VARIETIES. Safe delivery guaranteed. Catalog free. Miller Poultry Farm, Route 10, Lancaster, Mo.

50,000 PUREBRED BABY CHICKS. PREPAID. Guaranteed alive, 12 1/2 cents. Rocks, Reds, Leghorns, Wyandottes. Young's Hatchery, Wakefield, Kan.

BABY CHICKS—QUALITY, VIGOR. WHITE Leghorns, both combs. Buff Orpingtons. Trap-nest record back of every chick. Write for price list. Fluhart Hatchery, Hutchinson, Kansas.

BABY CHICKS. WHITE LEGHORNS, Barred Rocks, Reds, Buff Orpingtons, 10 cents each; S. C. Black Minorcas, 15 cents each; eggs. Riverside Poultry Farm, Blackwell, Okla.

BANTAMS.

BLACK TAILED JAPANESE BANTAM eggs. Wm. Wischmeier, Mayetta, Kansas.

MAMMOTH LIGHT BRAHMAS. EGGS \$1.00 per 15. A. M. Richardson, Altoona, Kansas.

LIGHT BRAHMA EGGS \$1.50 PER 15; \$6.00 per 100. Elmer Hoyt, Chapman, Kan., R. 3.

BUFF COCHIN BANTAMS—EGGS 10c each. Stock \$3.00 a pair; beauties. Ernest Gage, Minneapolis, Kan.

FINE BUFF COCHIN BANTAMS. THREE pens. \$1.00-\$1.50-\$2.00 15 eggs. Lester Fagan, Minneapolis, Kansas.

FOR SALE—WHITE COCHIN BANTAMS. Stock and eggs; 17 eggs delivered \$1.25. Alberta Peffley, Eldorado, Kan.

PURE BRED PRIZE WINNERS. LIGHT Brahma eggs 15-\$1.25, insured parcel post, prepaid. Mrs. V. E. Rogers, Sharon, Kan.

BRAHMAS.

PURE BRED LIGHT BRAHMA EGGS 15, \$1; 100, \$5. Emma Downs, Lyndon, Kan.

PURE BRED LIGHT BRAHMAS. EGGS 16 per \$1.00. Carrie Warner, Grenola, Kansas.

THOROUGHbred MAMMOTH LIGHT Brahmata. 15 eggs \$1.00. Cora Lilly, Olivet, Kan.

HIGH SCORING LIGHT BRAHMA EGGS \$1.00 per 15. Parcel post prepaid. Geo. Pratt, R. No. 2, Topeka, Kan.

BRAHMA—PURE BRED HEAVY LAYING strain. Light Brahma eggs, 15 for \$1.00, 100 for \$5.00. Mrs. Harry Hayman, Formosa, Kansas.

WARD'S CHAMPION STRAIN OF LIGHT Brahmata. 4 yards of choice birds. Eggs \$3.00 for 13 straight. Send for catalog. Nickerson Poultry Yards, Nickerson, Kan.

BLACK SPANISH.

WHITE FACED BLACK SPANISH CKL. for sale. Eggs \$1.50 per 15. H. W. Chestnut, Kincaid, Kan.

WHITE FACE BLACK SPANISH, 15 EGGS \$2.00; 30, \$3.90; 50, \$5.00, prepaid. Mrs. Hattie Tyler, Fairview, Kansas.

BUTTERCUPS.

SICILIAN BUTTERCUPS. EGGS 15-\$2.50 postpaid. Clifford Defenbaugh, Havana, Kan.

BUTTERCUPS. THE FARMER'S FRIEND. Write for prices. Mrs. James Shell, R. 8, Pittsburg, Kan.

BUTTERCUPS. THE FARMER'S, FANCY-ers, and family fowl. Circular and mating list free. Walter Bachman, 1039 Fillmore, Denver, Colorado.

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SILVER CAMPINE EGGS FOR HATCHING \$3.25 per 50. \$6.00 per 100. W. W. Stover, Fredonia, Kan.

CORNISH.

DARK CORNISH EGGS \$3.00-15. OLIN E. Dawkins, Ottawa, Kan.

DARK CORNISH EGGS \$1.50 PER 15. DR. Weed Tibbitts & Son, Richland, Kansas.

RAY'S PEDIGREED WHITE CORNISH. Write for mating list. Roscoe C. Ray, Wichita, Kansas.

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BUFF DUCK EGGS \$1.50 SETTING. MRS. O. Curd, Lawrence, Kan.

WHITE PEKIN DUCK EGGS, \$1.50 PER doz. Henry S. Voth, Goessel, Kan.

BUFF DUCK EGGS \$1.50 PER 12. MRS. Florence Sleglinger, Peabody, Kan.

BUFF ORPINGTON DUCK EGGS. \$1.50 per 15. J. J. Klenda, Marion, Kan.

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BUFF ORPINGTON DUCKS, AND EGGS reasonable. Nellie Marple, Bayard, Kan.

PEKINS; PRIZE WINNERS, 15 EGGS \$1.25 prepaid. Miss M. Kragh, Driftwood, Okla.

WHITE RUNNER DUCK EGGS 13-\$1.00; 100-\$5.00. Chas. McFadden, Morland, Kan.

TRUE LIGHT FAWN RUNNERS. EGGS \$1-15. \$5-100. J. B. Fagan, Minneapolis, Kan.

ENGLISH PENCILLED RUNNER DUCK eggs, 15-\$1.00. Joseph Kepple, Richmond, Kan.

THOROUGHbred BUFF DUCK EGGS \$2.00 per 13. Harry Winters, Independence, Kansas.

PURE INDIAN RUNNER DUCK EGGS, per 24, \$2.00 prepaid. E. V. Eller, Dunlap, Kan.

FAWN AND WHITE RUNNER EGGS. \$1.00 setting, \$3.00 fifty, \$6.00 hundred. Roy Wilkins, Miltonvale, Kan.

FAWN RUNNER DUCK EGGS \$1.00 SETTING. Ducks from prize winners. Carl Freeburg, Halstead, Kan.

EGGS FROM LARGE FAWN AND WHITE Runners. Fine layers. 15-\$1.00 Garland Johnson, Mound City, Kan.

DUCKS.

FAWN AND WHITE RUNNER DUCK eggs \$4.00-100. Clara and Rosa Schneider, Howard, Kan., Rt. 5, Box 5.

CHOICE LIGHT FAWN AND WHITE Runners. White eggs 15 for \$1. 100, \$4.50. Mrs. Bert Cordry, Haddam, Kan.

FAWN RUNNER DUCKS. PRIZE WINNERS. White eggs, \$1.00 setting, \$3.00 50, \$5.00 hundred. Mrs. Ben Miller, Newton, Kan.

ENGLISH PENCILLED INDIAN RUNNER Eggs: 50c a dozen called for; 75c parcel post. Miss Grayce Gibbs, 2 miles east Billings, Okla.

FAWN AND WHITE INDIAN RUNNER duck eggs \$1.00 per 13, \$3.00 per 50, \$5.00 per 100. Mrs. Robt. Greenwade, R. R. No. 4, Blackwell, Okla.

FOR SALE: FAWN AND WHITE RUNNER duck eggs. White egg strain. 75c per 13, \$4.00 per hundred. A. W. Drips, Haddam, Kansas, R. R. No. 1.

MAMMOTH PEKIN DUCKS HEADED BY 10 lb. drake. Setting 12 eggs \$1.50. Pure White Indian Runner setting 12 eggs \$1.25. Fawn and White Indian Runner setting 15 eggs \$1.00. J. J. Lefebvre, Onaga, Kansas.

PREPARE FOR PROFIT WITH YOUR runners. Have the best next year. We shall close out our young drakes as soon as feathered at \$1.00 each. Six, \$5.00. Fawn and white. White eggs. 325 egg strain. Booking orders now. Geo. F. Wright, Klowa, Kansas.

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MAMMOTH TOULOUSE GEESSE EGGS 20C each. A. G. Cook, Luray, Kansas.

TOULOUSE GEESSE EGGS, 10c EACH. Harry McNeaj, Abilene, Kan., R. 3.

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March 17, 1917.

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ROSE COMB RED EGGS-EXHIBITION and utility matings, \$7.50, \$5.00, \$3.00 per 15 eggs. Free mating list. Best of guarantee. Fred Kelm, Seneca, Kan.

RHODE ISLAND REDS.

11 YEARS BREEDING WINTER LAYING Single Comb Reds, 15 eggs \$1. Hundred \$4. Mrs. F. H. Holmes, Monument, Kansas.
R. C. REDS. COCKS HEADING FLOCK from \$10.00 cock. Winter layers. Eggs \$2.00, 15. Mrs. Walter Shepherd, Woodward, Okla.
ONE HUNDRED EGGS FOUR DOLLARS. From Big Buster Rose Comb Rhode Island Reds. Mary C. Shields, Rural 1, Barnes, Kansas.
S. C. R. I. RED EGGS-UNEXCELLED laying strain, won first-second pullet at last Emporia show. H. T. Ferguson, Severy, Kansas.
SINGLE COMB RED EGGS, LARGE BONE, laying strain, range \$1.00 pen, \$1.75 per 15. Postage prepaid. John Haworth, Argonia, Kan.
ROSE COMB RHODE ISLAND RED EGGS for sale. Scored pen eggs \$2 1/2 or \$10 100. Range \$1 1/2 or \$5 100. M. L. Fridley, Wamego, Kan.
R. C. RHODE ISLAND REDS-BEST WINTER layers, eggs from selected birds, \$1.00 per 15, \$5.00 per 100. Mrs. A. J. Nicholson, Manhattan, Kansas.
SINGLE COMB RHODE ISLAND REDS. Eggs \$2.75 per 50; \$5.00 per 100, from Meier's First Prize World's fair strain. H. A. Meier, Abilene, Kan.
ROSE COMB REDS DARK VELVETY. (Bean strain.) Satisfaction guaranteed. Eggs 15-\$1.00, 100-\$5.00. Mrs. Monie Wittsell, Rt. No. 1, Erie, Kan.
ROSE COMB RED EGGS, THOROUGH-bred winter layers, ten cents a piece; hundred, eight dollars. Fertility guaranteed. W. Clyde Wolfe, Ellsworth, Kan.
ROSE COMB RED EGGS FROM WINTER layers; good color; good bone. Mating list free. Satisfaction guaranteed. Baby chicks. E. G. Rowland, Peabody, Kan.
EGGS FROM WINTER LAYING ROSE Comb Reds. Selected birds. Bred exclusively seven years. Setting \$1.50. Fertility guaranteed. Mrs. Byron Young, Greenleaf, Kan.
EGGS: \$5.00-100. LEADING STRAIN. Standard requirements. Dark, classy, R. C. Reds. Bred winter layers. Limited number day old chicks 10c. Charles Sigle, Lucas, Kan.
WHITE'S LAYING STRAIN STILL WINS. Fine quality combined with production. Eggs \$1.50, \$3.00 and \$5.00 a setting. Write for mating list. H. L. White, 1747 N. Waco, Wichita, Kansas.
FOR SALE-EGGS FOR HATCHING, FROM my famous Single Comb Reds, winners at Hutchinson and Wichita shows. Dollar per setting-and up. Mating list free. Joe Brada, Great Bend, Kan.
PURE ROSE COMB RHODE ISLAND RED eggs. Females sired by premium cockerel Ill. State Fair. Pens \$2.00 and \$3.00 per 15. Flock \$5.00 per hundred. A. W. Hibbets, Damar, Kan.
ROSE COMB REDS. STATE SHOW WINNERS for years. Eggs, choice yards, \$3.00 to \$5.00 per 15. Extra good farm range \$5.00 per 100. Free catalog. Mrs. Clyde Meyers, Fredonia, Kan.
ROSE C. RED EGGS FOR HATCHING from beautiful dark color, \$1.50 per setting, \$5.00 per hundred. Baby chicks \$10.00 per 100. Mrs. M. S. Corr, Cedar Knoll Poultry Farm, Solder, Kan.
ROSE COMB REDS, 9% LB. COCKEREL sired by San Francisco and Chicago 1st prize winners, now in our pens, 15 eggs \$2-\$3; 50-\$6. Range 100, \$4.50. Mrs. Alice Clinkenbeard, Wetmore, Kansas.
FERTILITY AND SAFE ARRIVAL GUARANTEED on low priced eggs for hatching, from high quality both combs Rhode Island Reds. Fourteen years breeding, mating list free. H. A. Sibley, Lawrence, Kansas.
ROSE COMB RED EGGS LAYING STRAIN Reds exclusively for 10 years. Dark Red and large bone pen No. 1 \$2.50 for 15. \$10.00-100. Pen No. 2, \$1.50 for 15. \$6.00-100. Mrs. W. H. Smith, Raymond, Kan.
ROSE COMB REDS, BEST OF BREEDING, deep color, "quality is our motto," hatch your own roosters, eggs \$1.50 per 15; \$3.25 per 50, prepaid. Fertility and safe arrival guaranteed. Mrs. Arthur Dilley, Beattie, Kan.
SINGLE COMB REDS, LARGE, BRED from Oct. layers. Highest fertility and safe arrival guaranteed. Prepaid. Settings \$1. 100, \$4.50. Pawa Runners. 15-\$1. 100-\$3.50. Mrs. Jno. Whitelaw, Lawrence, Kan.
ROSE COMB RED EGGS, \$6.00 PER 100. Missouri Experiment Station, 245 egg strain \$3.00 per 15. 50 quality hens, \$1.50 to \$2.50 each. Won first pen at State Show last three years. Morris Roberts, Holington, Kansas.
S. C. REDS; MYSELF AND CUSTOMERS have been winners for years at Kansas City, Topeka, Pittsburg and Leavenworth. Eggs from best producing pens. \$3 setting. J. J. Sumnerwell, 3218 North 28, Kansas City, Kansas.
ROSE COMB RHODE ISLAND RED EGGS for hatching from a high class, bred-to-lay farm range flock, \$1.25 per setting, \$5.00 per hundred. Infertile eggs replaced free. Safe arrival guaranteed. A. J. Turinsky, Barnes, Kansas.
S. C. REDS, EXHIBITION AND UTILITY eggs and chicks. Pen A is headed by 2nd and color special Kansas State 1916. My birds are of the strain that produced the Madison Square Garden winners 1916. Thos. D. Troughton, Wetmore, Kan.
OVERWEIGHT ROSE COMB REDS. BRILLIANT color, heavy bone, long back. Splendid layers. Exceptional pen values. Ten pound males. Choice range flock eggs, 100, \$6.00. Strong fertility and safe arrival guaranteed. Baby chicks and broilers. Geo. F. Wright, Kiowa, Kan.
ROSE AND SINGLE COMB REDS. WE won on rose combs, first and second cockerel, second cock, second hen, fourth pullet. On single combs first pen, third hen. Federation state show Dec. 16, Pittsburg, Kansas. Send for mating list. Cedar Grove Farms, Lansing, Kansas.
SIX GRAND PENS ROSE COMB RHODE Island Reds that have shape, size and color. Mated to roosters costing \$15.00 to \$50.00, 15 eggs \$2.50, 30 eggs \$4.00, 50 eggs \$6.00. Fine pure bred range flock, \$5.00 per 100. Baby chicks. Send for catalog. W. R. Huston, Red Specialist, Americus, Kan.
PREPAREDNESS. ENSURE YOURSELF for winter eggs, by raising birds from Stockbrand's bred to lay S. C. Reds. Three selected matings that will produce prolific winter layers. Eggs \$1.00 per 15 eggs, \$5.00 per 100. Quality considered my prices are reasonable. Clarence H. Stockbrand, Box 116, Yates Center, Kan.

RHODE ISLAND REDS.

CHOICE SINGLE COMB REDS. DARK large bone. Eggs \$4.50, 100. Satisfaction guaranteed. Mrs. W. P. McFall, Pratt, Kan.
ROSE COMB REDS. REDS NOT BUFFS; eggs at live and let live prices, 5 Grand Pens this spring, pen 1, \$4 per 15; pen 2, 3, and 4, \$3.50 per 15, \$6.00 per 30; pen 5, \$1.50 per 15, \$2.50 per 30. I have always taken my share of Blue Ribbons wherever shown; at Salina this winter, 1, 2, hen, 2nd cock, 2nd pen, 1, 2, 3, 4, pullet. Satisfaction guaranteed. "Redview" Poultry Farm, Hays, Kan.
TURKEYS.
PURE BOURBON RED TURKEY EGGS \$3. per 12. E. Eller, Dunlap, Kan.
BOURBON RED TURKEYS. EGGS 11, \$3.50. Mrs. J. E. Bundy, Goodrich, Kan.
NARRAGANSETT TURKEY EGGS. 11-\$4.00. Mrs. Perry Myers, Fredonia, Kan.
WHITE HOLLAND TURKEY EGGS. \$3.00 per eleven. Mrs. Warden Hand, Ellsworth, Kan.
BOURBON RED TURKEYS FULL-BLOODS, eggs \$3 per 11. Mrs. Will Lyerla, Crestline, Kan.
MAMMOTH WHITE HOLLAND TURKEY eggs, 11-\$3.00. Charles McFadden, Morland, Kan.
BOURBON RED TURKEY EGGS FROM old stock, \$3 for 11. Augusta Hand, Ellsworth, Kan.
PURE BRED BOURBON RED TURKEY EGGS \$3.25 for 12 prepaid. Lorenzo Reed, Kanopolis, Kan.
PURE BRED BOURBON RED TURKEY EGGS, 11-\$3.00; 22-\$5.00. Robt. Mantey, Mound City, Kan.
BOURBON RED TURKEY EGGS FROM selected stock, \$4.00 per 11. Mrs. D. A. Rodgers, Concordia, Kan.
MAMMOTH WHITE HOLLAND EGGS from 18 pound hens, 40 pound tom, \$4.00 dozen. Yeoman, La Crosse, Kan.
PURE BOURBON RED TURKEY EGGS \$2.50 per 11. Baby turkeys 50 cents each. Mrs. Vivian Anderson, Oswego, Kan.
MAMMOTH WHITE HOLLAND TURKEY eggs from the large boned kind, \$3 per 10. C. G. Cook, Lyons, Kan., Box G.
GIANT BRONZE TURKEY EGGS 50C each. Large, well-marked hens, tom Goldbank strain. Vira Bailey, Kinsley, Kan.
BOURBON RED TURKEY EGGS FROM turkeys that have won first prize at shows, \$3.00 setting. S. Peitler, Concordia, Kan.
TURKEY EGGS. MAMMOTH BRONZE, Bourbon Holland, \$3.75 per 12 prepaid by mail or express. Walter Bros., Powhatan Point, Ohio.
MEYERS BOURBON REDS EXCEL IN size, color and markings. Three choice matings. Eggs \$3.50 to \$5.00 per 11. Free catalog. Mrs. Clyde Meyers, Fredonia, Kan.

WYANDOTTES.

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WHITE WYANDOTTE EGGS \$1.00-15. \$5.00 100. Dr. O. F. Searl, Solomon, Kansas.
WHITE WYANDOTTE EGGS. \$5.00-100. \$1.80-30. Mrs. Will Beightel, Holton, Kan.
WHITE WYANDOTTE EGGS. \$4.00 PER hundred. W. H. Stephens, Corning, Kan.
PARTRIDGE WYANDOTTE EGGS. \$1.00 per 15. Mrs. J. M. Smith, Tribune, Kan.
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PURE BRED SILVER WYANDOTTE EGGS 15, \$1; 100, \$5. Emma Downs, Lyndon, Kan.
SELECT SILVER WYANDOTTES. EGGS \$1-15. \$5-100. J. B. Fagan, Minneapolis, Kan.
EGGS FOR HATCHING. PURE BRED Golden Wyandottes. A. B. Grant, Emporia, Kan.
SILVER WYANDOTTES. EGGS \$5.00 AND \$8.00 per 100. Chas. Flanders, Springhill, Kansas.
PARTRIDGE WYANDOTTE EGGS \$5.00-100. \$1.50-15. D. E. Powell, El Dorado, Kansas.
SILVER WYANDOTTE EGGS. RALPH Sanders, Springdale Farm, Osage City, Kansas.
FOR SALE-PURE BRED GOLDEN WYANDOTTES. 30 eggs \$2.50. Adam Zillinger, Logan, Kan.
COLUMBIAN WYANDOTTES. EGGS \$1.50 per setting. Greenhaven Poultry Farm, Tescott, Kan.
PARTRIDGE WYANDOTTES BETTER than ever, eggs and stock. Rosa Carder, Lyndon, Kan.
WHITE WYANDOTTE EGGS. 15-\$1.00. 50-\$2.50. 100-\$4.50. Mrs. George Rankin, Gardner, Kan.
WHITE WYANDOTTES. EGGS FOR hatching for sale. Ginette & Ginette, Florence, Kan.
PARTRIDGE WYANDOTTE PRIZE WINNERS, eggs, baby chick. E. E. Grimes, Minneapolis, Kan.
SILVER WYANDOTTE EGGS FOR HATCHING. \$4.00-100; 16-.75. John Younce, Anthony, Kan.
GOLDEN WYANDOTTE EGGS FROM prize winning stock. Mrs. H. O. Mott, White City, Kan.
FANCY BRED SILVER LACED WYANDOTTES. 15 eggs \$1.50. Oscar C. Miller, Mooreland, Okla.
WHITE WYANDOTTE COCKERELS. EGGS pen \$1.50, 15. \$5.00, 100. Mrs. M. Austin, Miltonvale, Kan.
WHITE WYANDOTTES, WINTER LAYERS. 15 eggs \$1, postpaid. Mrs. Roscoe Good, Downs, Kan.
PARTRIDGE WYANDOTTE EGGS \$3.00 per fifteen, \$5.50 per thirty. Mrs. O. E. Collins, Drexel, Mo.
WHITE WYANDOTTE EGGS. \$5.00-100. \$3.00-50, \$1.50-15. L. Higgenbottom, Fredonia, Kansas, Route 2.
PURE BRED SILVER WYANDOTTE EGGS hatching 15, \$1.00, 50, \$2.50. Mrs. George Milner, Neosho Falls, Kan.
EGGS FROM CHOICE SILVER WYANDOTTES, \$1.00-15; \$5.00-100. Mrs. B. P. Anderson, Trousdale, Kan.
SILVER WYANDOTTES. BEST ALL round breed, vigorous, grand laced flock, eggs 15-\$1.00; 100-\$5.00. Mrs. Ed Bergman, Paola, Kansas.

WYANDOTTES.

WHITE WYANDOTTE EGGS, WINTER layers that win, 15-\$1.25; 100-\$6, prepaid. Dwight Osborn, Delphos, Kan. WOODS SILVER WYANDOTTE HATCHING eggs. Better than ever. Prices low. Earl Wood, Grainfield, Kansas. PURE WHITE WYANDOTTE EGGS, 16-\$1.25; 100-\$4.00. Farm Range. Mrs. Tad Stevens, Winfield, Kan., Route 7. WHITE WYANDOTTES EXCLUSIVELY. Eggs \$1.00 for fifteen, \$5.00 per 100. Mrs. G. P. O'Conner, Macksville, Kan. ROSE COMB WHITE WYANDOTTE EGGS 16 90, 100 \$4.00. Parcel post 16 \$1.00. Mrs. H. G. Stewart, Tampa, Kan. WHITE WYANDOTTES REGAL STRAIN, pullets \$1.25. Eggs 24, \$1.25; 100, \$4.00. Mrs. John Jevons, Wakefield, Kan. GOLDEN WYANDOTTE EGGS 16 FOR \$1.25. 50 for \$3.50. Satisfaction guaranteed. Will R. Dennis, Eureka, Kan. R. C. WHITE WYANDOTTE EGGS \$1.50 per 15, \$5.00 per 100. Mrs. Robt. Greenwade, R. R. No. 4, Blackwell, Okla. WHITE WYANDOTTES. FARM RAISED. Eggs \$1.50 per setting. \$5.00 per hundred. Mrs. Emma Arnold, Manhattan, Kan. WHITE WYANDOTTE EGGS FOR HATCHING. \$1.00 setting, \$2.50, 50, \$4.50, 100. Mrs. Don Barry, Smith Center, Kan. SILVER WYANDOTTE EGGS FROM FREE range, well marked birds \$5 100; setting \$1.00. Mrs. A. A. Tennyson, Lamar, Kan. LAYER-PAYER SILVER LACED WYANDOTTE eggs per hundred \$4.50. Fifty \$2.50. Fifteen \$1.00. Irve Wright, Clifton, Kan. WHITE WYANDOTTE EGGS FROM HENS that win, lay and pay, \$4.00 hundred; \$2 fifty. Ideal Poultry Farm, Concordia, Kan. EGGS FROM LAYING STRAIN OF SILVER Wyandotte per 100-\$5.00, setting \$1.50. Henry L. Brunner, Rt. No. 5, Newton, Kan. WHITE WYANDOTTE EGGS. STOCK (from Fishel World Best direct), \$2.50 for 48 prepaid. S. Peltier, Concordia, Kan. WHITE WYANDOTTE EGGS \$2 PER FIFTEEN. Winners of first and second pens Salina show. Frank Henderson, Solomon, Kan. CHOICE COLUMBIAN WYANDOTTE COCK- erts and pullets from prize winning strains \$1.50 up. J. H. Alexander, R. 3, Clay Center, Kan. THOROUGHbred ROSE COMB WHITE Wyandotte eggs, 90c per 15; \$2.50 per 50, \$4.50 per 100. Henry S. Voth, Goessel, Kan., Route 2. WHITE WYANDOTTES, EGGS FROM heavy layers. \$1.50-15. \$2.50-30. \$6.00-100. Extra quality/ Geo. B. Griffiths, Baileyville, Kan. WHITE WYANDOTTE EGGS, 15-\$1.50. 100-\$6.00. Guarantee 60% hatch or duplicate order at half regular price. H. A. Dressler, Lebo, Kansas. SHUFF'S "BEAUTILITY" SILVER WYANDOTTES. Eggs 15, \$1.50; 50, \$3.50; 100, \$6.00. Baby chicks. Mrs. Edwin Shuff, Plevna, Kansas. WHITE WYANDOTTE EGGS. SNOW white. Good layers. Free range. \$1.25-15, \$3.00-50. \$5.00 hundred. M. M. Weaver, Newton, Kansas. WATTLES COLUMBIAN WYANDOTTES. Finest birds in the West. Eggs \$3.00 per 15. \$5.00 per 30. Stock for sale. H. A. Wattles, Wichita, Kan. FOR SALE—THOROUGHbred COLUMBIAN Wyandotte eggs for hatching. \$1 per 15 or \$5 per hundred. Mrs. Wm. Heilmann, Clay Center, Kan., R. 3. WHITE WYANDOTTE COCKERELS. Pure bred, large, pure white, first prize winners, \$3 to \$10 each. Hens and pullets. Mrs. Chas. Gear, Clay Center, Kan. SILVER LACED WYANDOTTES FOR beauty and utility, eggs \$1.00 setting; \$5.00, 100; 60% hatch guaranteed or will duplicate at half price. J. L. Benson, Cleburne, Kan. WHITE WYANDOTTE EGGS FROM A closely culled flock using high scoring cockerels. 15 eggs \$1.50; 100, \$6.00. Satisfaction guaranteed. Andrew Kosar, Delphos, Kansas. WHITE WYANDOTTES, PURE WHITE. Stay White. Eighteen years a breeder. Eggs from selected matings \$1.50 and \$2.00 per fifteen. \$8.00 per hundred. R. Boyd Wallace, Stafford, Kan. ROSE COMB WHITE WYANDOTTES— Show quality and heavy winter layers. 15 eggs \$1.25; 30-\$2.00; 50-\$3.00; 100-\$6.00. I guarantee safe arrival and satisfaction. Garland Johnson, Mound City, Kansas.

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SEEDS AND NURSERIES.

CHOICE SHAWNEE WHITE SEED CORN. J. A. Ostrand, Elmont, Kansas. BLACK AMBER CANE SEED. \$1.50 A bushel. J. W. Agur, Spearville, Kansas. FETERITA GRADED AND CLEANED. \$4.00 per hundred. Fred Hothan, Scranton, Kan. PURE RECLEANED FETERITA SEED. \$1.75 bu. Charles Genter, Anthony, Kan. BLACK HULLED WHITE KAFIR SEED, \$2.00 per bu. R. J. Kirkwood, Spearville, Kan. FOR SALE—ALFALFA SEED, BALE TIES at wholesale prices. A. B. Hall, Emporia, Kansas. GOOD WHITE BLOSSOM SWEET CLOVER seed at a fair price. N. Miller, Hamilton, Kan., Box 853. 20 APPLE OR 20 PEACH \$1.00. BERRIES and ornamentals. Waverly Nurseries, Waverly, Kan. STRAWBERRY PLANTS, 200-\$1.00. RHU- barb roots, doz. .50 postpaid. McKnight Bros, Cherryvale, Kan. BLACK HULLED WHITE KAFIR SEED, recleaned, tested and sacked, \$2 per bu. Grover Lee, Pratt, Kan. BERMUDA ONION PLANTS \$1.00 FOR 500 or \$1.75 per 1,000, delivered. O. J. Walker, Pinemount, Fla. CHOICE OKLAHOMA DWARF BROOM- corn seed. Two dollars per bushel. A. J. Thompson, Okarche, Okla. PURE SUDAN RECLEANED, THIRTY cents pound, four pound lots, supply lim- ited. Hillside, Leedeey, Okla. SUDAN SEED. KANSAS GROWN, CLEAN, fancy seed. Write for price and sample. The Gould Grain Co., Bucklin, Kan. KAFFIR SEED. BLACK HULLED \$2.00 A bu. Can furnish car lots. Samples sub- mitted. A. M. Brandt, Severy, Kansas. CHOICE ALFALFA AND WHITE BLOS- som Sweet Clover seed. Write for samples and prices. Asher Adams, Osage City, Kan. SEED CORN FOR SALE. BOONE COUNTY White, carefully selected, \$2.50 per bushel, shelled. J. W. Taylor, Edwardsville, Kan. SUDAN SEED, RECLEANED HOME grown 1916 crop. 40 cents per pound net, 100 pounds 35 cents. J. E. Wiese, Spearville, Kan. GRADED HIAWATHA YELLOW DENT seed corn. Recleaned alfalfa. Write for samples and prices. Lott & Stine, Glasco, Kansas. BLACK HULLED WHITE KAFFIR SEED. \$2.25 per bu. in 2 bu. sacks. Sacks free. Also Kaffir in head. H. W. Chestnut, Kin- cald, Kan. SEED CORN. 1916 SELECTED GOLDEN Beauty Boone County Strawberry red. Samples submitted. \$2.50 bu. A. M. Brandt, Severy, Kan. PURE GODLMINE AND BOONE COUNTY White seed corn selected. Graded \$2 per bushel. Alfalfa seed \$7.50 per. Samples free. J. F. Feigley, Enterprise, Kan. RESIST DROUTH, ENRICH SOIL, PRO- duce stock food with soy beans. Hand cleaned seed, \$3.00 per bushel. Mrs. H. E. Bachelder, Fredonia, Kan. SEED CORN: BOONE COUNTY, HICK- ory King, St. Charles, Gold Mine, \$2 bushel. Samples submitted. St. Marys Grain Co., St. Marys, Kan. SEED CORN—PRIZE WINNING STRAINS. Reid's Yellow Dent, Johnson or Boone County White and Iowa Silver Mine. M. C. Thompson, Maryville, Mo. GOOD NURSERY STOCK AT MONEY SAV- ing prices. Sweet potato and frost proof cabbage plants. Write for particulars. Ozark Nursery Co., Tahlequah, Okla. WRITE US FOR EXTRA CHOICE NEW crop recleaned Sudan, 30c per pound, kafir \$3.50 per hundred, f. o. b. Lubbock, Kimbro & Parks Grain Co., Lubbock, Tex. SEEDS—COMPLETE STOCK GARDEN, field and flower, catalogue free. In mar- ket for grass seed. Wyandotte Seed Co., Kansas City, Kan., 435 Minnesota Ave. BLAIR WHITE SEED CORN. ADAPTED to Kansas and Oklahoma. Heavy yielder, early and a drought resister. Free book. Aye Bros., Blair, Neb. Seed corn center of the world. PURE SEED CORN. KANSAS SUN- flower, yellow, Boone Co. White, Commer- cial White graded, guaranteed. \$2 per bushel. Alfalfa seed. J. M. McCray, Zeand- ale, Kansas. POTATO PLANTS, 100-35c; 500-\$1.35; 1000- \$2.50. Postpaid. Nancy Hall, Yellow Yam, Triumph, Cuby Yam, Southern Queen, Pink Yam. Order now. Ozark Nursery, Tahlequah, Okla. WHITE TEPARY BEANS. GREATEST drouth resistant crop. Make over 1,000 lbs. per acre. 10 cts. per lb., here. No or- ders filled for less than \$1.00. Henry Beck- with, Caddoa, Colo. 100 GUARANTEED 3 TO 4 FOOT PEACH, Elberta or Assorted. 100 Progressive Ever- bearing Strawberries. 10 Concord only \$5. You can't beat it. Order today. Sunflower Nursery, Lawrence, Kan. DWARF BLACK HULL WHITE KAFFIR. Drought resister. Under 100 lbs. 5 cts. 100 to 500 4 cts. Over 500 lbs. 3 1/2 cts. per lb. Graded and sacked F. O. B. Tyrone, Okla. J. W. Wartenbee. SEED CORN—REID'S YELLOW DENT, high quality, and Shawnee White, high yielder, \$2.00 bushel. Shelled and graded. Sacks free. W. A. Luthy, Cedar Point Farm, Route 6, Topeka, Kan. SEED CORN: 1916 CROP. SATISFACTORY germination guaranteed. (Test it yourself before payment.) Write for particulars. Northern grown Sudan seed. Willis Conable, Grower, Axtell, Marshall Co., Kan. SUDAN, \$32.00, FETERITA, CREAM AND Red Dwarf maize. Dwarf and Standard kafir, canes, dwarf and standard broom- corn, all \$6.00 per 100 pounds. Freight pre- paid anywhere. Claycomb Seed Store, Guy- mond, Okla. BEAUTIFUL FLOWERS. BIG STOCK Canna, Gladiola, Woolflower, Salvia, To- mato, Cabbage, Pepper, Sage and other flower and vegetable plants, seeds and bulbs. Write for descriptive pricelist. Henry Jefferies, Ottawa, Kansas. ALFALFA AND KAFFIR SEED: RE- clean, home grown, non-irrigated alfalfa seed \$5, \$6, \$7, \$8 and \$9.00; white flower Sweet clover hulled \$12.00, unhulled \$7.50; pure white kafir \$2.00; good growing kafir 1% cane seed \$1.75 per bu. Our track. Seamless bags 30c each. Samples on re- quest. The L. C. Adam Mer. Co., Cedar Vale, Kansas.

SEEDS AND NURSERIES.

SEED CORN: IMPERIAL WHITE, SURE cropper 100-day corn, also Boone County white, \$2.00 per bu. Wamego shelled and sacked. Write for samples. Plenty alfal- fa seed, market prices. Wamego Seed & Elevator Co., Wamego, Kan. BERMUDA GRASS — HARDY, RANK growing variety. Stands floods, drouths, hot winds and severe freezing. Best and hardest pasture grass. Great milk producer. Write today for leaflet telling how to get started. Henry Jefferies, Ottawa, Kansas. LESPEDEZA OR JAPAN CLOVER. NOW is time to harrow in oats for big cutting after oat crop. \$8.00 bushel; \$2.25 peck. Gooseneck, Japanese and Ribbon cane seed 15c lb. Finest, recleaned seed. Make your molasses. Ozark Seed Co., Nashville, Ark. CELERY, TOMATO, CABBAGE, SWEET Potato Plants. 5 cents dozen, 40c-100; \$2.00-1000. Black Beauty Egg Plant. Man- go Peppers, Cauliflower, 15c dozen. Ver- bona, Astors, Fanny Plants, 2c each. Ad- dress Chas. Vanstrom, Edgar Green House, Edgar, Neb. BOONE COUNTY WHITE SEED CORN, bred for high yield in ear-to-row method, under supervision of the Agronomy Depart- ment of the State Agricultural College. Tipped, shelled, graded and sacked \$2.25 per bushel. H. V. Cochran, R. No. 6, Topeka, Kansas. EVERBEARING STRAWBERRY PLANTS. Americus, 100 strong healthy plants true to name, only 90 cents, 500 \$4.00. Have tried Americus, Progressive and Superb. Amer- icus proved the best bearer. Big stock flower and vegetable plants. Write for descriptive pricelist. Henry Jefferies, Ottawa, Kansas. FANCY HOME GROWN RECLEANED NON- irrigated alfalfa seed. High germinating power. Guaranteed free from frosted seed. Price \$8.40 bushel, f. o. b. Florence. Sacks free. Ship either freight or express. No order accepted for less than sixty pounds. Reference Florence State Bank. J. F. Sellers, Florence, Kansas. PLANTS: NANCY HALL POTATO PLANTS 100-40c; 500-\$1.25; 1000-\$2.00 postpaid. To- mato plants, for canning Greater Baltimore and Red Rock, the variety used by Van Camp and Rider Packing Companies, and other Giant Packers, also, Chalk's Jewel, Favorite, Matchless, Newstone, Dwarf Cham- pion, Paragon 100-40c; 200-70c; 500-\$1.25; 1000-\$2.00 postpaid. Pepper plants, Mexican Chill, Pimento, Long Red, Cayenne, Chinese Giant, Neapolitan, Ruby Giant, Egg Plants, Black Beauty, Improved Spineless, High Bush, White Plume Celery and Celeraac. Pepper, Celery, Egg Plants 100-75c; 200- \$1.25; 500-\$2.00; 1000-\$3.50 postpaid. Ready April 5. Ozark Seed Co., Nashville, Ark.

PET STOCK.

FOR SALE—BULLDOG PUPS. H. L. FER- ris, Osage City, Kan. PURE BRED NEW ZEALAND RABBITS. \$3 per pair. Dr. Long, Lewis, Kan. FOR SALE, WHITE ESQUIMO SPITZ puppies, address, Spitz Kennels, Clay Cen- ter, Neb. SCOTCH COLLIES—FOUR MONTHS OLD. Three and Four Dollars. Lowell N. Har- ter, Herington, Kan. 10C BRINGS INFORMATION CONCERN- ing the raising and selling of guinea pigs. The Smith Caviary, Herington, Kansas. RAISE GUINEA PIGS—MORE PROFIT- able than poultry, inexpensive to keep. Three dollars starts you. Particulars free. Schloesser's Caviary, Charleston, Ark.

FOR SALE.

40-80 AVERY TRACTOR AND PLOW RIG. Shidler Brothers, Anthony, Kan. FOR TRADE OR SALE. PATENT ON A folding chicken crate. Box 85, Lorraine, Kan. IF YOU HAVE PROPERTY FOR SALE OR exchange write us. Real Estate Salesman Co., Dept. 4, Lincoln, Neb. FOR SALE CHEAP—GOOD 16 H. P. RUM- ley steam engine, or will trade for tractor. Herbert Dyck, Moundridge, Kan. FOR SALE. 9 H. P. PORTABLE GASO- line engine on steel truck in fine running order. Price \$150. J. care Mail and Breeze. FOR SALE—BLACKSMITH AND MACHINE shop, well equipped, oxy-acetylene weld- ing, dandy location. Work for 3 during sum- mer. J. M. Taylor, Hunter, Okla. HERE IS YOUR CHANCE TO GET A FORD touring car and make \$50.00 a week while getting it. Costs nothing to try. Write to- day giving three business references. Agency Manager, 426 Capital Bldg., Topeka, Kansas. FOR SALE—ONE 16 HORSE POWER GAS- oline engine on steel truck. Good as new. Also double seated, rubber tired carriage for sale or trade. Make me an offer. H. W. McAfee, Topeka, Kan., Rt. No. 8.

PATENTS.

PATENTS. PICTURE OF PATENT OF- fice 3-year, calendar and 64p. book free. FitzGerald Co., Patent Attorneys, 816 Wash- ington, D. C., Estab. 1880. MEN OF IDEAS AND INVENTIVE ABIL- ity should write for new "List of Needed Inventions," Patent Buyers, and "How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 25, Washington, D. C. PATENTS SECURED OR ALL FEES RE- turned. Inventors: \$500.00 free in awards. Patents sold free! Our "Patent Sales De- partment" bulletin, and books, free! Send data for actual free search. E. E. Vrooman & Co., 885 F. Washington, D. C. PATENTS—WRITE FOR HOW TO OBTAIN a Patent, list of Patent Buyers and Inventions Wanted. \$1,000,000 in prizes of- fered for inventions. Send Sketch for free opinion as to patentability. Our Four Books sent free. Patents advertised free. We as- sist inventors to sell their inventions. Victor J. Evans Co., Patent Attys., 825 Ninth, Washington, D. C.

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

LANDS.

GOOD 320 ACRES GRAIN AND STOCK farm, improved close to town, for sale by owner. Charley Stover, Coats, Kan.

640 ACRE STOCK FARM FOR SALE, 200 acres bottom land, balance pasture. Address F. D. Bryan, Goodland, Kansas.

FOR SALE—WORTH THE MONEY, 80 acre improved farm in Jackson county, Kan. Good land and close to town. W. M. Gill, McAllister, Kan.

CHOICEST MONTANA LAND, BY OWNERS in tracts to suit. Low prices, easy terms. Holt Land & Cattle Co., First Nat'l Bank Bldg., Miles City, Mont.

1/4 SEC. MEADE CO., 90 ACRES ALFALFA, artesian wells, close to town, two other farms. Want good cattle ranch in Kan. or Colo. M. M. Hayes, Fowler, Kan.

WATER! WATER! EVERFLOWING ARTESIAN wells of good water piped to house and barn. Sure crop country. Farmers getting rich. A few good farms at \$75.00. Good schools, churches, telephones and R. F. D. State Bank, Roswell, So. D.

FREE GOVERNMENT LANDS—OUR OFFICIAL 112 page book "Vacant Government Lands" lists and describes every acre in every county in U. S. Tells location, place to apply, how secured FREE. 1917 Diagrams and Tables, new laws, lists, etc. Price 25 cents postpaid. Webb Publishing Co., (Dept. 92), St. Paul, Minn.

YOU CAN MAKE BIG MONEY RAISING high priced crops on the bargain farms we can sell you on liberal terms in Polk Co., in sunny south Missouri. Ample rainfall, long growing season, short feeding season; improved farms with good buildings, silos, fences, on good roads near good markets. Send for free farm bulletin, many real bargains, some snaps. Write today. Harry T. West Realty Co., Box 50, Bolivar, Missouri.

YOUR CHANCE IS IN CANADA—RICH lands and business opportunities offer you independence; Farm lands, \$11 to \$30 acre; irrigated lands, \$35 to \$60; Twenty years to pay; \$2,000 loan in improvements, or ready made farms. Loan of live stock; Taxes average under twenty cents an acre; no taxes on improvements, personal property, or live stock. Good markets, churches, schools, roads, telephones; Excellent climate—crops and live stock prove it. Special homeseekers' fare certificates. Write for free booklets. Allan Cameron, General Superintendent Land Branch, Canadian Pacific Ry., 14 Ninth-av., Calgary, Alberta.

DO YOU WANT TO INVEST IN GOOD farm lands at low prices? Let us tell you about the section of Eastern Oklahoma, formerly known as Indian Territory, located along the line of the Missouri, Kansas & Texas Railway. Here you will find the richest farm lands of the state—lands capable of producing good yields of all of the staple crops of the north and some of those grown in the southern states. You will find modern cities and towns, good schools and churches, good roads, telephones, electricity, etc. Living conditions can be favorably compared with your home state. These lands are located in the great oil and gas belt of Oklahoma. Many farms are leased for oil development at a rental of \$1.00 an acre a year. This development work does not interfere with farm operations. In addition the owner gets one-eighth of all the oil produced on his land. The U. S. Weather Bureau says, "Eastern Oklahoma is distinctly an agricultural country—agreeable for residence and exceptionally favorable for agricultural pursuits." "Rainfall is well distributed through the growing season and is ample for growing and maturing any of the staple crops." Let us send you dependable free literature telling all about this country. Write today to R. W. Hookaday, Colonization Dept. M. K. & T. Ry., 1504 Railway Exchange Bldg., St. Louis, Mo.

NEW FARM OPPORTUNITY IN ONE OF the greatest states in the Union. A new line of the Santa Fe is tapping a rich and fertile prairie section of Northwest Texas, where already many farmers have made good in a big way with wheat, hogs and live stock. Here, if you act now, you can get first choice—get in on the ground floor of a great opportunity. You can get in ahead of the railway—ahead of the people whom the railway will bring—ahead of those who act more slowly than you do. This is the chance of a lifetime for a man of moderate means. A certain number of thrifty, far-seeing farmers can acquire good land at an astonishingly low figure and on long, easy terms. If you have confidence that a great railroad, like the Santa Fe, would only recommend what it considers a good thing, and because it wants to see new territory developed and wants newcomers to prosper and produce—then write me today for particulars about this district. Mild climate, social advantages, schools, churches, telephones, good roads. Everything there but enough men with their families. Will you be one of the fortunate firstcomers to reap the advantages of a section that has been minutely inspected by a Santa Fe agricultural agent and pronounced right? Write me now and let me send you a copy of the special illustrated circular we are getting out. C. L. Seagraves, Industrial Commissioner, A. T. & S. F. Ry., 932 Railway Exchange, Chicago.

FARMS WANTED.

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

FENCE POSTS.

FOR SALE—HEDGE POSTS. R. L. GRADHAM, Quenemo, Kansas.

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

FOR SALE: FIFTY THOUSAND OSAGE Hedge posts. H. W. Porth, Winfield, Kan.

FOR SALE—TWELVE HUNDRED HEAVY black locust posts, seven feet long for sale on the Scott Farm between Easton and Winfield. Also fifty acres of which about twenty-five under cultivation and some pasture, on same road. Address Albert Berthoud, Winchester, Kan.

MOTION PICTURE PLAYS.

MOTION PICTURE PLAYS—IDEAS AND stories for photoplays wanted by 48 companies; \$25-\$300 each paid. Experience unnecessary. Details free. Producers League, 526 St. Louis.

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CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kansas, buys direct from the farmer. Write for particulars.

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EARN \$25 WEEKLY, SPARE TIME, WRITING for newspapers, magazines. Exp. unrec.; details free. Press Syndicate, 921 St. Louis, Mo.

FEMALE HELP WANTED.

WANTED EXPERIENCED LADY FOR general housework. J. Boston, Marquette, Kan., Route 2.

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

WANTED—STRONG, STEADY MAN EXPERIENCED in farming and stock raising. Will hire by year. State wages expected. Wes. W. Trumbo, Peabody, Kan.

WANTED 500 SALESMEN TO SELL MAGIC Motor Gas. One quart price \$2.00 equals 50 gallons gasoline. Not a substitute. Greatest product ever discovered. Large profits. Auto Remedy Co., 203 Chestnut, St. Louis, Mo.

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

WANTED: HAY AND ALFALFA, QUOTE prices f. o. b. your station. A. C. Butler, Weir, Kansas.

HORSE OWNERS—MY FATTENING RECEIPT mailed for 75c. Sound flesh guaranteed. No horse too old. G. Bickie, Tulsa, Okla.

HOG ARTICHOKE FOR SALE: BIG PRODUCERS. Mammoth White Pearl \$1.00 per bu. P. O. B. cars Wichita. J. O. Rea, Wichita, Kan., Route No. 3.

THOUSANDS GOVERNMENT JOBS OPEN to men and women. \$75 monthly. List positions free. Write immediately. Franklin Institute, Dept. B51, Rochester, N. Y.

ANYBODY WANTING TO BUY A THREE Speed Electric Equipped Harley Davidson motorcycle. Been ridden less than 800 miles and in excellent condition. Priced right. R. J. Blackman, Cole Camp, Mo.

LET HARLEY THE UNDEFEATED DISTemper King of the world cure your horse of Colic and Distemper in any stage, stomach worms in sheep and all wire cuts and old sores of all kinds. Everything guaranteed or money refunded. The Harley Remedy Co., Clarence, Ill.

BIG BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the greatest farm and home magazine in the Middle West for six months. Special departments for dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, Kansas.

Be Careful Whom You Pay

The attention of city marshals and subscribers is again called to the fact that they should be careful to whom they pay their subscriptions for the Daily Capital and the Farmers Mail and Breeze. There are still a few dishonest solicitors in Kansas. The following district managers are alone authorized to solicit subscriptions. Do not pay subscriptions to anyone except those whose names are mentioned below.

- Allen, J. E. Butler; Anderson, H. O. Sare; Atchison, Guy Howard; Barber, J. M. Watson; Barton, E. Huff; Bourbon, F. W. Wittenbraker; Brown, Elmer Saunders; Butler, Thos. Tunstall; Chase, J. W. Coverdill; Chautauque, G. L. Murphy; Cherokee, J. D. Kerr; Cheyenne, R. D. Wolbert; Clark, John A. Blunt; Clay, C. A. Muck; Cloud, L. N. St. Cyr; Coffey, L. E. Pyley; Comanche, John A. Blunt; Cowley, C. B. Miller; Crawford, E. A. Hughes; Decatur, R. D. Wolbert; Dickinson, J. E. Gish; Doniphan, T. E. Neville; Douglas, W. H. Vaughn; Edwards, D. W. Stratton; Elk, G. L. Murphy; Ellis, Thomas Gibbs; Ellsworth, H. H. Kemper; Finney, A. R. Chambers; Ford, D. W. Stratton; Franklin, R. D. Nelswanger; Geary, B. F. Sweet; Graham, E. M. Shaw; Grant, Matt George; Gray, J. K. Herron; Greeley, A. R. Chambers; Greenwood, W. N. Kelsey; Hamilton, A. R. Chambers; Harper, E. Huff; Harvey, D. R. Hawley; Haskell, Matt George; Hodgeman, I. V. Stewart; Jackson, John E. Davis; Jefferson, W. M. Coleman; Jewell, C. A. Muck; Johnson, H. O. Sare; Kerry, A. R. Chambers; Kingman, E. M. Shaw; Kiowa, D. W. Stratton; Labette, G. L. Murphy; Lane, E. Huff; Leavenworth, Ira Berridge; Lincoln, A. N. Holway; Lima, Ruc. Bayles; Logan, H. O. Brown; Lyon, C. H. Drehmer; McPherson, D. R. Hawley; Marion, J. W. Coverdill; Marshall, M. J. Gilkerson; Meade, Matt George; Miami, R. D. Nelswanger; Mitchell, H. J. Edwards; Montgomery, G. L. Murphy; Morris, H. C. Strom; Morton, Matt George; Nemato, E. J. Norman; Neosho, E. J. Marley; Ness, E. Huff; Norton, E. F. Mulloy; Osage, H. O. Golding; Osage, M. D. Duffey; Osage, A. N. Holway; Ottawa, A. E. Gish; Pawnee, I. V. Stewart; Phillips, E. F. Mulloy; Pottawatomie, B. F. Sweet; Pottawatomie, John E. Davis; Pratt, Leo Dorrall; Rawlins, R. D. Wolbert; Reno, J. K. Herron; Republic, E. V. Nelson; Rice, J. K. Herron; Riley, B. F. Sweet; Rooks, H. M. Shaw; Rush, E. Huff; Russell, Thomas Gibbs; Saline, H. H. Kemper; Scott, A. R. Chambers; Sedgewick, E. Huff; Sedgewick, J. O. McMurry; Shawnee, H. O. Golding; Shawnee, W. M. Coleman; Sherman, R. D. Wolbert; Sheridan, H. M. Shaw; Smith, J. W. Patee; Stanford, Leo Dorrall; Stanton, Matt George; Stevens, Matt George; Sumner, Thos. Tunstall; Thomas, R. D. Wolbert; Trego, H. M. Shaw; Wallace, H. O. Golding; Wallace, B. H. Brown; Washington, W. A. Scruby; Wichita, A. R. Chambers; Wilson, Karl F. Spellman; Woodson, L. L. Pyley; Wyandotte, Jonathan Dix;

Let not him that is houseless pull down the house of another, but let him work diligently and build one for himself, thus by example assuring that his own shall be safe from violence when built.

Say you saw it in the Farmers Mail and Breeze.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

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

PUREBRED STOCK SALES.

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

Draft Horses.

May 24—W. T. Judy & Sons, Kearney, Neb.

Holstein Cattle.

Apr. 9—M. E. Peck & Son, Salina, Kan. Apr. 10-11—F. J. Searle, Oskaloosa, Kan. Apr. 18—Lee Bros. & Cook, Harveyville, Kan.

Shorthorn Cattle.

May 1—S. A. Nelson & Sons, Malcolm, Neb. May 2—Geo. Allen & Sons, Lexington, Neb. Sale at Os. Omaha. May 16—H. C. Lookabaugh, Watonga, Okla. May 18—Crosbie, Gillespie, Suppes & Kramor, Tulsa, Okla.

Polled Durham Cattle.

May 24—W. T. Judy & Sons, Kearney, Neb. June 8—Ed Stogelin, Straight Creek, Kan.

Jersey Cattle.

May 31—R. J. Linscott, Holton, Kan.

Poland China Hogs.

April 25—Fred G. Laptad, Lawrence, Kan. May 24—W. T. Judy & Sons, Kearney, Neb.

Duroc-Jersey Hogs.

April 11—G. Latham and W. O. Rule & Sons, Ottawa, Kan. April 25—Fred G. Laptad, Lawrence, Kan. May 24—W. T. Judy & Sons, Kearney, Neb.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

W. W. Otey & Sons, Winfield, Kan., sold at auction March 29, forty Duroc sows and gilts for an average of \$86.25. In the last of the sale a number of September boars sold at a fair price. The top price for sows and gilts was \$137.50 paid for a two-year-old daughter of the champion Good E Nuff Again King. Most of the offering was only

HAMPSHIRE HOGS.

REGISTERED HAMPSHIRE 100 gilts and boars, all 100 lbs. and over, ages. Cholera immune. Satisfaction guaranteed. C. E. LOWRY, Oxford, Kan.

Hampshires of Quality

A few choice fall pigs, either sex, nicely belted and best of breeding. Satisfaction guaranteed. Priced to sell. F. B. WEMPE, FRANKFORT, KANSAS

Shaw's Hampshires 100 registered Hampshires, nicely belted, all immune, double treatment. Service boars and bred gilts. Satisfaction guaranteed. Walter Shaw, R. 5, Wichita, Kan.

CHESTER WHITE AND O. I. C. HOGS.

CHESTER WHITE HOGS Fashionable breeding. Prices reasonable. E. E. SMILEY, FERTH, K. A. N.

O. I. Cs. Breeding stock all sold. Booking orders for March and April pigs. A. G. COOK, LURAY, KANSAS

O. I. C. Service Boars Spring pigs. Both sex. Harry W. Haynes, Grantville, Kan.

O.I.C. Summer Boars and fall pigs, at very reasonable prices, to make room for my spring pigs. F. C. GOOKIN, Russell, Kansas

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

CLINTON COUNTY CHESTERS Booking orders for spring pigs of National Swine Show blood lines. A few good fall pigs at bargain prices. J. H. McANAW, CAMERON, MISSOURI

FEHNER'S O. I. C. Herd headed by the \$500 Eagle Archie. Best 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.

Kansas Herd of CHESTER WHITES All bred stuff sold to Capper Pig Club Boys. Fall pigs for sale. K. I. C. Hogs. ARTHUR MOSSE, LEAVENWORTH, KAN.

CHESTER WHITE PIGS SHIPPED C. O. D. I am booking orders for spring pigs sired by prize winners. Free, 24 page catalog with photos. Also the difference between Chester Whites and O. I. Cs. My herd boar a prize winner, for sale. Henry Wilmers, Diller, (Jefferson Co.) Neb.

"PREPAREDNESS" Get ready for your 1917 pig crop. Large, heavy-boned, early-maturing type of O. I. C. Rich in champion and grand champion blood lines. All ages (either sex) for sale at all times. Satisfaction guaranteed. F. J. Greiner, Box B, Billings, Mo. Breed O. I. C.

POLAND CHINA HOGS.

A Few September Boars and Gilts by half-ton sire, lilac sows. W. C. MILLIGAN, CLAY CENTER, KANSAS

BIG TYPE POLAND CHINAS Boar pigs for sale. Four boars of October farrow at \$25 each. GEORGE MORTON, OXFORD, KANSAS

Fashionable Stock Place Big Type Poland Chinas Breeding stock for sale. Immune. Satisfaction guaranteed. V. O. JOHNSON, ARLINE, KANSAS.

SEPTEMBER BOARS AND GILTS

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

Spotted Poland China Gilts and a few boars. Sept and Oct. farrow. Well grown and well spotted. Also spring pigs in pairs and trios not related. Address CARL F. SMITH, OLEBUBNE, KANSAS

FAIRVIEW POLAND CHINAS Full values offered in 50 fall pigs, sired by Miami Chief and Ware's Blue Valley. For prices and description, address F. L. WARE & SON, PAOLA, KANSAS

Private Sale A few gilts bred for July farrow. Also July boars and am booking orders for spring boar pigs by Hercules 2d out of Helene Again. Price right. Pedigree with each pig. ANDREW KOSAR, DELPHOS, KAN.

Missouri's Best Polands BRED GILTS, by X. L. Columbus, by Smooth Columbus, Big Bone Leader, Big Logan X and Crow's Extra. Bred to Smooth Bob, by Big Bob—dam by Smooth Big Bone, and The Mint, by Goldengate King. Also a few open fall gilts and fall boars. None better in Missouri. Prices reasonable and satisfaction guaranteed. JOE YOUNG RICHARDS, MISSOURI Joe Sheehy

Poland Chinas

Breeding stock as good as the best and at prices consistent with the quality offered. Write your wants. I will try to please. L. C. WALBRIDGE, RUSSELL, KANSAS

Baby Pig Bargains

100 March Poland China Pigs, either sex, for sale, at 10 weeks old. Out of 650 and 700 pound dams and sired by my half-ton herd boars, King of Kansas and Long Jumbo Jr. Pedigree with every pig. Shipped in light crates. Address J. L. GRIFFITHS, Riley, Kan.

Bazant's Famous Spotted Poland Chinas

200 March pigs for sale on approval. All to be recorded free in the S. F. C. Pedigree association. Average in litter nine. Can sell boar and four gilts not related. All sired by three of the best boars in the west. Pigs out of 600 and 700 pound mature dams. I can start you in the business. Address R. J. Bazant, Narka, Kan. Republic County) Ship over Rock Island and Burlington.

Spotted Poland China Boars

25 spotted Poland China boars and 15 gilts. November farrow. Well spotted, well grown, out of big litters and out of big mature sows. Good growing condition but not fat. Also a few Hampshire boars same age. Farmer's prices. Write at once. C. T. Drumm & Son, Longford, Kan., (Clay County)

Elmo Valley Herd IMMUNE POLAND CHINAS

25 Oct. and Nov. Boars sired by Elmo Valley and Orange Valley. Out of big mature sows. Real Herd header material, well grown, stretchy boars that have been grown right. Farmer's prices to move these good boars in 30 days. Can ship over Superior branch, Santa Fe or main line Missouri Pacific. Write at once. J. J. Hartman, Elmo, Kan. (Dickinson County)

in fair breed condition and would have brought more had they been in better flesh.—Advertisement.

Good Jacks, Rock Bottom Prices.

E. P. Maggard, Newton, Kan., has ten jacks left from the car load, his regular annual shipment from Poplar Plains, Ky. These are all good jacks and in order to return to Kentucky as soon as possible he is making rock bottom prices. Here is your chance to buy a good jack cheap. Write him when you will call. The horse is right in town, Newton, Kan. Please mention Farmers Mail and Breeze.—Advertisement.

N. Kansas, S. Nebr. and Ia. 17

BY JOHN W. JOHNSON.

Next Monday is the date of M. E. Peck & Son's big high grade Holstein cow and heifer sale at their farm (Oakwood 29) near Sallina, Kan. 200 head go in this big sale. Their sale affords the man wanting to buy just a few or a car load an unusual opportunity. The Pecks are responsible men and their offering on Monday is one of real merit. Go to Sallina and attend this sale. Free auto accommodations to and from the farm.—Advertisement.

Segrist & Stephenson of Holton, Kan., own the Holstein cow, Lady May Hilton 156898, who has just made an official record of 480 pounds of milk and 26.29 pounds of butter in 7 days. The cow is a 7-year-old and holds state record for all breeds. She is consigned to the F. J. Searle sale. Also four half sisters of Lady May Hilton will be consigned to the sale that have an average record of 22 pounds. This A. R. O. record was officiated by Mr. Terrill of the K. S. A. C.—Advertisement.

Linscott's Dispersal Sale.

For almost 40 years "Linscott Jerseys" have been in demand and have met with popular favor, not only in Kansas but in other states. The herd was established almost 40 years ago by R. J. Linscott's father and it was the first register of merit herd in Kansas. The dispersal of this herd, now numbering 125 head on May 31, is the big event in Jersey cattle affairs of recent years. A handsome illustrated catalog is being compiled and if you are interested you can have Mr. Linscott book you for one any time. The sale will be advertised in Farmers Mail and Breeze in due time but you can write today as well as any time and have him book you for the catalog. Mention The Farmers Mail and Breeze when you write. Address R. J. Linscott, Holton, Kan.—Advertisement.

Holstein Opportunity.

F. J. Searle's big dispersion sale of registered Holstein cattle comes off next Tuesday and Wednesday, April 10 and 11. The sale will be held under a big tent at the Searle Farm joining Okaloosa, Kan. 175 head will be sold and it is the greatest opportunity ever offered to get the cream of Holstein Friesians right at your door and at your price. Several other well known breeders have consigned with Mr. Searle and if you ever contemplated buying something outstanding this is your real opportunity. The well known Sunflower Herd which Mr. Searle is dispersing in this sale is very likely as strong as any herd in the West and is certainly the best herd ever dispersed this far west. The herd bull, Prince Artis Pontiac Abbeckerk 136382 is one of the great bulls of the breed. But come to the sale and remember you have the opportunity of a lifetime to buy the best at your own price.—Advertisement.

Choice Shorthorn Bulls.

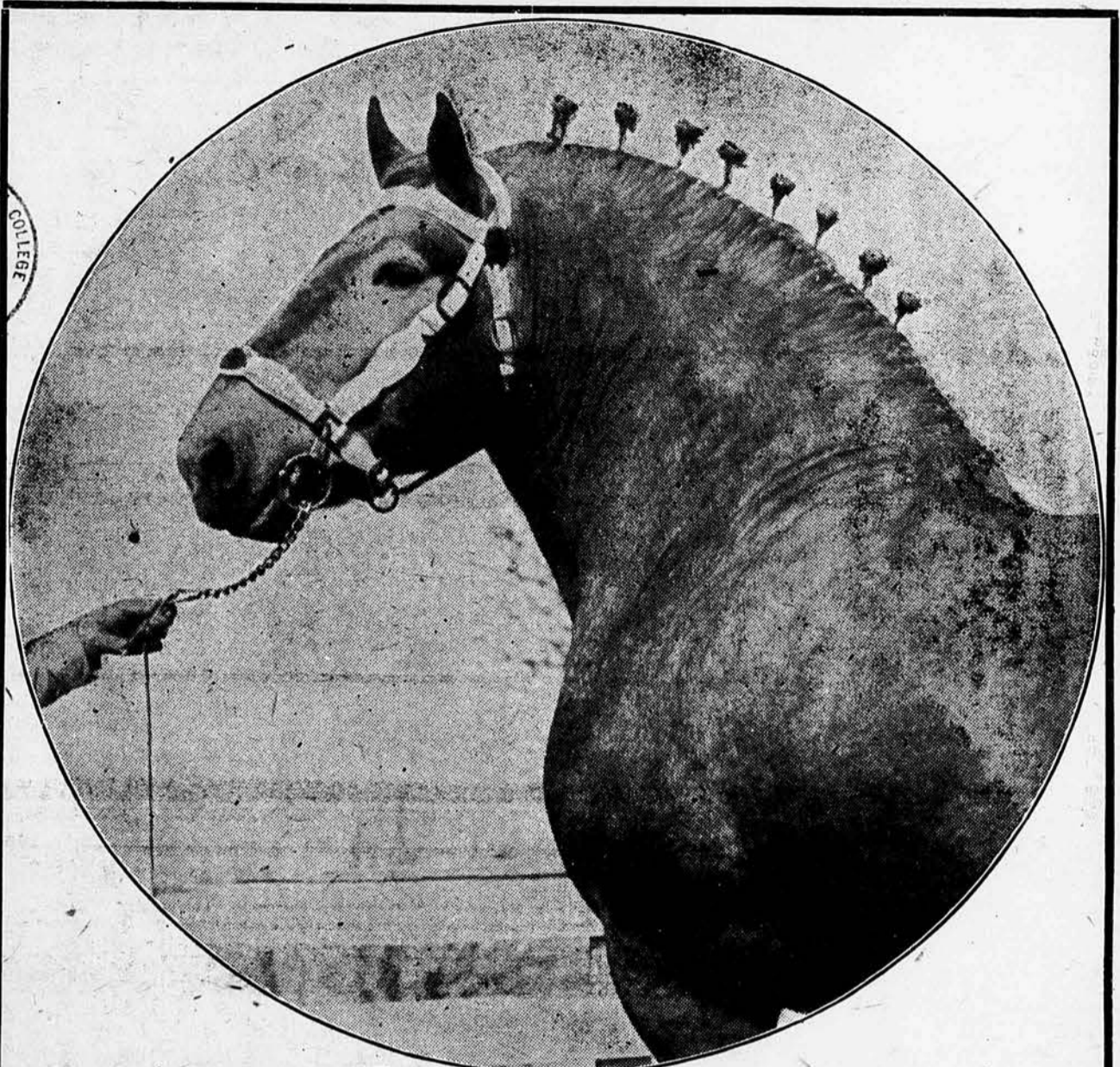
C. W. Taylor, Abilene, Kan., has for sale 25 yearling pure Scotch and Scotch topped Shorthorn bulls, that are a strictly high class lot. They have scale and quality and are of the low down blocky type so much in demand. There is at the present time 25 of these nice young bulls just about 12 months old to select from. They are red and roan and will be priced just a little higher than in former years. They are in just good breeding condition and have never been pampered but have been grown with the idea of selling them to the Kansas farmer for immediate use. They will be found in thrifty and growing condition without any surplus fat. The farm is at Pearl station on the Salina branch of the Rock Island. Shipments can be made over the Rock Island, Santa Fe, Union Pacific and Missouri Pacific. Write at once for descriptions and prices and you will get a reply by return mail.—Advertisement.

Duroc Boars and Glits.

In this issue of the Farmers Mail and Breeze F. F. Wood, Wamego, Kan., is starting his advertisement offering Duroc Jersey boars and glits of last November farrow. There are 19 boars and 25 glits and they are as choice as they can be. They have been grown with their future usefulness always in mind. The breeding is good. The dams of the pigs are descendants of Wonder Queen 255896, a great sow, bred by the Agricultural college and bought from that place by Mr. Wood. He has recently bought of Howell Bros., Herkimer, Kan., a nice son of Illustrator's Joy, by Illustrator 2nd and will breed the glits to him if desired and ship after they have safely passed over or they will be sold open. Both the boars and glits are of the very best and parties desiring boars or glits should write at once. Mr. Wood also has a few Barred Rock cockerels for sale and can ship eggs from the best of popular strains.—Advertisement.

Registered Holstein Cattle.

A car load of highly bred registered Holstein cows and heifers were brought in from New York, recently by Higginbotham Brothers of Rossville, Kan. They are shipped in by express. They are one of the best bred bunches of registered Holsteins that has ever been brought west. There are granddaughters of King of the Pontiacs, and Sir Korndyke Pontiac Artis, two of the greatest bulls of the breed, and nearly all of them have A. R. O. records or are from good A. R. O. cows. All of them will be given a chance to make A. R. O. records in the Higginbotham herd. Higginbotham Brothers' herd has been considered one of the best bred herds in the state for some time, and this late addition from New York will make it even stronger. This herd is constantly being tested for good butter and milk records, and has made some very creditable records in the last year. In addition to the good records that are being made in this herd, one will notice upon inspecting them that they have also been chosen for



3 year old registered Percheron stallion, my own growing, weight 2210 lbs.

MY HERDS HAVE EXTREME WEIGHT AND EXTREME HEAVY BONE

116 Head for Sale. All Registered

Yearling stallions and yearling mares 3 yr. old stallions and 3 yr. old mares
2 yr. old stallions and 2 yr. old mares 4 yr. olds heavier than a ton each
Priced worth the money. Terms if it will accommodate you.

Percherons, Belgians, Shires

Buy from **Fred Chandler, R. 7, Chariton, Iowa** Chariton is on the "Rock Island" direct over from Kansas City.

WOODS BROS. CO.,
LINCOLN, NEBRASKA
Imported and Home-Bred Stallions
Percherons, Belgians and Shires
For the Next 60 Days We Are Making Special Prices on Stallions, yearlings, two-year-olds, three-year-olds and up. Come and make your selection. We offer terms, prices and guarantee that will suit you. At the recent Denver show and at the Nebraska and Kansas State Fairs our horses won 25 championships, 40 first prizes, 22 second and 14 third prizes.
A. P. COON, Manager.

Stallions and Jacks
A few black and gray, three and four year Percheron stallions that will develop into 2,300-pound horses and two big registered Jacks for sale at live and let live prices. GEO. W. SCHWAB, CLAY CENTER, NEB.



Registered Kentucky Jacks
At Bargain Prices
I have on hand 10 of the 25 jacks recently shipped from my farm at Poplar Plains, Ky., to Newton, Kas.
They Must Be Sold Within 10 Days
The Prices Asked Are On Rock Bottom
This is strictly a good lot of jacks, with lots of size and bone, all the quality and finish one could ask, and good performers. Ages from 2 to 8 years, height 14 1/2 to 16 hands standard. If you are looking for a bargain, see me at Welch's sale barn (in Newton), two blocks from Santa Fe depot.
E. P. Maggard, Newton, Kansas
Successor to Saunders and Maggard

Jeun In Service
Pure Bred License No. 2231
The great Percheron stallion at the head of my herd. A few mares will be received either Riley or Leonardville at \$100 per service.
ED. NICKELSON, Leonardville, Kan.

40 PERCHERON STALLIONS, JACKS AND JENNETS
2 to 6 years old; heavy bone, right every way. Imported Spanish Jack, weight 1200 pounds at head of jennet herd. Come and see us. We mean business. Prices reasonable.
J. P. & M. H. MALONE,
Chase, Rice Co. Kansas

conformation. The herd sire, Paula of Chargin Falls King, is as good an individual as you will want to see. He is one of King Walker's best sons, and has world record sisters on both sides of his family, one of his sisters being an outstanding show cow. She won second prize in the mature class at the National Dairy Show recently held in Massachusetts.—Advertisement.

A. R. O. Holstein Blood.

L. F. Cory & Son, Belleville, Kan., are breeders the best in Holsteins. They are starting their advertisement in this issue of the Farmers Mail and Breeze in which they offer five young registered bulls, ranging in ages from one month to eight months. These bulls were sired by Jewel Paul Butter Boy 94245 and out of cows by Aggie Cornucopia Johanna Lad 6th, whose sister last season produced 31,034 pounds of milk. These young bulls are nice individuals with plenty of backing and you will have the satisfaction of knowing that one of the best breeders in Kansas is back to his herd and is developing it to a state of perfection that is not only a credit to him but of a lasting good to the breed in the West. He is carrying on tests all the time and is getting his entire herd into the A. R. O. class as fast as possible. Write him about these bulls and mention the Farmers Mail and Breeze when you write.—Advertisement.

Spotted Poland China Pigs.

C. T. Drumm & Son, Longford, Kan., (Clay county) are starting their Spotted Poland China advertisement again in this issue of the Farmers Mail and Breeze in which they are offering 25 boars and 15 gilts of November farrow. They also offer a few choice Hampshire boars of the same age. These boars and gilts have all been carefully grown and handled with their future usefulness in mind. They are not fat but they have never been allowed to quit growing and are at the present time in splendid condition to go on and develop into valuable breeding animals. They are of the best of breeding and a pedigree will be furnished with each of the boars and gilts. The prices will be found reasonable and if you want a boar or a few gilts you had better write today as the first to write will be given the preference. This is a good reliable firm to deal with and you will be pleased with anything you buy from them. Look up their advertisement in this issue.—Advertisement.

Elmo Valley Poland Boars.

J. J. Hartman's "Elmo Valley" herd of big prolific Poland Chinas is without question one of the strongest herds in the West. The herd is named in honor of his great breeding boar, Elmo Valley, sired by Blue Valley Jr., a half brother to the great Blue Valley. Right now Mr. Hartman is offering 25 October and November boars, sired by the great Elmo Valley and Orange Valley, by Blue Valley Orange, one of the most popular Big Orange boars ever owned in Nebraska. Mr. Hartman has over 100 spring pigs and this week and next will swell the number to over 200 and he is anxious to dispose of these boars within the next 30 days. Farmer's prices to move them quick and the best boar to the first to write is the way he is going to put them out. They are all immunized with the double treatment and are thrifty and the making of real herd boars. They are out of big mature dams and are right in every way. Mr. Hartman does his own immunizing and also is kept busy vaccinating for his neighbors. He is a real breeder and his herd is one of the strongest in the entire West. Write to him today.—Advertisement.

Buy Weaning Pigs.

R. J. Bazant Narka, Kan., (Republic county) is an extensive breeder of registered Spotted Poland Chinas and is a member of the S. P. C. record association. Mr. Bazant has been in the business for a number of years and his herd is one of the strongest in the West. The writer visited this herd last week. The three great herd boars in this herd have been bought at long prices and the herd sows are of the big prolific kind, weighing from 600 to 700 pounds. The 200 spring pigs farrowed in March are as promising a lot of youngsters as the writer ever saw. Mr. Bazant raises Spotted Poland Chinas to sell for breeding purposes. His herd sows and his herd boars are the best he can buy and reserve from his own raising. He is offering these 200 March pigs for sale in pairs and trios at weaning time and offers to ship them on approval. He will register each pig free in the S. P. C. association and all will be shipped in light crates. The prices will be found reasonable for the kind of stock you are getting. Look up his advertisement in the Farmers Mail and Breeze and write him today. Orders will be booked any time for pigs to be shipped at 10 weeks old or older.—Advertisement.

Nebraska and Iowa

BY JESSE R. JOHNSON.

This issue contains the announcement of H. Gaudreault & Son, whose Hereford sale will be held at Herefordale Ranch, near Farnam, Neb., April 13. The offering comprises twenty choice, well marked bulls, from 12 to 24 months old and the herd bull, Beau Baltimore 1st, a son of Beau Baltimore. A very choice line of coming two-year-old heifers have been catalogued for this sale. They were sired by the great breeding bull, Bond Lad 23rd and bred to Beau Baltimore. Many of them will have calves at foot sale day. These cattle have been raised under natural and healthful conditions and are as well bred as any that will be sold this year. A big illustrated catalog has been issued that gives all information as to breeding, etc. Write for it at once and mention the Farmers Mail and Breeze.—Advertisement.

Egger Made Good Shorthorn Sale.

The F. A. Egger Shorthorn sale, held at the farm near Roca, Neb., March 28, must be recorded as one of the good sales of the season. Most of the offering was quite young. Many of the bulls sold were only a few months old. However the offering showed much uniformity and every buyer secured good value. The 18 bulls sold for a total of \$2,936, an average of \$163.11. The 32 females brought \$6,000, an average of \$187.55. The entire offering of 50 head sold for \$8,936, a general average of \$178.60. J. E. Scheve of Beatrice bought the highest priced bull paying \$430 for the herd bull Avondale's Glister. O. O. Thompson of Cambridge, Neb., bought Master Prince a son of Choice Mist for \$270. C. H. Dust of Elk Creek, Neb., topped the females, buying the choice young cow, Pride of Hickman, with a bull calf at foot for \$305. C.

MULE FOOT HOGS.
200 Immune Mulefoot Hogs, all ages, sired by 1st prize males. Hereford Cattle. Catalog free. C. M. Thompson, Latis, Ind.

DUROC JERSEY HOGS.
Jones Sells on Approval
High Quality Duroc-Jerseys White Wyandottes, eggs for sale now W. W. & L. C. JONES, CLAY CENTER, KANSAS.

Bancroft's Durocs
Guaranteed Immune. Ten choice Septalber boars.
D. O. BANCROFT, OSBORNE, KANSAS.

50 Duroc-Jersey Pigs Sired by Critic B and G's Crimson Echo 2nd. Special prices for 30 days. R. T. & W. J. Garrett, Steele City, Nebr.

Quality Durocs
Richly bred fall boars and gilts for sale. Attractive prices to move them as I need the room.
E. J. MOSER, GOFF, KANSAS

Duroc-Jerseys
Johnson Workman, Russell, Kansas

DUROCS of SIZE and QUALITY
Herd headed by Reed's Gano, first prize boar at three State fairs. Fall boars and gilts, from champions Defender, Illustrator, Crimson Wonder and Golden Med. JOHN A. REED & SONS, Lyons, Kansas

TRUMBO'S DUROCS
Herd boars Constructor 187651 and Golden Model 146175. Write your wants. Stock double immuned. Address, W. W. TRUMBO, PEABODY, KAN.

BONNIE VIEW STOCK FARM
DUROC-JERSEYS
Booking orders for spring pigs, sired by A Critic, out of Tat-A-Walla sows.
SEARLE & COTTE, BERRYTON, KANSAS

July and September Boars
sired by G. M. Crimmon Wonder 169769, G M's Defender and Illustrator II Jr. Also two good herd boars. Write for description and prices. Every hog immunized.
G. M. SHEPHERD, LYONS, KANSAS

Royally Bred Durocs
Choice fall gilts and boars by our herd boars Crimmon Orion King, Premier Illustrator, and Golden Model Again. 50 February pigs doing well. Orders booked any time. Write for description of breeding of our grand lot of brood sows.
LANT BROS., DENNIS, KANSAS

TAYLOR'S World Beater DUROCS
Booking orders for pigs, from 4 of the largest brood sows in Missouri, to be delivered at 3 months old. Express charges prepaid and pigs registered. If you want the best going, here is your herd.
James L. Taylor, Olean, Miller Co., Missouri

Sept. Boars and Gilts
—Duroc-Jerseys of Quality—
25 gilts and 19 boars farrowed in November. Popular breeding and splendid individuals. Farmer's prices gets them. Gilts open or bred to order. Write me at once.
F. F. WOOD, WAMEGO, KAN. BARRED ROCK CHS. AND EGGS.

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

SHEEP.
REGISTERED SHROPSHIRE RAMS
Yearlings and twos, 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.

BERKSHIRE HOGS.
BERKSHIRE PICS Best of Big type English. Either sex, \$15 each. Crated and papers furnished. R. J. LINSOTT, HOLTON, KANSAS

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

Shorthorn Futurities
\$7,000 is offered at the Iowa and Ohio State Fairs, the American Royal and the International, as Shorthorn futurity prizes in the senior bull and heifer calf classes. Junior entries will close June 1st. Senior entries closed March 1st. \$50,000 is offered in Shorthorn prizes for 1917. For entry blanks and information address AMERICAN SHORTHORN BREEDERS' ASSOCIATION, 13 Dexter Park Ave., Chicago Illinois.

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

SHORTHORN CATTLE.
DOYLE SPRING SCOTCH TOPPED SHORTHORNS
10 bulls, ages 8 to 11 months, sired by the famous Star Goods and Orange Marshall. F. P. Wilson, Peabody, Kansas. Write your wants.

ELMENDALE SHORTHORNS
100 big, rugged bulls, suitable for herd headers, or farm and range use. 50 females of different ages. These cattle are especially good and the prices attractive. Address Elmendale Farms, Fairbury, Neb.

Fifteen Bulls
I offer 15 Shorthorn Bulls eight months old to yearlings. They are reds and roans and have size and quality. You will buy a bull if you visit my herd. Address, K. G. Gigstad, Lancaster, Kan. (12 miles from Atchison.) Good R.R. Facilities.

Scotch and Scotch Topped
Bulls for sale. Reds and roans. An unusually choice lot of pure Scotch and Scotch topped yearling bulls at prices within the reach of all. Farm at Pearl station, Salina branch Rock Island. Can ship over Rock Island, Santa Fe, Union Pacific and Missouri Pacific. Address, C. W. Taylor, Abilene, Kan. (Dickinson County)

Lookabaugh's Shorthorns
6 to 9 Months Time if Desired
Satisfaction Guaranteed or Money Refunded.
Special attention given the beginner.
Three Great Herd Bulls in Service. Fair Acres Sultan, Avondale's Choice and Watonga Searchlight.
Special Bargains
2 heifers and a bull not related...\$400
8 heifers and Scotch bull...\$1250
Bred heifers...\$175 to \$200
Young Scotch bulls...\$200 to \$400
Half the purchase price of any female given for her calf at a year old if such contract is preferred.
H. C. Lookabaugh, Box A, Watonga, Okla.



THE FARMERS COW

BIG DUROC SALE
APRIL 11, OTTAWA, KANSAS
3 tried sows with litters; 12 bred gilts; 14 open gilts; 10 October gilts; 4 early fall boars; 10 October boars; 1 yearling boar by the World's Fair champion, Taxpayer. Every one a good individual. Not a cull in the offering.
RULE BROS., Sale Mgrs., Ottawa, Kansas
Send mail bids to C. H. Hay in our care.



Herefordale Hereford Sale
At ranch near Farnam, Neb., Friday, April 13
50 Head Of very choice richly bred individuals. 20 choice bulls, in age from 12 to 24 months. 30 females including some choice young cows with calves at foot. All old enough, bred to our herd bulls. The offering carries the blood of Beau Mischief 4th, Bond Lad, Beau Baltimore, Patrician 4th, Dandy Andrew and other noted sires.
Jno. McConnell, Summerset, Neb., consigns 11 head of choice young bulls and heifers largely of Beau Mischief breeding. This offering will be insured for 90 days without cost to purchaser.
Write at once for catalog and mention The Farmers Mail and Breeze.
H. Gaudreault, Farnam, Nebraska
Auctioneer: Col. Fred Reppert. Fieldman: Jesse Johnson.



LIVESTOCK AUCTIONEERS.

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

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

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

Be An Auctioneer. Make from \$10 to \$50 a day. We teach you by correspondence or here in school. Write for big free catalog. We are also starting a new breed of horses known as "Wagon Horses." We register 2 of the best mares in each county. Foundation stock mares to weigh about 1,250 pounds. Stallions must be registered Percherons. W.B. Carpenter, Pres., Missouri Auction School, 818 Walnut St., Kansas City, Mo.

GALLOWAY CATTLE.

Galloway Bulls For Sale. Five pure bred bulls, one year old, registered, price—Seventy-five dollars each. Wish to trade for, or buy a good registered Galloway bull. LEON STAHL, AUBURN, KAN., or F. M. STAHL, TOPEKA, KAN.

Smoky Hill Galloways. The world's largest herd. Yearling and two-year-old bulls for sale in numbers to suit, from one to a car load, at reasonable prices. If in the market for Galloway bulls come and look them over. Smoky Hill Ranch, E. J. Gullbert, Owner, Wallace, Kansas.

HEREFORD CATTLE.

Registered Hereford Bulls. One 2-year-old, weight 1900 pounds; one extra good May calf, weight 900 pounds, and several other bull calves; also some good Percheron stud yearlings. Mora E. Gideon, Emmett, Kan.

ABERDEEN ANGUS CATTLE.

ANGUS CATTLE. 150 young bulls and heifers ready to ship. Berkshire Hogs. SUTTON & PORTEOUS, Lawrence, Kan.

Aberdeen Angus Cattle. Herd headed by Louis of Viewpoint 4th, 190624, half brother to the Champion cow of America. Johnson Workman, Russell, Kan.

RED POLLED CATTLE.

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

MORRISON'S RED POLLS. Cows and heifers for sale. Write us your wants. Chas. Morrison & Son, Phillipsburg, Kansas.

Pleasant View Stock Farm. Registered Red Polled heifers. Two twelve months old registered Percheron Stallions weighing 1300 lbs. each. Poland China hogs. Haffner & Gumbrell, Ottawa, Kan.

POLLED DURHAM CATTLE.

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

GUERNSEY CATTLE.

FOR SALE 1 year old high grade Guernsey heifer. Geo. Haas, Gridley, Kan.

Two Registered Guernsey Bull Calves of May Rose breeding. SHADY KNOLL FARM, STAFFORD, KANSAS

GUERNSEYS. To make room for spring calves, we are offering a few registered, bred cows and heifers, and one bull calf. Overland Guernsey Farm, Overland Park, Kansas

JERSEY CATTLE.

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

LINSCOTT JERSEYS. R. J. LINSCOTT, HOLTON, KANSAS

JERSEY CATTLE. 2 Registered Jersey Bulls, solid color, good ones. Several cows and heifers. Also pure Texas oats; re-cleaned, extra good. Seed bought in Texas last year. S. S. SMITH, CLAY CENTER, KANSAS

HOLSTEIN CATTLE.

Higginbotham Holsteins. Buy your next bull calf from a herd that is making good A. R. O. records, where every cow is given a chance to make a good official butter and milk record, and where they are backed by the best blood lines of the breed. Now have several good bulls, from cows with records from 14 to 24 pounds of butter in seven days. HIGGINBOTHAM BROTHERS, Rossville, Kan.

F. Folker of Wakeeney, Kan., was a good buyer among other purchases being the cow Crystal Lake Pride with a heifer calf at foot for \$220. Other good buyers were H. R. Rees, Liberty, Neb.; Miller Bros., Wymore, Neb.; Herman Ernst, Graf, Neb.; D. A. Lowler, Paxton, Neb.; H. N. Alley, Hickman, Neb.; Davis Bros., Pawnee City, Neb.; W. G. Chase, Wymore, Neb.; S. T. Miller, Homesville, Neb.; R. B. Chase, Wymore, Neb.; Fred Reencuever, Wakeeney, Kan.; Alvin Duncan, Homesville, Neb.; S. A. Nelson & Sons, Malcolm, Neb., and others. Four Percherons, two stallions and two fillies sold for \$1060, an average of \$265. Col. H. S. Duncan did the selling.—Advertisement.

S. E. Kan. and Missouri

BY C. H. HAY.

Fred Chandler of Charlton, Ia., carries a regular card ad for his Percheron horses in this paper. In a recent letter Mr. Chandler says that he has a registered three-year-old Percheron stallion of his own growing, that weighs 2210 pounds. He says he has on hand for sale at this time 116 head, all registered, including yearling stallions and yearling mares, two-year-old stallions and mares, three-year-old stallions and mares, and four-year-olds weighing more than a ton each. He prices his horses worth the money. If interested write Mr. Chandler when you will look over his herd. Please mention this paper when writing.—Advertisement.

Lant Brothers Durocs.

Lant Brothers of Dennis, Kan., who are especially well known to the readers of this paper as breeders of strictly high class Duroc Jerseys have a card announcement in this issue that will interest any of our readers who are in the market for high class pigs. Their offering at this time includes pigs of September and October farrow. These pigs are well grown and represent the best and most popular blood lines of the breed. If interested in the offering write Lant Brothers, Dennis, Kan., and they will be glad to tell you all about their offering including breeding and prices. Please mention Farmers Mail and Breeze when writing.—Advertisement.

Last Call Ottawa Duroc Sale.

In the Duroc sale to be held at Ottawa, Kan., April 11, will be 24 head of fall gilts. Fourteen of these are extra good, just the kind that will bring \$75 to \$150 (bred) in your fall sale. The 10 late gilts are most too small for early breeding but would be fine to carry on pasture, breed for early litters and put in a heavy sale. Or if you want to raise a crop of fall pigs or early spring pigs these gilts are just what you need. There are 12 yearling gilts that will farrow the last of this month or the first of next. These gilts are all bred to a good son of the World's Fair champion, Taxpayer. This sale offers a great variety of breeding hogs. There will be tried sows with litter, bred gilts, open gilts, herd boars, early and late fall boars. Should anything happen that you cannot attend this sale, send bids on some of these good sows or gilts. Mail bids should be sent to C. H. Hay, in care of Rule Bros., at Ottawa, Kan.—Advertisement.

Finley's Jack Sale.

The most successful jack sale of the season was held by W. J. Finley of Higginsville, Mo., March 23. The sale totaled considerable over \$15,000. Twenty-five jacks sold for \$14,070, making an average of \$562.80. Finley has the honor of selling the highest priced jack sold at public auction this season and also of making the highest average. The top price in this sale was \$2,625. This price was paid by the noted breeder, L. M. Monsees, for Limestone Big Boy. Without any kind of question this is the best jack sold at public auction this year and Mr. Monsees bought him to use on the splendid herd of jennets at Limestone Valley Stock Farm. There was a very good demand for jennets; the prices ranging up to \$280. This price was paid by E. N. Merryfield, Minneapolis, Kan., for Eastern Pride. Col. F. M. Holtzinger did the selling. The following names appeared on the clerk's book of buyers: Soldier Valley Stock Farm, Silver Lake, Kan.; Mayview Horse & Jack Co., Mayview, Mo.; John H. Simpson, Fayette, Mo.; F. C. Neal, Blackburn, Mo.; J. W. Martin, Odessa, Mo.; R. R. Hindman, Anna, Ill.; E. O. Young, Kellogg, Ia.; A. C. Vandiver, Kirksville, Mo.; L. C. Cottingham, Cairo, Mo.; Bradley Bros. Warrensburg, Mo.; J. M. Hackler, Lexington, Mo.; D. P. Curby, Grain Valley, Mo.; M. B. Dillingham, Blue Springs, Mo.; Frank Stewart, Lexington, Mo., and Wm. Davis, Aulville, Mo.—Advertisement.

Southwest Missouri Shorthorn Sale.

The Southwest Missouri Shorthorn Breeders' Association held its first sale of Shorthorn cattle at Aurora, Mo., March 29. The cattle in this sale were consigned by the following breeders: Montgomery & Gentry, Fairview; R. A. McCullah, Marionville; A. J. Howard, Billings; J. W. Colley & Son, Bowers Mills; E. H. Thomas, Aurora; W. B. Shields, Purdy; W. L. Allen, Mt. Vernon; V. H. Marbut, Monett; Clinton Marbut, Verona; and W. S. and J. B. Colley, LaRussell. The sale was a decided success from every standpoint. A very large number of farmers and breeders were in attendance and everyone seemed interested in Shorthorns. Twenty head sold for \$4,550 or an average of \$227.50. C. A. Williams, Miami, Okla., topped the sale by paying \$500 for an April yearling bull, Colley's Romper, consigned by J. B. and W. S. Colley, LaRussell, Mo. The top price paid for a female was \$320. Joe Martin of Scammon, Kan., took Scotch Dutch 25th at this price. This yearling was consigned by E. H. Thomas of Aurora. Mr. Martin was a good bidder all thru the sale and secured several good cows. C. T. Lundberg of Garland, Kan., was one of the best bidders in the sale and secured several good females. E. H. Thomas managed the sale and very much of the success of the sale is due to his good judgment. Col. Bob Harriman did the selling. The following farmers and breeders were buyers: Jesse Warren, Purdy, Mo.; J. D. Albers, Northview, Mo.; Mrs. Koeving, Hoberg, Mo.; E. A. Owens, Springdale, Ark.; Arthur Wise, Hoberg, Mo.; M. C. Jackson, Eureka, Ark.; J. F. Berkhaugh, Kingman, Kan.; C. C. Stubblefield, Washburn, Mo.; Joe Bacon, Mt. Vernon, Mo.; John Walker, Berryville, Ark.; Ed Davis, Reeds Springs, Mo.; J. W. Garrett, Aurora, Mo.—Advertisement.

Laugh as you please at the Chinaman's "unpreparedness." He invented the war stink-bomb.

HOLSTEIN CATTLE.

Registered Holstein bull calves for sale, from good cows. Wm. C. Mueller, Hanover, Kansas

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

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

FOR SALE Our Registered Holstein Herd Bull also some grade heifers not related to this bull. Priced right P. H. Haverty & Son, Hollenberg, Kan.

Segrist & Stephenson, Holton, Kansas. We are consigning all surplus stock to the F. J. Searle sale, April 10 and 11.

High Grade Holstein Calves. 12 heifers bred, 4 to 6 weeks old, beautifully marked, \$18 each. Safe delivery and satisfaction guaranteed. FEENWOOD FARMS, Wauwatosa, Wis.

Corydale Farm Herd. Registered Holstein Cattle. Five bulls from one to eight months old, sired by Jewel Paul Butter Boy 94945. Out of grand daughters of a World's champion butter and milk cow for eight years. Address L. F. CORY, BELLVILLE, KANSAS (Republic County)

HOLSTEIN CATTLE.

HOLSTEIN BULLS. Nine for sale, mostly from A. R. O. cows. Inspection solicited. Prices right. BEN SCHNEIDER, NORTONVILLE, KANSAS

Braeburn Holsteins. I have changed bulls a dozen times, trying each time to get a better one. If you want to share in the results, let me sell you a bull calf. H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

Look to the Future. TREDICO BULLS, (Holsteins) Kingman, Kansas.

Holstein Foundation Stock. One bull calf, and two heifer calves, all registered. Bull almost white, heifers well marked. Good individuals. Thirty pound breeding. Best families. A. S. NEALE, Manhattan, Kan.

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.

TORREY'S HOLSTEINS

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

Home Farm Dairy's Consignment to The Sunflower Holstein Herd Dispersal Sale Oskaloosa, Kan., April 10 and 11, Consists of

Buffalo Aginaldo Doede 2nd, an 18-months-old bull, ready for heavy service. Sired by a 24 pound son of a daughter of Paul Boets De Kol. Dam, Buffalo Ella, whose record of 22.47 pounds butter, as a junior 4-year-old, is no mark of her capacity. She is also the dam of our herd bull, Johanna Bonheur Champion 2nd, which was grand champion at Topeka State Fair, 1915; second at Iowa State Fair in a class of 13; grand champion Nebraska State Fair, (winning over the Galloway grand champion bull at Iowa); second at Topeka State Fair, and grand champion Kansas State Fair in 1916; Bernardo Clothilde Katie; Beautiful Princess Colantha; Murdie Kordyke DeKol, (all bred to Johanna Bonheur Champion 2nd); an 8-months-old daughter of Johanna Bonheur Champion; and a 7-months-old daughter of Beatitude Wayne DeKol, grand champion cow at Topeka State Fair. J. M. CHESTNUT & SONS, OWNER, DENISON, KANSAS

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

Holstein Friesian Farm, Towanda, Kan. Breeders of Purebred Holsteins

We offer special attractions in choice young bulls, ready and nearly ready for service, both from tested and untested dams at prices within reason. Have some attractive baby bulls also, choicely bred. Let us furnish you a bull and improve your herd. Several young females from 6 months to 5 years of age, sired by high record bulls and from A. R. O. dams, up to 28.1 pounds butter in 7 days. A number of these females have A.R.O. records themselves, from 15 to 26 pounds, 7 day butter records.

IT WILL PAY YOU TO SEE OUR OFFERING. Of choice extra high grade, young cows and heifers, all springers, in calf to purebred sires, large developed females, good udders, nicely marked and the right dairy type at prices that challenge comparison for Holsteins of their breeding and quality. A visit to our farm will convince you. Keep us in mind before purchasing. Wire, write or phone us. GIROD & ROBISON, Towanda, Kansas

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

HOLSTEIN COWS, HEIFERS and BULLS

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

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

Well marked, high grade Heifer and bull calves from 2 to 8 weeks old. Price \$25 delivered any express office in Kansas. We invite you to visit our farm. We can show you over 300 head of cows and heifers, sold to our neighbor farmers. Wire, phone or write when you are coming.

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

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

Jas. B. Healey at the Farm. M. A. Anderson, Cashier Farmers State Bank.

200 High Grade Holstein Cows and Heifers, 200 A Special 60 Days' Sale

30 cows that are fresh or heavy springers. 70 coming three-year-old heifers, many are fresh now, and all to be fresh before May 1st. 100 extra choice yearling and two-year-old heifers. The older ones to freshen this fall.

Registered cows, heifers and young bulls. Eight young bulls from eight to eighteen months old. A few registered cows and heifers. This is one of the pioneer herds of Kansas. For full information and prices address,

Healey & Anderson, Hope, (Dickinson County), Kan.





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A special feature of Fisk Tire Value is the policy of Free Service through Fisk Branches in more than 125 principal cities throughout the country. There are Fisk Branches in your State,

where your home dealer buys direct and is always sure of promptest attention to your wants. And when the Branch is convenient you can go there any time, *whether you use Fisk Tires or not*, and make use of the only uniform and complete Free Tire Service in the country. There is no charge at any time except for supplies and actual repairs. Take the first opportunity to get acquainted with *Fisk Service*, Fisk Organization, Fisk Methods and Fisk Products.

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