

# KANSAS FARMER

FOR THE IMPROVEMENT

OF THE FARM AND HOME

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## Work of Live Stock Commission

J. H. Mercer, live stock sanitary commissioner, has made a good showing for his department during the nine months of his term. He has systematized his work, keeps a record of all inspections, is in touch with the stock raisers of the state, and has generally speaking made good on the job.

The expenses of the live stock sanitary department for salaries and all other items of expense has been about \$5,800 for the past nine months. During the nine months previous to Mercer's occupation of his office the expenses of the department were \$9,500.

Mercer has eight inspectors actively engaged in the work. Three of these are kept on the quarantine line between Kansas and Oklahoma and the other five are stationed in the far western counties. About 150,000 head of cattle have been inspected by the department this year.

The plan of paying federal inspectors for work done in this state has been abolished. They are given state commissions, but draw no extra pay aside from the salaries they receive from the federal government.

### MERCER'S STATEMENT.

"The chief features of the work in this department during the past year can be classified under four heads:

"Scabbies—This disease is prevalent to some extent in the central part of the state, but to a greater extent in the extreme western portion, from the south line north. At the time I assumed the position of live stock commissioner 25 counties were under quarantine. Immediately I took the matter up with Colonel Dean, chief inspector at Kansas City, who has had much experience in handling stock diseases, and we have been co-operating in an effort to eradicate the scab in Kansas. As a result of our campaign during the past nine months, nine of these counties have been removed from the state quarantine. The federal authorities will soon ratify this action. My plan for the future is to raise the general quarantine in the state, especially in the 16 remaining counties now in quarantine, and handle the remaining infected herds by the purely local quarantine, as is now the custom in what is termed 'the clean territory' of the state. When this is done it will give freedom to all noninfected herds, which are now restricted by the general quarantine.

### CO-OPERATE WITH FEDERAL GOVERNMENT.

"Tuberculosis—Kansas passed a tuberculosis law last winter, but on account of the small appropriation which the law carried, we have confined our work in this line to the dairy herds of the state. This, in fact, is all that is necessary, as investigation shows tuberculosis rarely exists in what is known as our range cattle. So far we have not made much progress in this work, only 1,300 head of dairy cattle having been tested up to date. The percentage of infection in these is shown to be about 5 per cent. My plan is to secure the co-operation of the federal department and test dairy herds just as fast as we can reach them. We will encourage the various cities to pass ordinances in accordance with the law. Then our inspectors will do the work. The state will pay their expenses and

### HEALTH OF KANSAS FINE STOCK GOODS FEDERAL CO-OPERATION FOR CHOLERA AND TUBERCULOSIS

the federal government their salaries. With federal assistance and also the assistance of the veterinarians of the state, we ought to be able to test most of the dairy herds within a year. We have found that owners of dairy herds have no particular objection to their cows being tested when it is done at state expense. In fact, many of them are anxious to have it done.

#### SERUM WILL CURE CHOLERA.

"Hog cholera—no statistics are available showing the extent of hog cholera in Kansas. No statistics were ever taken on that matter. The only information I have on the subject is from the Kansas City packers and it is to the effect that less diseased hogs have gone to market from Kansas this year than in any previous year. When the information was given out last summer that the state live stock commissioner was preparing to try hog cholera serum, many farmers

over the state took notice and were writing in that they had afflicted herds. The more the matter was advertised the more I became aware that cholera existed in every section of the state. I made every effort to secure serum for all the afflicted herds, but was not successful. The government would only supply a limited amount and it sent an expert out to administer it. He vaccinated 27 different herds and the results were beyond our expectations. In no instance, save one, were there any more deaths from cholera. A post mortem examination of hogs which died in these herds before the serum was administered showed that the hogs had cholera. So I am of the opinion that while there may be other diseases of a fatal nature, the large percentage of deaths among hogs comes from cholera. The state expects big things from hog cholera serum in the future.

The Manhattan Agricultural College has put in a plant to manufacture the serum and it is now available. The college expects to supply all the demands for serum from Kansas hog raisers. This department will take charge of all diseased herds of hogs from now on and handle them as we do other contagious diseases among the stock of the state.

#### LAW LAX AS REGARDS GLANDERS.

"Glanders—There are some cases of glanders in the state. The disease is most prevalent in the northwest part of the state. Kansas laws are very lax in regard to the disposition of glandered horses. It provides no remuneration for them, but they must be disposed of when reported. The result is that many farmers hesitate to report glanders. A law should be passed to pay for glandered horses, killed under direction on this department, just as is done with tuberculosis cows. Then the farmers would report their cases and we would be able to eradicate the disease.

"Kansas has been extremely free of Texas fever during the past year. Railroad wrecks due to washouts caused the new outbreaks. On account of the rigid rules laid down by both the state and federal departments it has been and will continue to be almost impossible for 'ticky' cattle to come into the state.

"There are various other minor contagious diseases that break out of over the state occasionally, but this department always takes charge of them as soon as notified. This department can be of great value to the stock raisers of the state, if they will simply avail themselves of its assistance and co-operation."

### Report of Commission on Country Life.

The report of the special commission appointed by the president of the United States to consider the condition of the farmers and recommend legislation in their interest, was submitted to congress on Feb. 9 of last year. In a message to congress accompanying this report the president summarized the conclusions arrived at by the commission as the result of their study of farm life conditions in all sections of the country, and stated that the three great general immediate needs of the farmers, as shown by this investigation, were as follows:

"First, effective co-operation among farmers, to put them on a level with the organized interests with which they do business.

Second, a new kind of schools in the country, which shall teach the children as much outdoors as indoors and perhaps more, so that they will prepare for country life, and not as at present, mainly for life in town.

"Third, better means of communication, including good roads and a parcels post, which the country people are everywhere, and rightly, unanimous in demanding."

All of these reforms have long been advocated by the Grange, and it is highly gratifying to find an official commission composed of representative public men, endorsing the Grange demands, and urging their adoption.



A Staggering Farm Wealth.



# OUR FOREIGN MARKETS

Note:—The late Col. W. A. Harris of Kansas gave utterance to some important truths, that are of vital interest, in an address delivered in Denver. Extracts from this address are here given.—Editor.

It is a mighty subject and I shall only be able to give you from my point of view a brief glimpse of some of the features that ought to interest you. I shall allude, as a matter of course, to governmental policies, but my talk will, in no instance, be political from any partisan standpoint; I shall merely allude to those things as matters of history.

The situation in which we are placed marks a tremendous advance in the progress of the nation. Thirty-five or forty years ago down in Kansas we grew some immense crops of corn. At the same time we had rapidly growing and increasing families which numbered many daughters. An intelligent and enthusiastic lady was greatly concerned about the future of our girls as she went about Kansas lecturing on the subject, "What shall we do with our daughters?" At the same time one of our most estimable governors, Charles Robinson, who once took part in the settlement of California, went about talking on the subject "What shall we do with our corn?" Finally some wag, who had neither corn nor daughters, thought we should solve the problem by feeding our corn to our daughters.

That has largely been the situation in the United States. We seemed to think the manufacturers and their operatives could consume all that the farms could produce, and on the other hand the farmers could consume all that the manufacturers could produce and so a happy state of equilibrium would be brought about. But a very different state of affairs exists now. Whether from the fact that in 1897 we enacted the highest protective tariff law that we have ever known, or from the fact that the next year saw the beginning of a period of war that involved us, and one after another a great many other countries, calling for enormous expenditures of money, enormous waste and enormous consumption; or whether it was from the still further fact that that year marked the most wonderful increase in the production of the great precious metal, gold, that the world has ever seen, and in the last twelve years there has been added to the money of the world \$400,000,000.00 in gold—all these causes combined probably ought to be considered, and we have reached a point where there is practically no limit to the power of the United States to produce manufactured articles. No limit to the power of the country to produce those agricultural products which are necessary for the sustenance of life.

The American people must work and move forward in every direction; they must find an outlet for all excess of things that they produce. It is an axiom, of course, that agriculture is the foundation of all prosperity. There is no question about that. There is no dispute about it. It is not so often, perhaps, remembered that the foundation of all agricultural success is the live stock interest. It is the live stock of the world that maintains the fertility of the soil and I regret that at the convention which was called by Mr. Roosevelt last summer, to consider the conservation of our natural resources, in which the subject of the conservation of our forests was taken up, the conservation of our ores, the conservation of our coal, there was no one, apparently, who alluded to the conservation of what was the greatest asset that this country ever had, when it first was a primeval wilderness and virgin territory, the fertility of the soil. Now I have always, at least, taken great pride in being a stockman, in the fact that while it was absolutely essential to the living and sustenance of the race, yet underlying it was this great principle, that it not only did that, but it made the land better and richer all the time, and when the chairman of this committee a while ago alluded to the question of the conservation of our grass, it struck a chord in my heart that has always vibrated. Grass, after all, is the thing to be reckoned with in the conservation of the fertility of the soil.

## Weighty Words Upon a Mighty Subject

I never can talk about that subject without thinking and dwelling on it over and over again and I don't think I can ever call the attention of cattlemen and stockmen of all kinds, who are interested in the prosperity of a country, often enough to that wonderful article on grass written by Senator Ingalls of Kansas, some twenty-five or thirty years ago. He said that "next in importance to the divine profusion of water, light and air, those three great physical facts which render existence possible, may be reckoned the universal beneficence of grass. Grass is the forgiveness of Nature, her constant benediction," and he concluded by saying: "It bears no blazonry of bloom to charm the senses, yet its homely hue is more enchanting than the lily or the rose. It bears no fruit in earth or air, and yet should its harvest fail for a single year famine would depopulate the world."

Grass, of course, is the foundation of our live stock industry, and the more grass we grow, the more we conserve the fertility of the soil and the more meat products of all kinds we are ready to supply the world, and I want to congratulate the stockmen, cattlemen and sheepmen upon the great fact that concerns their industry, and that is that in the multitude of exports which will grow and increase as we gain a greater and greater share of the commerce of the world, there is one fact to be remembered—that for every steer, for every bullock, for every hundred pounds of meat that leaves our shores, while benefitting and helping foreign people, it leaves our country better and richer than it was before. There is hardly any other product of which this can be said. Every ton of steel or iron that goes abroad is a permanent diminution of our store of that great natural bounty. Every ton of coal consumed is a permanent diminution of our supply, while continued exports of cotton and tobacco and wheat work permanent impoverishment of our soil. The Hebrew prophet, in a melancholy mood, exclaimed "All flesh is grass." We may in a spirit of exultation and optimism exclaim "All grass is flesh," and our patriotic and far-seeing statesmen should in every way encourage the increasing growth and production of all forms of live stock and make the way easy for the export of that class of products. The more grass we grow, the more flesh we can produce. The more flesh we produce, the more wheat, the more corn, the more tobacco and more cotton and all other agricultural products can be supplied to the world. We should be opposed to the export of anything upon which American energy could be used in perfecting it for the use of man. Our meat products are the final and complete result of the labors of the cattlemen and farmers of this country, so that I believe we should from every standpoint work with the utmost energy to encourage our exports of meat and meat products. We have had for over fifty years continued protective tariffs. There has been no tariff negotiated by any party in this

country that might not be fairly called a high protective tariff. We have had protection from every party and it has, in connection with other things, stimulated the gigantic energies of this country. Protection has reached, apparently, its limit in the benefits that it can confer, and without exception all parties in the last campaign have agreed that there should be a revision of the tariff. There is no exception.

Four years ago, at Denver, at the annual convention, the National Live Stock Association passed a resolution endorsing the idea of reciprocal tariff legislation, endorsing the maximum and minimum tariff schedule, endorsing the idea of a tariff commission. In fact, it was the idea of taking the tariff question out of politics and carrying out the idea suggested in the Dingley law itself—in section 3 and 4 you will remember the president was authorized to make, in the first "commercial agreements with other nations and reduce duties to the extent of 20 per cent," on some half dozen articles. In section 4 he was authorized to make reciprocal tariff treaties with all nations or with any nation reducing the duty upon all articles 20 per cent, if he could obtain in return reciprocal concessions. That is where we started, and I know Mr. McKinley thought that was a wonderful opportunity and he proceeded immediately to negotiate treaties under section 4. But, unfortunately, there crept into section 4, somewhere between the House and the Senate—it was not in the bill when it left the House and it was not introduced in the bill in the Senate, but somewhere in between there crept in just one single sentence—"Provided such treatise shall be negotiated within two years after the passage of this act."

The result was that the treatise went to the committee on foreign affairs and were held up two years and never permitted to get into the senate for ratification, and then the whole law was dead so far as reciprocity was concerned.

As Bismark once said, "We give that we may get, in commercial affairs between nations," and that is but fair. Germany says to us, if you will modify your duties so that we can trade with you and do business, we will take your commercial products, we will take your meats. You know how rapidly our trade has fallen off with Germany. I have here a condensed statement of the restrictions imposed by foreign nations upon our meat products, and, as they say in congress, I beg leave to print and file with the secretary, but I want to call your attention to one or two cases. Of course, with the United Kingdom we have very little restraint on the introduction of our meat products, except that our cattle have to be slaughtered within ten days at the port of entry, but in regard to Germany, Germany next to Great Britain is the most important customer for our packing house products at the present time.

Canada, our neighbor, a short time

ago completed a reciprocal tariff with France by which her agricultural products are admitted for about one-half the duties on American products. She is now negotiating with Germany and I have no doubt that she will have a similar arrangement with Germany. This is simply to give you an idea of the difficulties that are in the way. Of course, in this great question we cannot lose sight of the fact that our interest must be regarded as a whole. We can only reach these markets through the instrumentality of our great manufacturing establishments, and it is marvelous to me that we do not appreciate the work that has been done in that direction. When I have seen cattle coming into Chicago at the rate of forty or fifty thousand a day and hogs and sheep in equal numbers, I have been astounded that any human organization was able to take care of anything like it. At times it seems as if the people had been stricken by a panic and sought to get rid of everything they had. These great establishments under the most rigid inspection of the government, well organized, with the best methods, moved with the precision of a great engine. But the great trouble about the business and one of the things I think more foreign export trade would prevent is the instability of the live stock business. In my experience I have no doubt it is true that the principal cause of this great trouble has been that we can never tell what the market is going to be. The market is up or it is down, nobody can tell exactly why; some panic some disturbance, affects the consumptive power, or seems to affect it. There is at times a surplus and at other times a scarcity. We want stability above all things and at a remunerative price. Now there is one thing in regard to such things as canned meats for foreign trade. If these great manufacturing establishments could put into cans or by some other preservative process could pickle and hold for a year or more this surplus coming in, it would act as a great governor on the whole machine and we would have stability I have known a time when one packing house in Chicago had a two year's supply of canned goods in its warehouses. The time came when Great Britain needed everything that we could furnish. It cut down the accumulation. There it was, the stored up energy in the governor of the machine and that is one of the things we always want to remember—in preparing lard, oleo, cured meats or everything that these great establishments can store up as surplus, it can give us what we want in the way of stability and fair prices if there is a possibility that we can export them and make use of them abroad. It transpires that nations in Europe are suffering for adequate supplies of meat and we want that trade. The agrarian interests there are more powerful than they are with us, particularly in Germany. We simply have got to reach this point, that we encourage in every possible way the production of live stock in this country, the conservation of the fertility of our soil to the relief of those impoverished parts of the country where over-cropping has been continued. We can advance to a more popular direction by simply doing what all authorities recognize as a wise thing to prompt commerce and make it what it really is, an exchange of commodities; to give up the idea that each man must hold on to the last for the selfish advantage which he can obtain, or in some way has acquired over his fellow associates. But they all tell us that the other nations need to be more considerate. It is not only selfishness but ignorance of the law that the great army of consumers, the millions of men who are to be supplied in every possible way, who work for wages, who work for salaries, whose daily labor is the great source of their existence, that keeps us where we are. And we have all agreed as political parties that we have got to modify our tariff schedules in the interests of a broader and more complete foreign trade. We demand a compliance of the pledges of the party.

The possibilities of our export meat products are overwhelming. When we think of the 300,000,000 people in the

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combined nations of Europe, practically none of them having an adequate supply—their consumption ranges from 20 to 50 odd pounds per year—Great Britain 50, Germany 33, and France 25—in this country we consume over 100 pounds; in other words, we have waste, and as the chairman said, there is a great portion of the carcass of every animal which we will not properly consider nor properly treat, and, as he said, the people complain about the high price of meat, because eighty per cent of the demand is concentrated on twenty per cent of the carcass and most of the eighty per cent of the carcass must be cured and put up in some form and sent to Europe. Sooner or later we will be smothered as producers by the enormous amount of over-production which cannot be disposed of.

I can remember when I was a boy away down in old Virginia, at a cross roads where two railroads intersected it was the custom for the old colored mamies to bring fried chicken to the train to sell to the passengers for their lunches. One passenger wanted nothing but chicken legs, and the old mamee said, "Masser, dis yere chicken don't have but two laigs."

We can not produce ribs and loin altogether. I admit some effort has been made in this direction, in my part of the country, where we produce Shorthorn cattle, and we have practically nothing but rib roasts, but all joking aside we have got to do something about it. We have got to work with these people. The American can not stand off and live for himself alone; he must live for his day and

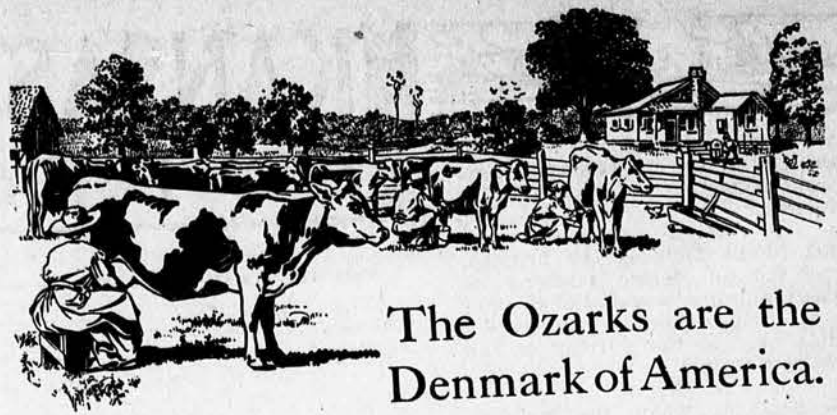
generation. We have all got to work together. Co-operation and good faith have come in with the twentieth century. If Mr. Roosevelt has done any good on earth, and he has done a great deal, it has been in the inculcation of the idea that co-operation and good faith are fundamental things in all business, and when my friend said that we could not work with these people it shocked me. They are amenable to reason just as we are, and I am in favor of trying to work with all classes of American and foreign interests and in trying to bring about these results, because they can not be brought about by anyone standing alone; and so far as I am concerned, and in every case as a representative of your body, I try to approach the other fellow in that spirit.

Let us approach these things as we would the solving of a geometrical problem, and then our conclusions will stand. We will remove this from the vicissitudes of political warfare. It will no longer be a football to be kicked from one party to the other. It will no longer be the political asset of any one man in the senate or any one man in the house who is simply sent there by the combined funds contributed by the beneficiaries of selfish ends. We want to change the whole face of affairs, and we want the world to know that we can supply them with everything which the ingenuity of men can produce and which the fertility of our soil can bring up for the use of all of us. That is my dream; that is what I hope this Association will be able to bring about.

We boast greatly of being a world power. We are, of course, physically greater than any other power. We could, if necessary array the greatest armies the world has ever seen. We could, of course, in time, launch upon the waters the greatest navy the world has ever seen, but all that is far behind that which we should aspire to. All civilized nations are struggling now for the control of the commerce of the world. We no longer can take refuge in the idea that we are an infant people, or that we have only infant industries. We should go into the arena and capture the world's commerce. It is a shame and a disgrace to our statemanship and our business sense that the commerce of even those countries immediately contiguous to us, and by all natural law dependent upon us, should have been entirely captured and taken away by England, Germany and France. The great continent south of us, capable of sustaining more millions of people than Europe ever dreamed of, should have all of her lines of trade directed to and consolidated by our dominating influence.

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The depth to which the seed-bed should be prepared depends upon the depth to which the plant roots will penetrate. Wheat, oats, and other small grains are shallow rooted and do not need so deep a seed-bed as corn or root crops.

The citizens of Shawnee county and the people of Topeka are determined to establish a fair for the state of Kansas. The movement is backed by the requisite energy and liberally supported financially. With the good will of the people at large the project will succeed.

A writer of authority says: "Soils that have always been plowed shallow should be deepened gradually by setting the plow to go about one inch deeper each season until a depth of eight or nine inches has been reached. If this deepening is not done gradually, the soil will be injured and poor crops will result for several seasons."

"If the institutes would, every one, teach good cooking, they would add much to the happiness of the world," says an eastern farm paper. The Kansas farmers' institutes teach good cooking. Mrs. Frances E. Brown, who understands well her business, gives the instruction. She is one of the present capable force of farmers' institute workers.

Tens of thousands of dollars worth of farm machinery is in Kansas—and in other states, too—at this writing standing in the fields where last used. The American Farmer, published way down East, where farmers ought to know better, says: "If your farm machinery is not worth shelter in winter it is not worth keeping. Better trade it for a dog, and then shoot the dog."

Kansans will be proud of the election of Prof. A. M. TenEyck president of the American Association of Agronomists. This association is composed of the very foremost scientists of America engaged in plant breeding and farm crop experiments, including the experts of the United States Department of Agriculture and the agronomists of all the experiment stations of the United States and Canada.

Missouri, with only two-thirds the area of Kansas, raises more corn than does this state where corn is the most valuable grain crop. In 1909 Kansas produced 147,005,120 bushels of corn worth \$83,066,905.22. Missouri produced 197,715,946, worth \$114,844,044 or an average of \$1,000,000 for each county in the state. But then Missouri does not have alfalfa, wheat, climate nor many other good things that Kansas enjoys.

The year just passed has been one of unprecedented prosperity among western farmers and partly because the farming has been better than ever before but principally because weather and market conditions have been favorable. The prosperity has been more due to a kind Providence than to any extra effort on the part of the farmer. The farmer, if he will, can do much to help along natural conditions.

Down east, where a whole lot of foolish things are originated for keeping the west company, it is proposed to organize a national league which expects to compel reductions in the prices of staple articles of food when they rise above certain levels through the employment of a concerted and legal boycott of such staples. The promoters, it is claimed, are receiving a flood of letters from all over the United States pledging support.

# KANSAS FARMER

## EDITORIAL

With which is combined FARMERS ADVOCATE. Established 1877.  
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**SUBSCRIPTION PRICE**—\$1.00 per year; \$1.50 for two years; \$2.00 for three years. The date of subscription will be found on the label on your paper. We follow the usual custom of publications, and conform to the desire of most subscribers, by sending the paper until an order is received to discontinue it. We must be notified in writing when the subscriber desires the paper stopped. Returning the paper is not sufficient as we cannot tell from the label alone what the address is. Both name and address must be given and all arrearages paid.

**ADVERTISING RATES**.—25 cents per agate line, 14 lines to the inch. Announcements of reputable advertisers respectfully solicited. No medical nor questionable worded advertising accepted. Forms close Monday.

**OUR GUARANTEE**.—It is our belief that all advertisements in this paper are from reliable persons or firms. To show that we are in earnest in protecting our subscribers we guarantee the trustworthiness of our advertisers.

The claim that farmers and their sons are not interested in improved agricultural methods is an error. That this is so ample evidence lies in the fact that the enrollment in the short courses at the Agricultural College is now a record breaker. Boys to the number of 200 have paid their enrollment fee. The large enrollment will tax the capacity of the school and the classes will be full, especially in the departments of agriculture, dairying and veterinary science.

The Kansas farmer is doing pretty well. At least some of them are. Away out in the middle of the Great American Desert, near Plains, Kan., to be exact, farmer C. G. Brown just leased his 1,200 acre ranch for a cash rental of \$20,000 and gave a sale option on it for \$90,000, if the daily press is correct. This farm now has 500 acres of alfalfa on it which produced five crops last season or something like six and a half tons to the acre while the seed crop has run as high as eight bushels per acre. The alfalfa hay crop alone will pay the rent all right.

During the year just closed it is estimated by good authority that there have been more than 10,000 American citizens who have made homestead entries in Canada in addition to the considerable number who have purchased privately owned land and are not included in the estimate. This means that there has been in the neighborhood of 50,000 people who have removed from the United States in one year to make their homes in Canada. The Canadian government is active and progressive. It wants good settlers and is offering inducements to them. What is more to the point, it is getting them. The men who go to Canada to make homestead entries are of a class that this nation can ill afford to lose.

All lines of business dependent upon the further development of the agricultural resources of the country can well afford to promote in every way possible greater and more economical production of crops. Seek out the crops and varieties best adapted to respective localities, demonstrate best methods of cultivation, etc. This work very naturally belongs to the state through its experiment station. Many states, however, are unable to do the large amount of work necessary, or do not realize the necessity of so doing, and one of these is Texas. The Frisco railroad accordingly proposes to assist and it is that after a conference between B. F. Yoakum, head of the Frisco, and W. T. Toudermilk, president of the Texas farmers' union, the offer of Mr. Yoakum to establish an agricultural experimental station in every county in Texas traversed by that road was accepted.

The returns are coming in from the county experimental farm, established

under the following conditions: We will make good the loss of any paid up subscriber who suffers by dealing with any fraudulent advertiser in our columns, provided complaint is made to us within thirty days after the transaction. This guarantee means just what it says. It does not mean that we guarantee to settle all trifling disputes between a subscriber and an advertiser, though we offer our good offices to this end. We do, however, protect you from fraud under the above condition. In writing to advertisers be sure always to say: "I saw your advertisement in Kansas Farmer."

**CONTRIBUTIONS**.—Correspondence invited on all farm topics, live stock, soil cultivation, grains, grasses, vegetables household matters, recipes, new and practical farm ideas, farm news. Good photographs of farm scenes, buildings, live stock, etc., are especially invited. Always sign your name, not for publication, unless you desire it, but as an evidence of good faith. Address all communications to

KANSAS FARMER COMPANY,  
Topeka, Kansas.

a year ago under the direction of the Kansas State Agricultural College. These farms have attracted favorable attention in each county where established and these should encourage other counties to establish similar farms this year. Corn husking on the Coffey county experimental farm was recently completed. Seventeen different varieties had been planted, ranging from Texas to Minnesota kinds. The best record was made by the variety called Kansas Sunflower, which made 50 bushels per acre; next followed Hildreth's Yellow Dent, 46 bushels, 50 pounds; Reid's Yellow Dent, 43 bushels, 50 pounds; Maccauley's White, 41 bushels and 30 pounds and from that on down to Minnesota Dent which only made 22 bushels, 10 pounds. There are great possibilities for these farms and farmers themselves should insist on their establishment.

Figures which have a tendency to stagger the average farmer or renter are reported by the weekly paper of Fowler, Kansas, in connection with the rental of a ranch in Meade county. This was a \$1,200 ranch renting for \$20,000 cash for a term of five years or a rental of about \$3.33 cents per acre per year for the five year period. The renter secured an option to purchase any time during the period for \$90,000, or \$75 per acre. The figures appear reasonable when it is known that on this farm five hundred acres of alfalfa are now growing and yield four and five crops per year. Seed on this farm has been known to yield as high as eight bushels per acre, and the land is all fenced and well improved. This seems to demonstrate the increased value of southwestern Kansas lands and gives one a good idea of the development in that section. Verily, the plains blossom as the rose. The man agreeing to pay this enormous sum as a rental is accustomed to big things because for years he has been a railroad builder.

Down at the University of Illinois they have an interesting object lesson that sets one to thinking in earnest. There are four plats of ground, side by side, on which experiments in corn-growing have been made for 29 years. On one of them nothing but corn has been grown for that period of time. Last year it yielded at the rate of 19 bushels to the acre. On the second, an alternate growing of corn and oats produced last year 44 bushels. On the third, where corn, oats and clover have been rotated, last year's production was 59 bushels to the acre. On the fourth, where the most approved methods of agriculture in every way have been followed, a yield of 96 bushels was secured.

### A NATIONAL ANNUAL FAIR.

Through the activities of E. Alexis Taylor of Hartford, Conn., there has been incorporated an association for the purpose of holding a national annual agricultural and live stock fair in the United States, similar to that now held in Canada and some European countries. The Canadian national fair has been a notable success from its inception. It has a park of 260 acres with buildings, costing over \$2,000,000, in which is a floor space of 550,000 square feet. The attendance for 1909 was 752,520 and the admission price was 25 cents each. The total revenue of this fair for 1909 was \$259,000.

The unusually good harvests, the great prosperity of the country, and the increasing interest by both government and people in agricultural development seems to indicate that the time has come when a great national annual show can be established in this country and on a paying basis. This proposition was launched by securing a charter which provides for a capitalization of \$1,000,000 by the appointment of a board of directors, and an advisory board which numbers among its members some of the most prominent men in the Union, and the election of state vice presidents. The office of state vice president has been tendered to the governor of each state, and 38 of them have accepted. While practically every organization, agricultural, live stock, industrial, educational, scientific, labor, fraternal, etc., have personally, through their executive officers, promised their hearty co-operation. Among the members of the board of directors are Hon. Albert T. Brown, secretary New York State Breeders Association and treasurer of the New York State Fair, Geo. S. Walker, secretary of the National Wool Growers' Association; Jos. E. Wing, editorial writer of the Breeder's Gazette and secretary of the Dorset Sheep Association; B. F. Dixon, State Auditor of North Carolina. The advisory board is headed by Hon. James Wilson, secretary of the United States Department of Agriculture, and includes Prof. John Craig, secretary American Pomological Society; C. R. Thomas, secretary American Hereford Cattle Breeders' Association; I. A. Nadeau, director of the Alaska-Yukon-Pacific Exposition; Wm. P. Brooks, director Massachusetts Experiment Station; Edwin A. Start, secretary American Forestry Association; S. T. Campbell, secretary American Poultry Association; I. B. Nall, secretary American Saddle Horse Association; and many others of like caliber.

There have been many bids by prominent cities for the location of this national fair, but the choice of the officers is expressed in their preference for some central location. The Business Men's Club of St. Louis and the Commercial Club of Kansas City have each made very tempting offers, and this fact, together with the inclination of the officers, may serve to locate this big exposition in the midst of the corn belt.

### CAN ADD TWO BILLIONS.

Willett M. Hays, assistant secretary of agriculture, with his associates, will start a magazine devoted to the scientific breeding of plants and animals. Manufacturing, commercial and transportation interests desiring an increase in farm products will be asked to provide sufficient funds to put the publication on a business basis at once. Assistant Secretary Hays says:

"We have at least induced the public to believe the statement that a billion dollars can be added to our plant and animal products by scientific breeding. Another billion can be added by bringing more acres under cultivation and adding fertilizers."

### PROTECT THE QUAIL.

Farmers in many parts of the state are making provision for the food supply of the quail during this long spell of snowy weather. This is very necessary as the feed supply which was not covered by the snow and ice has long been exhausted and the birds cannot get at what may lie beneath. In this humane work the farmers have been joined, in many localities.





## FITZ OVERALLS

Fitz Overalls find friend from farm to factory. Friends are these hard working men, who require hard wearing garments that will not shrink, split or rip—a big full garment, permitting ease of action, large in the legs and seat. Fitz Overalls are made of heavy pure indigo dyed denim. The suspenders are the longest and widest made, to prevent their rolling up in a hard rope and cutting the shoulders. Write to us for free booklet.

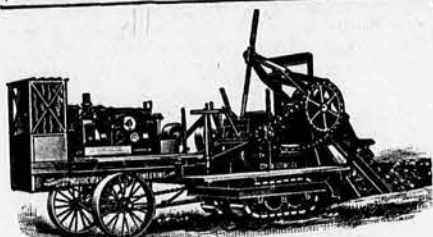
Burnham, Hanna-Munger D. G. Co.  
Kansas City, Mo.



## KENDALL'S SPAVIN CURE

In use over forty years. What one man says: "I have cured 38 spavins with Kendall's Spavin Cure, and think it is an excellent remedy." Yours truly, W. Stricker, Florence, S. D.

For sale at all druggists, \$1.00 per bottle. 5 for \$5. Keep it on hand. Ask druggist for "Treatise on the Horse," or write to Dr. B. J. Kendall Co., Enosburg Falls, Vt.



## Purchase An Austin Tile Ditcher

It will dig from 3,000 to 5,000 lineal feet per day and make you more clear money than the best 160-acre farm in your county. If you have decided to branch out for yourself this year, arrangements should be completed at once, as spring will be here almost before you know it.

The Austin Tile Ditcher is the only ditching machine made that has positively self-cleaning buckets, hence will dig gumbo or sticky clay without clogging.

It is self-propelling and will travel over wet and boggy ground without miring. For further particulars send for Catalog No. 317.

F. C. AUSTIN DRAINAGE EXCAVATOR CO.  
Railway Exchange, Chicago, Ill. (1)

## HARROW WHILE YOU PLOW



—and get 50 per cent better crops at half the cost. The Racine Rotary Harrow Attachment follows the furrow. Cuts, packs and smooths soil, making perfect seed-bed. Illustrated booklet sent free—tells all facts about this big labor-saver. Write today.

RACINE ECONOMY SPRING CO.,  
332 Wisconsin St., Racine, Wis.

## LEARN TELEGRAPHY



And earn from \$53.00 to \$165.00 per month. We have railroad wires giving actual experience. Owned and operated by the A. T. & S. F. Ry. Write for illustrated catalog. Desk F.

SANTA FE TELEGRAPH SCHOOL, Kansas.

Topeka, Kansas.

## THE STRAY LIST

Reno County—Clerk.  
COWS—Taken up, by G. R. Vancampen, in Sumner tp. one red and white cow about 9 years old, crop under both ears; valued at 20.  
Also one red cow, about 10 years old, no marks or brands; valued at \$19.

Did you notice that offer of a 4½ horse power gasoline engine for only \$91.25 that was made on page 19 of last week's Kansas Farmer by the Caldwell Tallowell Manufacturing Co., 506 Commercial Street, Waterloo, Iowa. If not, it is worth hunting up and reading.

by the city people and agents are appointed to provide the daily feed supply and to attend to the care of the birds. This is a very severe season on Bob White and disaster to him spells disaster to the farmer next summer. This work of caring for him has its selfish as well as its humane aspect.

## LIQUOR SHIPMENT AND NEW LAW.

The liquor business has another black eye. The act introduced by Representative Miller of Kansas and passed by congress designed to prevent the transportation of illegal liquor shipments from one state into another became effective January 1. The opinion is prevalent over the country that it applies only to shipments of liquor into "dry" states. This is not true. The law is much more sweeping and applies to all shipments of intoxicating liquors from one state into another. It absolutely prohibits the officers, agents and employees of railroads, express companies and other common carriers from knowingly delivering shipments of intoxicating liquors to persons other than those to whom the shipments are consigned, or delivering such shipments knowingly to persons using fictitious names. Employees of common carriers are further prohibited from collecting the purchase price or any part of the purchase price of a shipment of liquor from the person to whom it is consigned.

A novel feature of the law makes it unlawful for any person to ship or cause to be shipped from one state into another any consignment of liquor unless the package is plainly labeled on the outside cover to show the name of the consignee, the nature of the contents and the quantity contained.

## THE KANSAS GAME LAW.

We have frequent requests for information about the Kansas game law. It is a matter of satisfaction to note the renewed interest in this law and to hope that it means a reinforcement of its provisions. Briefly stated, the law provides that no one shall be allowed to hunt or shoot in Kansas without having secured a license from the county clerk. This license costs \$1 a year for residents of the state and \$1½ a year for non-residents. Every person holding such a license must carry it with him while hunting and be prepared to show it on demand to any game warden or other police officer who is charged with the enforcement of the law. It is unlawful to shoot, hunt or pursue any wild game or game bird upon the improved or occupied premises of another, or upon the public road adjoining such premises, without having first obtained a written permission from the owner or occupant. It is unlawful for any person, company or corporation to buy or sell, barter, ship, or offer for sale, barter or shipment, any squirrel or bird named in the law as being protected. Any person found in possession of any of the animals or birds protected by law is deemed to be guilty of the violation of that law. It is unlawful to kill more than 15 grouse, 15 prairie chickens, 20 quail, 20 plover, 20 wild ducks, 10 wild geese or 10 wild brant in one day.

The birds protected under this law are: partridge, pinnated grouse, grouse, prairie chicken, quail, plover, pheasant, oriole, meadow lark, robin, thrush, red bird, mocking bird, blue bird, wild duck, wild geese, wild brant, English, Mongolian or Chinese pheasant, and red squirrels. The law, however, allows an open season as follows: It is not unlawful to shoot grouse or prairie chicken from Sept. 15 to Oct. 15; doves from Aug. 1 to Sept. 15; plover, July 15 to Sept. 15; wild ducks, geese and brants, Sept. 1 to April 15; quail, Nov. 15 to Dec. 15. The law gives no open season on red squirrels, of which there are only a very few in the southeastern part of the state, but does not seem to protect fox squirrels and gray squirrels in any way except to prohibit their being sold or shipped.

There seems to be a strong sentiment among the subscribers of the KANSAS FARMER in favor of prohibiting the killing of quail at any time of year. It is doubtful if there is a more valuable bird on the farm than the quail, and certainly no more valuable ally of the farmer among his wild neighbors.

IF YOU WANT THE WORTH OF YOUR MONEY, INSURANCE THAT INSURES, PROTECTION THAT PROTECTS, GET A POLICY IN THE

## Indiana and Ohio Live Stock Insurance Co., CRAWFORDSVILLE, INDIANA.

Insuring Horses, Mules and Cattle against loss by death from any cause.

The Time-Tried Live Stock Insurance Company that has been in business continuously for twenty-four years.

Established 1886. Cash Capital \$200,000. Assets over \$400,000. Paid \$170,000 losses in 1909. More than \$1,000,000 paid to satisfied policy holders since organization.

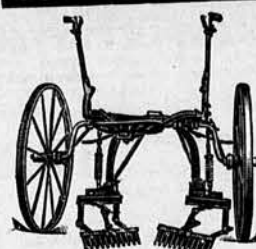
Ask the nearest agent or write to home office.

INDIANA AND OHIO LIVE STOCK INS. CO., Crawfordsville, Ind.

O. P. UPDEGRAFF, State Agent,

Topeka, Kan.

## THE TOWER SURFACE CULTIVATORS



for corn, cotton, sorghum, potatoes, etc., are the best. They shave off the weeds and work above the plant roots of all crops, leaving them intact and nourished with a perfect dirt mulch. Thirty years' test places this system at the front for common sense culture and largest results. Use "THE PULVERIZER" before and after planting for very best results. Do not fail to send for our free illustrated "Treatise on Corn Culture," at once.



(One Right Way.)

J. D. TOWER & SONS CO.,

78th ST., MENDOTA, ILL.

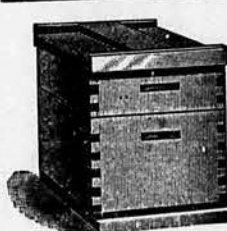
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By Mail 16c a Copy. Any Seven \$1 Postpaid.

VOCAL — Piano or Organ.	I've Lost My Gal	Napanea	Dance of the Brown-ies
Alexander Jones	If I Only Had A Beau	Pride of Prairie Mary	Dublin Daisies
Are You Sincere	—new	Put on Your Old Gray Bonnet	Dill Pickles Rag
Baltimore Boomb-shay	I Wish I Had a Girl	Rose Marie	Easter Lilies Waltz
Boom, Boom—Comic	I'm Afraid to Com	Red Wing	Floating Along
Bolo Rag Song	Home in the Par	Rainbow	Firefly Two Step
Can't You See	I Used to Be Afraid	Shine On, Harvest Moon	Fairy Kisses Waltz
Clover Blossoms	to Go Home in the Dark	Silver Threads among the Gold	Golden Arrow
Daisies Won't Tell	It Looks Like a Night Tonight	Sweetheart Days	Hand in Hand
Denver Town	If I Had the World to Give You	There's a Big Cry Baby in the Moon	Indian Summer
Dreaming	Little Lady—new	There Never Was a Girl Like You	Icicles Rag Two Step
Down in Jungle Town	Lady Love—new hit	When I Fell in Love With You—new	Joan of Arc Waltz
Dublin Daisies	Lonesome—new	When I Marry You When the Moon plays	Love's Golden Dream
Floating Along	Longest Way Round Is the Sweetest Way Home	When the Moon plays Peek-a-boo	Love Watches Waltz
Garden of Roses	Meet Me Tonight	Wild Rose	La Sorella
Games of Childhood	Dreamland	INSTRUMENTAL — Piano or Organ	Merry Widow Waltz
Days	Mandy, How Do You Do—new	Beautiful Star of Heaven	Moon Winks
Garden of Dreams	Mandy Lane	Black and White Rag	My Pony Boy
Golden Arrow	Moon Bird	Bolo Rag	Moon Bird
Her name is Mary	My Heart is Beating	Carbolic Acid Rag	Powder Rag
Donahue	Overtime for You	Chung Lo—new	Pearls—Novellette
Hicney on Our Hon-ey-moon	My Cousin Caruso		Rainbow
Hat My Father Wore	Moonlight—new		Razze Dazze
Upon St. Patrick's Day	My Pony Boy		School March—new
If I Only Had a Sweetheart			Texas Steer Rag

Send 25c for any piece not listed. If more we will advise; if less, we will refund.

E. B. GUILD MUSIC CO., 722 Kansas Ave., Topeka, Kan.



## BEE SUPPLIES.

Write today for our 1910 catalog of Bee Keepers' Supplies. We keep everything that the bee man needs at reasonable prices. Liberal discounts for early orders.

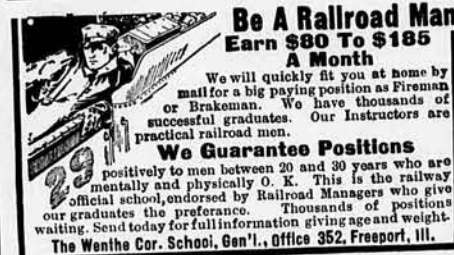
TOPEKA SUPPLY HOUSE.  
Topeka, Kansas.



## RIDER AGENTS WANTED

In each town to ride and exhibit sample 1910 Bicycle. Write for special offer. We ship on approval without a deposit, allow 10 DAYS FREE TRIAL and freight on every bicycle. FACTORY PRICES on bicycles, tires and sundries. Do not buy until you receive our catalogs and learn our unheard of prices and marvelous special offer. Head Cycle Co., Dept. S-284, Chicago, Ill.

CATALPA SPECIOSA GUARANTEED. To be pure seed gathered under our direction. Examined by the U. S. Agricultural Department and found to be pure. Copy of their letter and catalpa facts in illustrated booklet mailed free. Write for same. The Winfield Nursery Co., Winfield, Kan.



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We will quickly fit you at home by mail for a big paying position as Fireman or Brakeman. We have thousands of successful graduates. Our instructors are practical railroad men. We guarantee positions positively to men between 20 and 30 years who are mentally and physically O. K. This is the railway official school, endorsed by Railroad Managers who give our graduates the preference. Thousands of positions waiting. Send today for full information giving age and weight. The Winthe Cor. School, Gen'l. Office 352, Freeport, Ill.



## —PERCHERONS—SHIRES - BELGIANS

We received on Dec. 30th at our So. St. Joseph barns another carload of Percherons. All of our stallions and mares are imported; no home-bred, short-bred scrubs. Our prices are the very lowest if you want a square deal, with the best and safest insurance and guarantee. All street cars going south from Union Depot pass our barns; one block from Transit House; one block from the South St. Joseph depot. PERCHERON IMPORTING CO., Chas. R. Kirk, Pres., So. St. Joseph, Mo.

"Hardscrabble" Leghorns. Single Comb White exclusively. 50 cockerels, have never run with hens since they began to crow. Eggs for hatching in their season. E. M. WHEELER, Jefferson, Kansas.

Tenneholm Farm Black Langshans A LOT OF GOOD COCKERELS FOR sale. Prices reasonable. Eggs \$1.50 for 15. MRS. E. S. MYERS, Kansas.



# ZIMMERMAN SEEDS

Fresh and Sure to Grow Tested for Vitality

My fine, new seed catalog for 1910 is waiting for you. Do not fail to write for it. If you have planted my seeds in past years you know you always get your money's worth in Zimmerman's Fresh Tested Seeds. This year's book is not only better than ever, but it is the best and most reliable seed book that will go into the hands of seed buyers this year. Remember we are seed headquarters for the South and West. Buy your seeds from me and make sure of getting the kinds suited to your own soil and climate. It pays to plant Zimmerman's seeds.

## Send For Free Catalogue

Everything in Vegetable, Field and Flower Seeds, Roses, Plants, Shrubs and Vines. Accurate descriptions and fine, large illustrations, over 300 of them. Best line of Bee and Poultry Supplies. If you have other catalogs, send for mine too—do it now before you forget it.

**ZIMMERMAN SEED COMPANY,**  
623 Quincy St. Topeka, Kansas

## 10 CENTS A POUND FOR HOGS



Don't sell your hogs for 6 to 8 cents and buy poorly smoked meat from Meat Trust at 20 to 30 cents. Butcher your hogs, salt and smoke the meat yourself, sell the hams and bacon not needed for your use and make 2 or 4 times what you do now, besides having better meat. The extra profit will pay for what you use. No smokehouse necessary.

### USE WRIGHT'S CONDENSED SMOKE

Gives the rich aroma and delicate flavor of hickory smoke to the meat, therefore secures highest prices. Keeps the meat sound and sweet indefinitely, and free from insects. Applied with a brush; twice over is sufficient; entirely absorbed; penetrates meat thoroughly. A 75-cent bottle smokes a barrel of meat. Guaranteed and sold under Pure Food Law, Serial No. 541. Beware of imitations; secure the original and genuine. Write for illustrated free book, "The New Way."

Wright's Smoke guaranteed and backed by our \$250,000 capital. Money back if you want it.  
**E. H. WRIGHT CO., Ltd.,** 618 Broadway, KANSAS CITY, MO.

**FREE SAMPLE BOTTLE**  
Ask your druggist for free sample bottle. If he cannot supply you, send 10 cents and names of five who smoke meat. We will send you, prepaid, sample bottle sufficient to smoke 10 lbs. of meat.

## You Want A Square Deal

the highest market price for your hides—quick returns—in fact—A REAL SQUARE DEAL—then ship to us. If you have any hides on hand now or will have in the future—send them to us on our guarantee that you get a square deal all the time. Write for shipping tags. Postal card is sufficient.

**JAMES C. SMITH**  
Topeka HIDE COMPANY Kansas

### CASH FOR FURS

Having our special outlets and supplying certain large manufacturers exclusively, we can pay highest prices for Coon, Skunk, Mink, Possum, Muskrat and all raw furs. Write for full particulars, free classified price list, tags, etc.

**M. LYON & CO.**  
238 Delaware St., KANSAS CITY, MO.

## LET US TAN YOUR HIDE.

Mr. Stockman, what difference does it make to you when you send your hides away to be tanned and made up into coats, robes and rugs, whether the distance is less or more, so long as "Crosby pays the freight" both ways when three or more cow, steer or horse hides are sent in one shipment? Why not send them to the oldest and largest establishment of the kind, where you will be sure of good results? In that way you can get better and cheaper fur goods than you can buy. Figure on it and get our illustrated catalog, which gives prices and a lot of other useful information. Address The Crosby Fur Company, Rochester, N. Y.



# LIVE STOCK



Wonder if a few head of sheep would not help to solve the weed problem. It is a serious problem, on some farms, to be able to give the orchard the proper attention at the proper time. After the corn is laid by there is sure to be a crop of crabgrass and weeds spring up. If you summer fallow a piece of ground it is sure to have weeds in it just when you cannot attend to them. The fence corners and farm lanes are adopted by the weeds as their permanent home. The woods pasture soon fills with underbrush and weeds and all these mean wasted opportunities for making mutton, raising wool and enriching the land.

There is a wide difference between slop and swill. Slop is properly a hog's relish, while swill is too frequently nothing more than water polluted with unhealthful refuse. The term swill may embrace a wide variety of feed and drink, ranging from ordinary dishwater to a mixture of milk, table scraps, soapsuds and other kitchen refuse, while slop is a combination of a ground feed or feeds, with water or milk. A supply of wholesome swill in connection with other feeds may be extremely valuable, but in condition of decay, rancid, and mainly filthy, it may result in a loss of high-priced animals. Slop, however, may be considered as always in order.—F. D. Coburn.

How often have you known your neighbor to sell his good mares or cows because of the good prices they bring and keep the poor one to breed? How often have you thought that by so doing he was gradually "running out" of breeding stock and efficient farm animals and making himself financially poorer each year? Perhaps never. Perhaps you have done this yourself. If so you have learned your lesson and now know that there is no domestic animal that is too good for a good farmer. It costs no more to keep a good animal than a poor one and the returns on the investment are better in every way. The good animal costs less to keep in proportion to returns, it is much more efficient and it will produce a higher quality and more valuable offspring. A good mare will make a profit from her work on the farm and will produce a good colt. A poor mare is a plug and her colt will be a plug. Plugs don't pay or sell.

### Cook Kafir Corn for Hogs.

I have obtained the best results when feeding Kafir corn to hogs in the fattening pen by cooking until the grains swell to about twice their usual size. This simply requires heating to the boiling point after covering well with water and allowing it to stand for several hours before feeding, says C. B. Barrett, a Kansas farmer, in Orange Judd Farmer.

Last winter, as corn was 70 cents or higher, and Kafir corn in our locality sold as low as 55 cents per bushel, I decided to substitute Kafir corn for corn in fattening hogs for the market. This I found paid well for the extra labor. A sufficient of thrashed grain was placed in the cooker each morning for the day's ration. I fed boiled Kafir corn twice daily and shorts slop once. Our hogs made rapid gains in weight, and while possibly they were not quite as heavy as those fed an abundance of corn the same length of time, I count that the cost of bringing them to the 225-pound mark was much less than it would have been had I fed an exclusive corn diet. Good troughs are a necessity in feeding soaked or boiled Kafir corn to prevent waste. I have also fed ground Kafir corn with excellent results, but prefer to have it soaked from 12 to 24 hours. A molasses barrel is convenient for the purpose.

### Berkshire Pork.

Most swine breeders have noticed, perhaps, the remarkable frequency with which Berkshire barrows win the honors at the International Live Stock show. This has set farmers and

breeders to thinking. It is admitted that the International is the greatest show of fat hogs in this country and it is known that at this show and in the fat classes is the only place where the several breeds come into serious competition. It is also admitted that any hog that is capable of becoming a prize winner in the fat classes would possibly have also been capable of winning in the breeding classes. At any rate, the ultimate end of the hog is the pork barrel and any hog that will make good there is what we are after.

While everybody admits that the Berkshire makes a very high grade of pork there are many who do not like him because of his tremendous activity. But after all is not that one of his good points? It is true that in order to succeed with him one must have fences that are not merely hog tight but Berkshire tight. With these there is no trouble. Admitting that Berkshire pork is the best pork, it must also be admitted that they are very healthy. They are good grazers, easy keepers and heavy weighers. Perhaps they do not mature as early as some of the other breeds but there is not a great deal of difference and that difference is more than made up by their "rustling" qualities and the quality of their pork.

### Hide and Fur Market.

Furnished by James C. Smith Hide company, 108 E. Third street, Topeka, Kan. Below prices are for week ending January 15, 1910. While they may not prevail for week following, they will give you a very close idea of prices which will prevail.

#### Furs.

Raccoon, large prime	.....	\$1.75@2.00
Raccoon, medium prime	.....	1.35@1.65
Raccoon, small and No. 2	.....	.60@1.50
Skunk, black prime	.....	2.60@3.60
Skunk, short prime	.....	1.75@2.75
Skunk, narrow prime	.....	.75@1.85
Skunk, broad and unprime	.....	.25@.85
Mink, large dark No. 1	.....	5.00@6.00
Mink, medium No. 1	.....	4.00@5.25
Mink, small No. 1	.....	2.75@4.25
Mink, unprime	.....	1.00@2.25
Opossum, large cased No. 1	.....	.60@.85
Opossum, medium cased No. 1	.....	.40@.65
Opossum, small cased No. 1	.....	.10@.30
Muskrat, winter	.....	.15@.50
Civet Cat	.....	.25@.45
House Cat	.....	.05@.10
Fox, gray	.....	.60@1.00
Fox, red prime	.....	3.50@4.50
Wolf, prime mountain	.....	3.00@4.50
Wolf, prairie	.....	.75@3.50
Wild Cat	.....	.25@.75
Beaver, large, each	.....	5.00
Beaver, medium	.....	3.50@4.00
Beaver, small	.....	1.50@3.00
Badger, No. 1	.....	.50
All other badgers practically worthless.		

#### Hides.

	No. 1	No. 2
Green Salt Cured, natives	.....11 c	10 c
Green Salt Cured bulls	.....10 c	9 c
Green Salt Cured, Side Brands, 40 lbs. up, flat	.....	c 9c
Green Salt Cured, Glue	.....	6 1/2 c
Green Salt Cured Deacons	.....25 c	50 c
Slunk	.....15 c	20 c
Tallow	.....6 1/2 c	5 1/2 c
Bees Wax	.....25 c	15 c
Horse Hides	.....\$2.50@3.25	\$1.50@2.25
Ponies and No. 3	.....	.75c
Dry horse, half price of green.		
Green Salt Sheep Pelts	.....25c@	\$1.00
Green uncured hides 1 1/2 c less than same grade cured. Green half cured 1/2 c less than cured.		

#### Dry Hides.

Dry Flint, Butchers' Heavy	.....	17c
Dry Flint, Fallen Heavy	.....	16c
Dry Flint, Light, under 16 pounds	.....	17@18c
Dry Flint, Culls	.....	10c
Dry Salt, Heavy, 18 lbs. and up	.....	14c
Dry Salt, Light, under 18 lbs.	.....	10c
Dry Sheep Pelts	.....	10@12c
Above prices are delivered at Topeka, Kan.		

## MISSOURI LAND

**JASPER COUNTY FARM**—80 acres all in cultivation, good orchard, 6 room house, barn, good granary, two good wells, R. F. D., telephone, 8 miles of Carthage, 4 miles of Alba, price \$52.00 per acre. A bargain. Call or write, A. C. STEMMONS, Carthage, Mo.

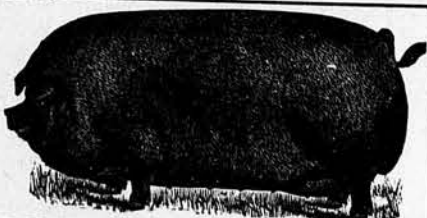
### STOCK FARM SPECIAL.

360 acres, 1/2 mile from station, 50 acres in cultivation, 310 acres pasture, 3 good springs, plenty of good timber, good house and barn, good well. R. F. D. Telephone. A fine stock farm. Price \$20.00 per acre, half cash, balance to suit purchaser. Call or write

**AURORA REALTY & INVESTMENT CO.,**  
Aurora, Missouri.

## SEED CORN 153 BU. ACRE

**Diamond Joe's Big White**—A strictly new variety. None like it. It is the Earliest a Best Big White Corn in the World—because it was bred for most Big Bushy fancy show points; because grown from roughbred inherited stock; every stalk bears one or more good ears, because scientifically handled, thoroughly dried and properly cured and had the most rigid examination. Big Seed Catalog FREE. It tells about all best farm, grass, garden and flower seeds grown. Write for it today. Address, **RATEKIN'S SEED HOUSE, Shenandoah, Iowa**



## FOR SALE

Two gilts out of Variety Maid, sired by Light Shade 80909. My hogs won \$50 at Coffeyville fair. Four head sold in the sale at Enid, Okla., for big prices. Bronze turkeys for sale. J. M. YOUNG, Fall River, Kan.



## KANSAS LAND

FOR FREE INFORMATION about Allen County lands, write F. W. Frevert, 51 years a Kansan, Gas City, Kan.

INFORMATION FREE About Allen County, located in Eastern Kansas gas belt, 100 miles Kansas City. Good proposition for live agents. HAMILTON BROS., Iola, Kan.

## WRITE FOR FREE LIST

Coffey county farms. Cheapest lands in Kansas for the money. W. H. Clark, Gridley, Kan.

## COFFEY COUNTY LANDS.

If you want one of our corn, wheat, alfalfa clover or timothy farms at the lowest prices on the best terms, write for list of bargains and colored Kansas map. Mailed free. LANE & KENT, Burlington, Kan.

## GREENWOOD COUNTY STOCK FARM.

Nicely improved 480 acres, 180 under plow, 225 slightly rolling pasture, balance nice level meadow. Price \$15,000. Will carry \$8,000 at 6 per cent. Send for free list and descriptive literature. Star Real Estate Agency, Gridley, Kan.

## COFFEY COUNTY LANDS

That are increasing in value rapidly, at \$30 to \$80 per acre. Corn, wheat and tame grasses grow to perfection. Write for our large list of bargains, mailed free and postpaid. PERKINS & YOUNG, Burlington, Kan.

ALLEN COUNTY KANSAS—Large list of farms in heart of gas belt, mailed free and postpaid. Also 100 central Kansas farms and ranches for sale. If you want a home or investment, write LINEBACK BROS., Kan.

La Harpe, Kan.

## 80 ACRES.

60 in cultivation, 10 meadow, 10 pasture, 6 1/2 miles town, mail route, telephone line, 5 room house barn, crib, smoke house, hen house, orchard, 2 wells, \$3,500 worth \$4000. \$1,000 down. Possession immediately. Andrew Burger, Owner, Burlington, Kan.

## FEED MILL MEN.

We have splendidly equipped feed mill, a large city and country trade, located in good town of 2500, Eastern Kansas, good as new, price \$7000. Owner wants land. Write full what you have to offer.

LA HARPE INV. CO., Kansas.

La Harpe, Kansas.

## LOTS OF TAME GRASS.

320 acres, 80 hog-tight, 3 miles Lone Elm, Anderson Co., well improved, well watered; good, black soil. Would raise splendid corn, wheat or oats. \$40 acre. New list free.

## THE WILSON LAND CO.,

Colony, Kansas.

LAND FOR TRADERS—All of sec. 1-14 36 Logan county, Kansas for \$3,000 for the section. There is about \$1,500 still due the company and the equity would have to be cash. If you would like something for an investment this is a "peach." This railroad contract has about six years to run after March this coming year at 6 per cent. C. E. TINKLIN, Corning, Kan.

## OTTAWA COUNTY FARM BARGAINS.

80 a. improved, 4 miles out, \$2,000.  
80 a. improved, 6 miles out, \$2,600.  
80 a. unimproved, all in cult., \$2,800.  
120 a. improved, 4 miles out, \$46 per acre.  
160 a. improved, 6 miles out, \$4,800.  
160 a. improved, 5 miles out, \$6,000.  
320 a. improved, 3 miles from town, \$10,000.  
320 a. nicely improved, 5 miles out, a good plow land, extra good, 10 miles Salina, \$40 per acre. We have others. Come or write.

## SHEPARD &amp; HOSKINS,

Bennington, Kansas.

## BARGAINS.

Farms, ranches, hotels, livery barns and other properties for sale direct. Manhattan hotel and furnishings, Iola, Kansas, 3 story pressed brick, opposite new \$72,000 postoffice, cheap for cash; livery barn, best location in town of 1,000, \$1,500; 57 acre blue grass pasture, joining same town, \$5,000; 520 acre ranch, Barber county, fenced, house, 50 cultivated, more can be, plenty water and timber, \$5,000; 1,520 acre ranch, with 900 acres leased land, all fenced 6 room house, plenty timber, abundance of water, on main traveled road; price \$15,200; terms, if needed, 1-3 or 1-2 cash, balance to suit at low rate of interest.

P. H. FOLEY, Owner,

Thayer, Kan., or Manhattan Hotel, Iola, Kansas.

## TWO GOOD FARMS WELL LOCATED.

240 acres, 160 acres in cultivation, 80 acres in grass, this is all black soil, good for corn and alfalfa. Has good 7 room house, large barn, crib, granary, hen and smoke house, etc., fenced and cross fenced, good orchard, 5 good wells of soft water, 3 miles from R. R. town and 10 miles from Wichita. Price \$65.00 per acre with terms. 134 acres extra well located, 80 acres in cultivation, balance in grass, some alfalfa. Has good 6 room house, barn, crib, hen house, etc., good orchard, fine shade, fenced good water. Located 5 miles from Wichita. Price \$9,000. This is a bargain as land in this vicinity is selling for \$100 per acre or more. Send for list. The Nelson Real Estate & Inv. Co., 137 N. Main St., Wichita, Kan.

## SHAWNEE CO. 80

Eight miles south Topeka, 1 1/2 mile from R. R. town, 5,000 bearing apple trees, all fenced with woven wire, land adjoining is selling for \$100 per a. Owner lives to far away to look after it and will sell it at the assessed valuation of \$75 per acre. Hurry.

W. A. RICKENBACHER,

100 E 6th St., Topeka, Kan.

A. C. Stemmons, Carthage, Mo., is offering a 80 acre farm in Jasper county, Mo., at \$52.00 per acre. See description under Missouri Lands on another page of this issue.

The Archias Seed Store Corporation of Sedalia, Mo., is getting out one of the handsomest calendars we have seen. This store is an especial favorite with the progressive farmer and gardeners of Missouri. Drop them a line, mention Kansas Farmer and they will be glad to send you one of their 1910 calendars free of charge.

If you should spend \$6 on a Stevens Favorite rifle for the boy you would get a sure 'nuff rifle that you would be glad to use yourself and as for the boy "there won't be anybody any tickled'n him." Just turn over to the advertisement and read that offer about expert information and the big book then send for them. They are worth the postage stamps any way.

## The "Perfection" Cleaner, Separator and Grader.

The readers of Kansas Farmer should be interested in the Perfection cleaner, separator and grader machine. F. D. Coburn, Secretary of the Board of Agriculture, saw the Perfection in operation and gives it an unusual recommendation in saying, "It is nearer perfection than anything of the kind I have ever seen, and far more so than I had supposed possible. I couldn't have believed it without seeing it." The Perfection is rightly named and is a great favorite. The machine formerly was sold by the jobber but is now sold direct from manufacturer to the user. Write The Jenen Mfg. Co., Topeka, Kan., the manufacturers, for particulars about the Perfection. They will be interested in your inquiries.

## Free Distribution of Eggs.

The poultry department of the Kansas State Agricultural College is desirous of sending out over the state eggs from pure bred poultry, free of charge. This is one of the best ways that any person, who wishes to add some pure bred stock to his present flock, can obtain what he desires without any cash outlay. Many people on the farm have always objected to paying one dollar or more for eggs to set or stock with which to improve their flock, but by this method they can do both easily. If anyone is desirous of taking advantage of the opportunity thus offered, an inquiry sent to A. G. Phillips, Kansas State Agricultural College, Manhattan, Kansas, will bring a reply, fully describing this splendid proposition. Eggs can be obtained in large quantities from S. C. W. Leghorns and in smaller quantities from W. P. Rocks, B. P. Rocks, W. Wyandottes, R. C. Rhode Island Reds and Cornish Indian Games.

## \$400 Per Acre off on Apples.

Mr. A. E. Welch, a prominent contractor and builder of St. Louis, Mo., last summer went to Aurora, Mo., on a vacation. While there C. G. Thompson, president of the Aurora Realty & Investment Co., showed him over the country adjoining Aurora. Mr. Welch states that he looked over the orchards, saw the beautiful home of Mr. Logan, who made \$400 per acre off of apples this year. He became so favorably impressed with conditions that he immediately purchased two 80-acre tracts of land, paying \$75 per acre for one and \$55 per acre for the other 80 acres. He further states that he cannot see any reason why this same land will not be considered cheap in a short time at from \$200 to \$300 per acre. What Mr. Logan did can be done by others. Land that will net owners \$400 per acre on apples and from \$100 to \$300 on strawberries and grow from 30 to 50 bushels of wheat and from 40 to 80 bushels of corn per acre will not be low priced very long. See special stock farm advertisement at a bargain in this issue by the Aurora Realty and Investment Co., Aurora, Mo. Write for the Ozark Way and list of farms.

## Last Call Dietrich &amp; Spaulding.

On Jan. 22, Dietrich & Spaulding and A. L. Albright will sell their exceptionally good offering of bred sows and gilts. In last week's issue we made mention of a number of the offerings. We wish again to call special attention to a few attractions in this sale. There is Emotion by Peerless Perfection 2d and out of Truant Lady by Truant Boy. She is bred to Parnell. Encore is another good Peerless Perfection 2d sow out of Spartan's Fancy by Corrector Chief; second dam, Spartan Lady, a grand show sow by the world's fair Meddler. She is bred to Elector, a young boar Mr. Spaulding is fitting for next year's shows. He is by Voter. Cute's Lamb by On The Plumb and out of Cutest by Cute Special is a splendid young sow bred to Parnell. Hulda's Image by Hulda's Perfection out of G's Lady by G's Perfection is one of the good things in the sale. She is bred to Parnell for early litter. Four good gilts by Grand Perfection and out of Satisfaction are full sisters to the great show litter of 1906. One of these bred to Parnell, the others to Elector. Miss Favorite by Grand T. R.'s Perfection and out of Miss Highland is Take Warning, is bred to Triple Effect by Upper Crust and out of Lady Belle by Big Chief. Fantastic and Fidelity are two very fancy daughters of Parnell out of Satisfaction by Imperial Chief 3d by Imperial Chief, first prize in class at Iowa state fair, 1901. These gilts are both bred to Elector. Bon Bon by Meddler 2d out of Sweet Marie, champion sow at Indiana state fair, 1906, is the attraction of the sale. She is a show sow and a proven brood sow, bred to Elector. One of the best gilts of the sale is Leaflet by Parnell and out of Fern Leaf by Top Chief. Bred to Sportsman. Prudence by Regulator and out of Miss Impudence, is a fancy sow. Bred to Sportsman. Ermine by Mischief Maker is a good sow and being bred for a very early litter to Parnell makes her desirable. Onion Skin 2d by Meddler 2d is a typical Meddler 2d. She is bred to Sportsman. If you have not a catalog get one at once and arrange to attend. Remember the date, Jan. 22, and Ottawa, Kan., the place.

# 50 ----- HEAD ----- 50

## GRAND GOOD DUROC

### JERSEY SOWS

#### AT AUCTION

#### THURSDAY JAN. 27, 1910

AT FARM FOUR MILES SOUTH OF GARRISON, TWO MILES EAST OF STOCKDALE AND TWELVE MILES NORTH OF

## MANHATTAN, KANSAS

10 tried sows, and fall yearlings, 35 last spring gilts and 5 fall gilts.

Everything except the five fall gilts bred for March and April farrow to our herd boars King Raven by King of Cols. 2nd, T. B.'s Chief by Tattarrax and Carl's Critic by Critic's Redeemer. The offering was sired by such sires as Tattarrax the show boar Wonder Chief the \$500 boar. Capt. Sandy grandson of Van's Perfection, Top Chief grandson of Ohio Chief. On their dams side they are rich in the blood of Nebraska Wonder by Crimson Wonder, Kant Be Beat, Red Raven, Model Chief Again, Ripley Kansas Wonder, etc.

The offering is a good one and every animal has been fed and handled as breeding stock should be handled, so don't be disappointed if they are not loaded with fat sale day. Everyone invited whether they want hogs or not; money isn't all there is in it anyway. Catalogs ready now. Write for one. Sale in warm place.

## THOMPSON BROS.

### GARRISON, KAN.

Auctioneers: L. R. Brady, James T. McCulloch, Jesse Johnson, Fieldman. Send bids to him.

# LAKEWOOD

## PERCHERON SALE

### 100 PERCHERON STALLIONS

### AND MARES at PUBLIC AUCTION

### SOUIX CITY, IOWA.

Tuesday and Wednesday,  
FEBRUARY 8 and 9, 1910.

The greatest opportunity of the year to buy high-class Percheron stallions and mares. Sons and daughters of the world's champion sire, CALYPSO, many of these good enough to win in the strongest competition. 25 BIG BONED STALLIONS READY FOR SERVICE. 10 selected yearling stallions. 50 splendid young mares in foal by CALYPSO and CARTILAGE, both INTERNATIONAL WINNERS. 15 choice yearling fillies.

It should be remembered that Lakewood Farm has produced MORE PRIZE WINNING PERCHERONS during the past five years than any other breeding establishment in the world. 30 PRIZES were awarded Lakewood Percherons at the recent INTERNATIONAL at Chicago, a RECORD NEVER BEFORE EQUALED. If you want a stallion to head your stud, a team of high-class mares, and outstanding yearling stallion, or a pair of splendid fillies, do not miss this sale.

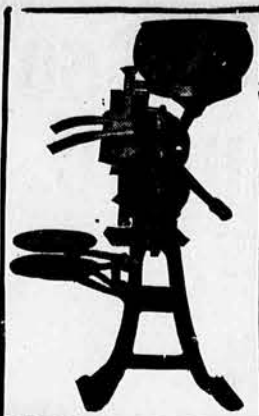
Catalog on request.

## H. G. McMILLAN & SONS

### ROCK RAPIDS, IOWA

Auctioneers: Col. F. M. Woods, Col. Carey M. Jones, Col. P. McGuire, Col. W. J. Murphy.





## THE 1910 DE LAVAL CREAM SEPARATOR

In keeping with the established De Laval custom of making the De Laval Cream Separators as much better each year as possible, the De Laval machines for 1910 show even greater perfection than they have in the past.

The dairy farmer who buys a 1910 De Laval can feel assured that he has by far the best cream separator ever made anywhere at any time.

The dairy farmer who lets the year or even the month pass by without at least seeing and examining the 1910 De Laval will be doing himself an injustice.

The opportunity of examining and trying a 1910 De Laval right at his own home is open, free of all cost or trouble, to every dairyman who will simply say the word.

Next to a De Laval machine is the De Laval catalog, free for the asking and containing a separator education in itself.

### THE DE LAVAL SEPARATOR CO.

165-167 Broadway  
NEW YORK  
173-177 William St.  
MONTREAL

42 E. Madison St.  
CHICAGO  
14 & 16 Princes St.  
WINNIPEG

Drumm & Sacramento  
SAN FRANCISCO  
1016 Western Ave.  
SEATTLE



### Wells' Shoes For Mother and the Girls

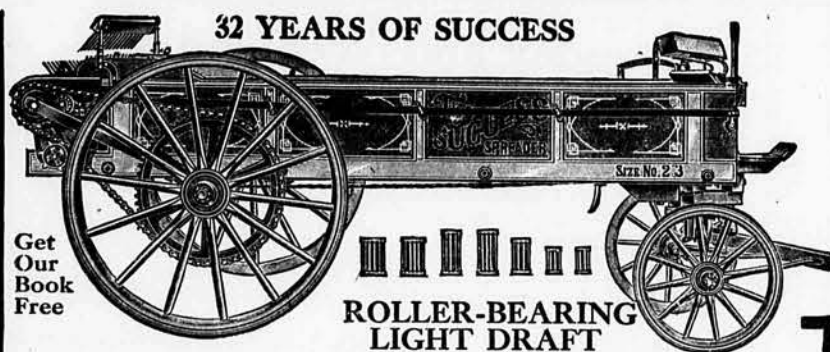
If you wish shoes that *fit well, wear well, look well*, be sure and demand WELLS' SHOES.

If shod in WELLS' SHOES, you are "well shod."

**FREE** We have laid aside a very interesting booklet for every reader of this paper, entitled "Mother, Father and the Children." Write for yours today.

When buying shoes for any member of the family, be sure and look on the sole and see that it is stamped "M. D. Wells Co." This guarantees you an all-leather shoe, combining style and wear, made by the best shoe-makers in the finest equipped factories. If your dealer hasn't WELLS' SHOES, write us and you will be rewarded.

M. D. Wells Company, Chicago



Get  
Our  
Book  
Free

### SUCCESS SPREADER

The only spreader with a 32-year record of good work. Simplicity, Durability and Light Draft always foremost. Direct Chain Drive. No Cog Gears. The choice of men who investigate thoroughly. Wood or metal wheels. A generation of experience back of every Success. The leader from the first. Exclusive features all patented. Catalog of facts Free. Write us promptly.

Kemp & Burpee Mfg. Co. SYRACUSE N.Y.

### TREES FROM CHANUTE BEAR FRUIT YOU BET!

That's why they all want them. Write today for our great \$10.00 combination offer.

CHANUTE NURSERIES,  
James Truitt & Sons, Chanute, Kansas.

### Royal Bred Poland Chinas.

In this issue is the sale ad of the high class and royal bred Poland China sale of H. B. Vanhooser, at Eldon, Mo., Jan. 21. This will be an opportunity to buy good sows and gilts that breeders should not miss. The catalog contains much valuable information about this herd. Get your name on the list and arrange to attend. Kindly mention Kansas Farmer.



One dairyman's cows may produce twice the yield and return double the profit of those of another with the same soil and the same market, simply because he uses greater intelligence in his business.

Guessing at the amount of milk a cow will produce is unbusinesslike. It is true, that the regular milker of any cow in a herd, where the milk is not weighed regularly, can seldom guess within 1,500 or 2,000 pounds of her actual yearly production.

Blood, no matter how good, is not a substitute for food, shelter and care; and yet its influence is so potent in determining the measure of success that can be attained that the selection of a breed, whatever class of animals is kept, is a subject that should receive most careful attention. —Ohio Farmer.

This is a good thought by a breeder who is many years ahead of the time, but the time will come when cows will be valued on this basis: "I wish that we might work out a plan whereby the value of good cows should be measured by their 10 years' product and their power of reproducing their valuable qualities in their offspring."

Most of the large producers are large cows. The idea that a small cow produces cheaper than a large one is sound only when based upon a good small cow and a poor large one. Breeding and care being equal, the large cow has the advantage in production, and the cost of keep is not enough greater to offset the increased value of the butter and skim-milk.

The question of the most profitable dairy breed will never be settled and for that reason figures pointing to that end cannot mean much and Experiment Stations are still comparing breeds and the last annual report of the dairy herd at the Guelph Agricultural College shows that the average cost of the feed of 12 Holstein cows was \$45.10; of seven Ayrshires, \$38.95, and of five Jerseys, \$36.13. The average profit above the cost of feed—for the Holsteins was \$34.59, for the Jerseys, \$30.96, and for the Ayrshires, \$30.40.

In too many instances the breeder is a poor feeder. To spend money for pure bred animals of any kind and not feed well is folly. The Wisconsin Experiment Station says: "In all pure breeds the original 'scrub' blood at the foundation is ever seeking to restate itself. In short, there is a tendency in all pure bred animals to degenerate or retrogress towards original and less perfect types, and nothing will more surely and speedily stimulate this tendency than lack of nutritious food. In the absence of sufficient nutrition, the possibilities of perfection inherited from pure-bred sires or dams but partially materialize or wholly fail to assert themselves."

### Feeding Dairy Cows in Open Shed.

Several years ago Dr. George C. Mosher, a practicing physician of Kansas City, Mo., and the owner of Hillcrest Holstein farm, was a frequent contributor to the dairy press. The press of professional business has caused Dr. Mosher to place the management of his herd in other hands but he is still a guiding spirit in the herd management. He writes that a new barn to accommodate 80 cows is being built. An experiment in an open-front feeding barn will be tried, to demonstrate whether it is economy to feed dairy cows well without close housing. This is an important experiment and will be watched with interest. KANSAS FARMER hopes to report the results.

### Dutch Methods Rearing Dairy Cattle.

The Dutch system of feeding and rearing Holstein cattle is simplicity itself. The calves are given whole milk until about two weeks old, when the ration is gradually changed to

skim-milk and grain. The grain is cooked or steamed and fed with the milk at first, and later is fed dry immediately before the milk is given. When grass is available it forms the entire ration for heifers, and during winter the rations are only sufficient to keep them growing. Bulls are fed in the same manner until they are a year old, after which they are closely confined, but regular exercise is given daily. Bulls used for breeding are kept in stables and are well fed, but not allowed to become fat. Roots in winter and green forage in summer are used.

### Dairy Cow vs. Beef Steer in Economical Food Production.

Prof. A. L. Haecker of Nebraska Experiment Station recently gave the following interesting figures:

"Take the steer Challenger whom we are nearly all familiar with, from his winning the greatest trophy that can be gained by a steer in the national contest down at Chicago; also take the cow Katie Gerben, which has just broken a record. Challenger gained last year 700 pounds live weight, he dressed 60—some per cent and that would mean that he produced some 400 pounds of meat.

"Beef runs from 54 to 60 per cent water in the live carcass; then we have the mineral substance, the bone; so cutting out this 55 per cent of water and this bone in this 400 pounds of meat and you have less than 200 pounds of what we call meat, minus water and bone, that he produced in one year.

"Katie Gerben produced 18,500 pounds of milk, or over 620 pounds of butter fat in one year, also 700 pounds of milk sugar, about 400 pounds of casein, 150 pounds of albumen and 150 pounds of ashes. That would give us 2,000 pounds of food nutrients. Then this cow, Katie Gerben, has produced in one year over 2,000 pounds of food nutrients, while the steer Challenger has produced 200 pounds of food nutrients. In other words, this cow has produced ten times more food nutrients than the steer.

"Now here is where you have it: A good dairy cow is one of the most economical animals on the farm, while the steer is the most extravagant.

"There is another thought. They had to kill the steer in order to get this from him, but we have the cow left to go on and, better than that, we have her progeny which we hope will take after her."

### Community Breeding of Dairy Stock.

There are several states in the Union that rank higher as dairy states than does Kansas and one of the chief reasons for this lies in the fact that the dairymen of those states use good bulls and breed up their herds in dairy qualities. It so happens that there are many farmers in these dairy states that do not consider themselves financially able to own and keep a pure bred dairy bull. This is also true in Kansas. In those other states this difficulty is got around by community breeding. Each dairyman puts up his share of the price of a good bull and all own and use him together. Results are immediate and permanent, but this would require the members of the breeding association to agree upon some particular breed and stick to it. One of the greatest advantages to be gained by community breeding lies in this fact. If a certain breed of dairy cattle is adopted for a whole community it makes of that community a center for that breed and this is of immense advantage in disposing of surplus stock.

In a certain district in Wisconsin, where community breeding has been practiced for a number of years, every dairyman owns the same breed of cattle and a recent visit by a buyer showed that the reputation of this center for good cattle of this particular breed is such that there were 9 other buyers present the same day







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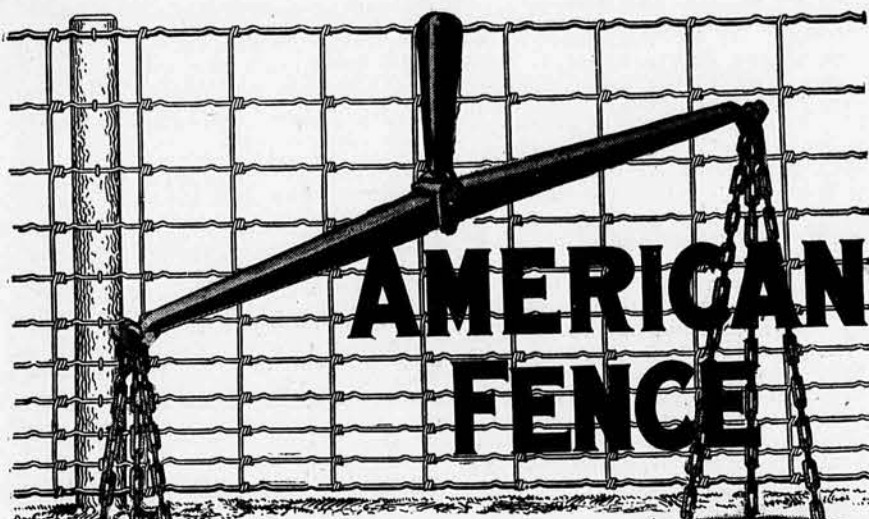
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Manson Campbell, President, **THE MANSON CAMPBELL CO.**, Detroit, Mich.; Portland, Ore.; Kansas City, Mo.; St. Paul, Minn.

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Test, judge and compare American Fence under any and all conditions and you will find that the steel, the structure and the galvanizing are equal in durability, strength and efficiency to the hardest uses.

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## COMMERCIAL GARDENING

George W. Holsinger, Rosedale, Kansas.

Horticulture and gardening, entomologically speaking, are synonymous terms, but by usage, and by necessity perhaps, horticulture has become the broader term and embraces both truck and fruit growing.

Again commercial gardening suggests the production in a wholesale way of a few kinds and varieties of vegetables as against market gardening, which usually carries the idea of raising a great many kinds and varieties of small vegetables including the bunch vegetables.

Commercial gardening is rapidly undergoing great changes. We no longer are satisfied to have radishes on the table two weeks in the spring but are cultivating the habit of expecting them all the year around and especially during the cold, shut in, months of the winter. Then, too, we are almost at the stage of gardening, when people in the ordinary walks of life can have tomatoes, cauliflower, cucumbers, lettuce, and a host of other garden products almost any day in the year fresh from the garden. For what with the development of the industry in the warmer southern states and the mild climate of southern California, together with our rapidly increasing transportation systems it is now practically possible to have fresh vegetables every day in the year.

But for present consideration let us think of commercial gardening "out there in Kansas;" the production of asparagus, tomatoes, potatoes, sweet potatoes, cabbage, cantaloupes, sweet corn, beans, and rhubarb. Of these our experience has had to do principally with beans, sweet corn, tomatoes, rhubarb, and asparagus; and the greatest of these is asparagus.

We have never considered that we were gardeners anyhow. We have confined ourselves almost exclusively to fruits and have only resorted to vegetables in yards of fruit failure. Hence most of our gardening experience is accidental. With asparagus it has been different and we have counted on this vegetable as one of our steady crops. The crops are certain and the returns sure.

It can not be grown in large acreage with the same relative degree of success that one can grow sweet corn or potatoes. A few acres, five I should think, would be about the limit of one man's ability to grow and market the crop. The facts are that without a great amount of additional help, two acres is about the limit of the ordinary mortal to tend and market and he will have to devote himself exclusively to that if he cares for it as he should.

For us, fortunately situated near a large growing city, with rapidly growing population, and facilities for securing plentiful supplies of stable manure, the cultivation of asparagus has been decidedly successful. I know of a small patch of asparagus that in a favorable season yielded at the rate of thirteen hundred dollars per acre. It is not my intention to lead you to believe that this could be done every year or even for one year on a large patch, but I am sure that a small patch of say two or three acres, highly cultivated and carefully tended, can be made to net \$400 per acre year in and year out. I know one patch of two acres that has produced at the rate of five hundred dollars per acre for three years.

Our experience with this ever increasingly popular vegetable has been limited to two kinds Palmetto and Conovers Colossal. These varieties are very much alike. In fact I am not sure that I can always tell them apart. Both are splendid commercial varieties, responding readily to careful treatment.

Our custom is to plant in rows three to three and one-half feet apart and twelve to eighteen inches apart in the row. We usually open a double furrow where the rows are to be, and then running back in the same row, throwing the earth the other way to get as deep as possible, and to have the loose soil convenient for caring and subsequent cultivation. We then drop the plants tramping each to get them into the ground deep as possible. The crown will grow upward and in a few years at least will be near the surface so it is important to get the plants as deep as possible.

One year plants are preferable to older plants and usually give better satisfaction.

covered by raking in a little loose earth just enough to cover the plants well.

The plants when dropped are lightly from time to time as the plants grow the ground can be worked into the furrow thus covering the starting grass and weeds. This process should be kept up until the furrow is filled and no grass or weeds of any kind should ever be allowed to grow in an asparagus patch, as it is of the utmost importance to keep the plants growing throughout the season, and smothering will necessarily follow neglect. In the successful cultivation of asparagus it is essential to keep the ground loose and free from weeds at all times.

The spring after planting a little may be cut for market, but only those which come earliest should be taken, if any, as the plant does not come to maturity until at least two years old, and prolonged cutting will weaken the plant so that the effect will be noticeable in succeeding years. After the first year all may be cut until about June 1, without serious injury. In fact some growers cut until the first of July. This is never advisable and is sure to tell injuriously on the patch thereafter. Each year during the winter months, the asparagus patch should be heavily fertilized with stable manure which should be thoroughly harrowed into the soil before the growing season in the spring. Patches treated in this manner should last 20 years or longer.

As in common with many garden vegetables, the most laborious job is the cutting and getting ready for market. During the marketing season, it should be cut at least every other day, and many prefer to cut it every day. Being a rank grower it shoots up rapidly and if not cut before it gets too high, it will branch out with the appearance of going to seed, which condition seriously detracts from its selling qualities.

We usually cut it for market when four to six inches above the surface, we also cut down all the spindly and crooked shoots and those which branch near the ground. None should be allowed to grow until near the end of the cutting season. It is also of importance to keep up cultivation during the marketing season.

As soon as the asparagus is cut it is carried to the shed to be bunched. It is our custom to tie in bunches just as large as can easily be spanned between the thumb and forefinger and it is then washed and packed in baskets or crates for the market. In this condition it can be kept for days without deterioration.

During the past year the average on the Kansas City market has been between 40 and 50 cents per dozen bunches. Bleached or white asparagus is procured by mulching the patch with straw or manure and cutting the shoots as they come through.

As to using salt on the asparagus, the one benefit apparent to me, is the fact that it keeps down the weeds without injury to the asparagus. To be of any special benefit as a weed killer it should be placed on the rows at the rate of about 5 barres to the acre. If applied at this rate it will not dissolve for many days, except in a very rainy season and will more than pay for itself in labor saved. I can not see that it acts as a fertilizer or stimulates growth in any degree.

We have tried commercial fertilizers but we do not think anything in this line will equal stable manure.

Tomatoes are another of the crops that can be handled in a large commercial way. We have met with very good success on all kinds of soils and all locations. However we prefer to plant on a soil that is not too deep and black with a clay subsoil and then to manure heavily. They should be planted at least 5 feet apart each way. On rich ground this is hardly enough room to prevent overlapping. We have had our best success with Shippers Favorite, Livingstone Beauty and Stone in the order named. We like Shippers Favorite very much. It is the color of Livingstone Beauty, but it is larger firmer, and more productive. It is our custom to plant both ways and thus save handwork. But late in the season it is not advisable to plow near the rows and more or less handwork is



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**BOWSER SWEEP MILLS**  
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Oats and Wheat. (Also make 8 size belt mills.)  
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necessary. This disposition of the crop will determine the method of picking. If the tomatoes are to be placed on the market for immediate sale and use they should be picked when partly colored, but if they are intended for catsup or canning they should be thoroughly ripe before picking. Half ripe tomatoes are hard to peel and if catsup is to be made, unless thoroughly ripe the produce is off color.

Tomatoes for market should be picked in oak-staved or other rigid baskets to prevent mashing and should be stemmed and wiped. If the stems are not removed they are likely to puncture other tomatoes which necessarily means loss. All cracked and cat-faced ones should be placed in another grade. For market use only the perfectly smooth ones should be put in the baskets.

For canning and catsup the local condition will govern as to wiping and sorting. With us we sell the crop including all the ripe ones whether perfect, cracked or specked. At the factory they are thrown in the vat, washed and sorted, thus saving us a lot of tedious work in a very busy time. The factory people only insist that the tomatoe be fully ripe.

Sweet corn is another profitable crop and a very satisfactory one because of the ease with which it may be handled. It is our custom to plant it as you would drill field corn, only it should be put in twice as thick. If one has much land plant it should not all be planted at once, as it would all mature at one time and harden before it could be marketed. It should be planted in small patches say an acre or so every two weeks beginning after the danger of frost is past. By this method one can have sweet corn for market for a long time. Every year there are times when the price for roasting ears gets so low as to make it an unprofitable crop. But there is rarely a year that at some time during the summer they are not in demand. We find that on good ground it costs 4 cents a dozen to produce them. They must be sold for 6 cents or more per dozen to make it anything like a paying crop. There are several things favorable to the growing of sweet corn. Very little hand work is necessary, little or no hoeing being necessary. Then if for any reason the crop can not be sold for roasting ears it can be handled for seed when cured. Two varieties I would recommend are Stowells Evergreen and Shoe-peg or Country Gentlemen.

String beans are another of the profitable crops of commercial gardening. They are easily produced in large quantities, are easily cultivated, and much more easily gathered and handled than peas. They stand shipping well and are easily packed for transportation. They hold up well even when shipped long distances. They should be drilled in double rows six inches apart with just enough space between to allow for cultivation. The green string beans sell best on our market although your local market may make it advisable for you to plant some other kind.

They are less subject to rust than wax beans and are perhaps a little more productive.

Pie plant is easily produced in a commercial way, yields immensely, and is easily gathered and put into shape for market. It can be shipped almost any distance. Then too the demand for it on the market makes it one of the two best vegetables for commercial use, asparagus being with us easily first. Pie plant is usually set in rows 4 feet apart and 2½ feet in the rows. Like asparagus it should be carefully tended and heavily manured. It should be fertilized every winter. It is a gross feeder and readily responds to careful treatment. No pie plant should be pulled for market the first year, no matter how healthy and vigorous it may seem.

The number of stalks the plant will make the first year is limited, and any drain on the plant at this time by pulling will weaken it.

After the first year it may be pulled for market at any time beginning as soon as frost is gone and running throughout the season until frost comes again.

These I have mentioned are a few of the profitable commercial vegetables. You will readily see that such vegetables as potatoes, sweet potatoes, turnips, cabbage and the like which should receive careful attention, have been omitted from this paper for want of sufficient time and it is the hope of the writer that they will receive a full discussion on merely suggesting them to your consideration.

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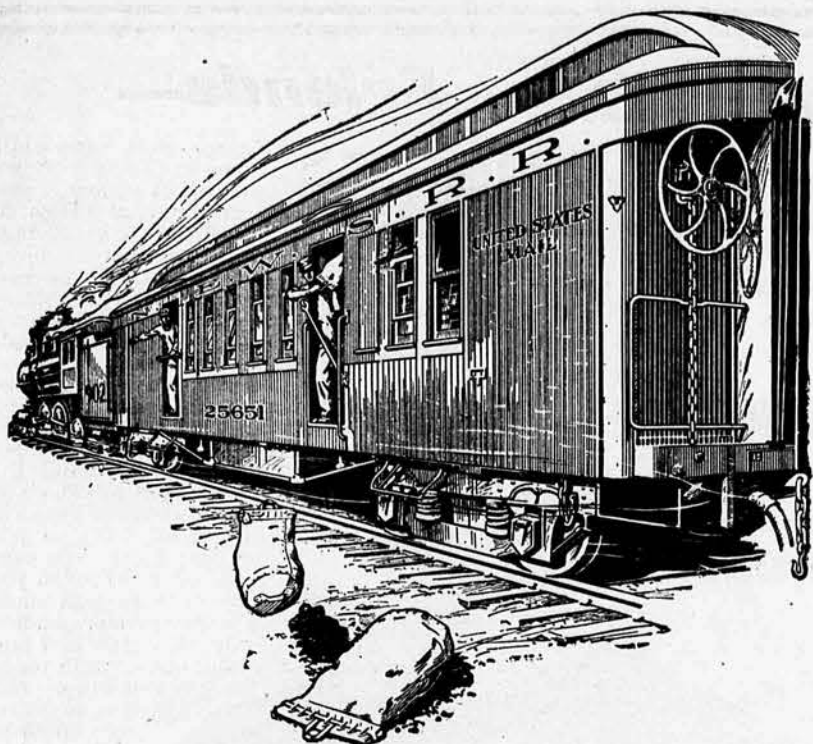
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Have you seen your piled up profits in flesh and fat go glimmering in a few days from these causes?

If so, you surely realize that preserving hog health is a case where an ounce of prevention is worth a pound of cure.

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When a hog goes about with nose to the ground—a "lack-luster" stare in his eyes—melancholy air—no interest in life—not even ambition enough to give vent to a life sized grunt or squeal—"off his feed"—and getting thinner and thinner—

That means *w-o-r-m-s*, Mr. Hog Raiser, and you had better keep a sharp eye out for your profits, or before you know it Mr. Hog will slink off into a corner, stiffen out his legs, give a plaintive grunt and pass away.

Then, his shanks and sides won't mean best hams and bacon, but a soap kettle finish for him, and a hundred per cent loss in dollars and cents to you.

### "Merry War" Lye Is An Unfailing Remedy

For just those conditions. It is unequalled for the extermination of worms and preventing the spread of cholera, and is by far the most economical.

No Hog Raiser need have the slightest fear of a worm or cholera epidemic, if he keeps a constant supply of "Merry

War" Lye on hand and mixes and feeds with slop the year round. It will increase pork profits many times when used as directed.

### Try This Sure Test

Tablespoonful "Merry War" Lye mixed with slop for ten hogs, or one-half can with barrel of swill for larger quantity. Stir well, feed night and morning.

In a few days see marked improvement in your hogs. It cleanses the system, tones the digestive organs, puts sick hogs in prime condition and renders them immune from contagious diseases.

This trial will convince you and the cost is so trifling that you won't notice it.

### Ask Your Dealer for "Merry War" Lye

While most up-to-date dealers handle "Merry War" Lye, some dealers may offer you some other brand. If so, don't accept it, but explain to the dealer that while there are other brands of Lye that are good for certain uses, yet there is only one kind—"Merry War" Lye—that is safe and specially prepared for use in preventing and curing sick hogs.

So if your Dealer can't supply you, write us and we will give you the name of one who can; and will also send you a valuable book on "How to get the biggest profits from hog raising."

"Merry War" Lye comes in 10c cans, 24 for \$2.00 at Grocer or Druggist. E. Myers Lye Co., Dept. 12, St. Louis, Mo.

# FARM INQUIRIES



ANSWERED BY  
Prof. A.M. Ten Eyck

as cattle or sheep. I am mailing you circular letter giving further information regarding "Cane Poison."

### Early Varieties of Seed Corn.

I am going to plant about 80 acres of corn this coming spring and had intended getting the seed from Iowa. Do you think it safe? They tell me that northern grown corn does not do well here the first year. Will you also tell me if the Experiment Station in Manhattan has any seed corn for sale? If not, can you recommend a seed house that can be relied upon? Can you also recommend some early corn that will do well in this locality; something that will mature in the early part of August.—A. O. Anderson, Conway, Kan.

If you want an early maturing corn you will have to send north for seed. By the tests at this Station we have found as a rule that northern grown seed corn does not give as good yields as home grown seed corn planted in the same field. We do not grow any very early maturing corn in Kansas except in the western part of the state. You may secure western grown seed corn from the Ft. Hays Experiment Station, Hays, Kan. The Pride of Saline or Minnesota No. 13 are early maturing varieties and may succeed fairly well with you. The earliest maturing varieties of corn which we grow here are the Hogue's Yellow Dent, Reid's Yellow Dent, Boone County White and Commercial White Dent. The varieties require from 110 to 115 days to mature, but they are better producers than earlier maturing varieties. It is true that northern grown seed usually does not give good results from the first year's planting. We have the above named varieties of seed corn for sale; also the Kansas Sunflower, Hildreth Yellow Dent, Legal Tender and Rose-land White. Have mailed you Circular 12 giving further information regarding "Seed Corn."

I am securing reports from growers of college bred seed and later may be able to send you a list of farmers having seed corn for sale. Of the early varieties the Pride of the North has given good success at this Station. You will be able to secure seed from Kansas seed firms, or from northern sources.

### Seed Corn in Phillips County.

I have a few things which I would like to know.

First: I am living in the north-western part of Phillips county, Kansas. Will it be all right to plant seed corn here that was raised in Graham county?

Second: I have some low land in my pasture that overflows with black soil from the cornfield, and grows up in weeds every summer. I was thinking of disking this land next spring and sow it in cane for horse pasture. Is this any good or not, and is there any danger of poisoning the colts with it?—William Grieving, Plain View, Kan.

Seed corn raised in Graham county should give good results when planted in Phillips county. The crop will depend upon the variety, whether it is good corn well adapted to the country. I would advise you to write to the Ft. Hays Experiment Station, Hays, Kan., regarding the best producing varieties of corn for your section of the state. Doubtless also you can secure some good seed from the Ft. Hays Experiment Station.

I know of no reason why the low land which you describe would not grow a good crop of cane. Would advise, however that you take some pains to drain the land so that the water will not stand on it. If the water stands on this land so as to kill the grass it will doubtless also destroy the cane or at least injure the crop. There is some danger in pasturing cane of poisoning the stock but this danger is comparatively small and colts are not nearly so apt to be injured by pasturing on cane

### Barley and Oats—Wheats.

What varieties of barley and oats do you recommend as the surest and best producers for this part of the state? Where can I obtain a few bushels of pure Kharkof wheat? Is Macaroni a winter or spring wheat or both? In this locality the farmers plant it entirely in the spring but some claim that it is a winter wheat. Do you know if it does as well or better when planted in the fall or winter?—B. L. Linengood, Kanorado, Kan.

The Sixty-Day, Kherson or Burt oats should succeed well in your section of the state. We have seed of each of these varieties at \$1.25 per bushel for graded seed, sacked, f. o. b. Manhattan. The 6-Rowed Ellis or Hanna varieties of barley have given the best results at the Ft. Hays Station. Perhaps you may secure some seed of oats and barley at this Station; write to C. C. Cunningham, Agronomist, Ft. Hays Experiment Station, Hays, Kan. We can supply you with Manschury and Bonanza barley. These varieties succeed very well here and in central Kansas and would give fairly good results in western Kansas.

I am mailing list of growers of Kharkof wheat. Our supply of seed is now exhausted but we hope to have seed for sale another season; have planted a good acreage. Macaroni or Durum is a spring wheat and not a winter wheat. We have planted it in the fall and it usually winter-kills. We had a variety which we succeeded in winter growing for four winters but finally lost it. I would not recommend to plant Durum wheat in the fall or winter in your section of the state but it may be planted very early in the spring. I am mailing you press bulletin No. 175 giving list of seed grains offered for sale by this department. Shall be pleased to fill your orders. I mailed circular letter giving further information regarding "Durum Wheat."

### Effect of Broom Corn on Land.

I would like to know what kind of broom corn is best for this part of the state. What effect would a crop of broom corn have upon the land?—Willard Smith, Burr Oak, Kan.

I would recommend the dwarf varieties of broom corn for growing in your section of the state. Broom corn is perhaps a harder crop on the land than corn. We can supply you seed of the genuine Dwarf broom corn, a selection especially as regards the strain which we have grown here for several years and which we have improved somewhat by breeding and straightness of brush and the elimination of the center stem. Price of seed \$2.00 per bushel f. o. b. Manhattan.

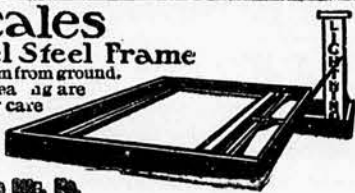
### Moisture in Butter.

In Denmark, during 1905 examinations were made of 2,778 casks of butter, to ascertain the moisture or water content. Of the 2,778 casks examined, 18 contained from 11 to 12 per cent of water; 152 from 12 to 13 per cent; 914 from 13 to 14 per cent; 1,203 from 14 to 15 per cent; 407 from 15 to 16 per cent; 54 from 16 to 17 per cent; 6 from 17 to 18 per cent; 1 from 18 to 19 per cent; 2 from 19 to 20 per cent, and 1 from 21 to 22 per cent. Statements had been made claiming 25 per cent of moisture in butter, but no samples were found to range above 19 or 19.5 per cent. When the moisture content runs above 16 per cent the butter will have a tendency to leak and so lose its moisture. In the United States butter must not contain in excess of 16 per cent water and all creameries conform to the rule. Farm made butter contains an illegal per cent of water.

## Lightning Pitless Scales

### New Pattern. Solid Channel Steel Frame

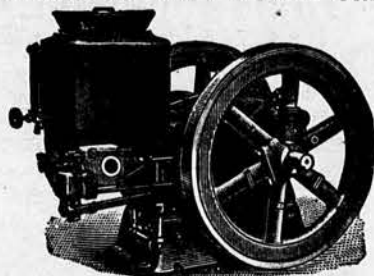
Channels are seven inches which is the height of platform from ground. Levers are octagon in shape giving greater strength. Beams are Toolsteel. This Scale will last a life time with ordinary care. Equipped with compound Beam Free. Furnished absolutely complete except platform planks. Guaranteed accurate and tested to more than its capacity. Write for prices and description before buying. CHICAGO CITY MEASURING CO., 129 WEST 31st ST., CHICAGO, ILL.



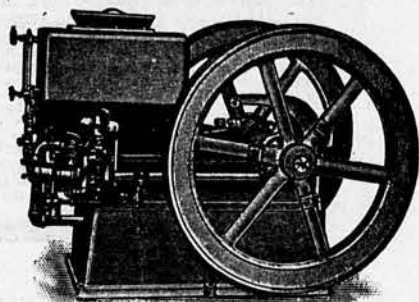


# Send for Fuller & Johnson's Free Books on Double-Efficiency Gasoline Engines

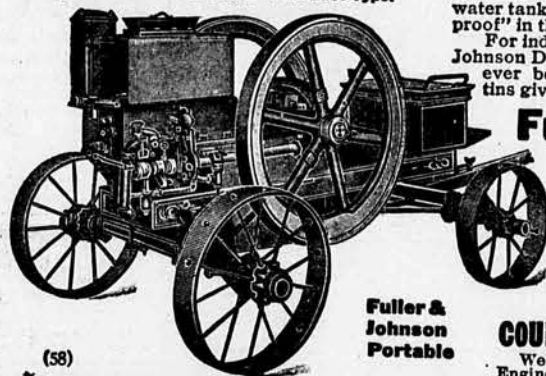
Fuller & Johnson Engines lead the world in all-the-year-round **efficiency**. No other gasoline engines at any price compare with them in actual **working ability**, even under the most adverse conditions. They will run at 50 degrees below zero or in the raging heat of the tropics. Anywhere, any time, exposed to the elements and even carelessly handled, they prove their **double efficiency and absolute supremacy**.



3, 5, 7 and 9 Horse-Power.



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Each of our seven sizes of Horizontal Engines is a complete and perfect Power Plant, for Stationary or Portable Service.

The Fuller & Johnson "Cooling System" is the climax of engine designing. It marks an epoch in gasoline engine history. The record of ten years proves we have solved the problem of a perfectly water-cooled engine. No Detachable Head! No cylinder head joint to leak and pack! No gaskets to be broken! No long lines of piping, circulating pumps, cooling pans, spraying devices, stop cocks, etc., to constantly watch for fear of a "freeze up" and burst pipes and cylinders! No cumbersome water tank! No leaky pipes and connections! Our engines are "trouble-proof" in the strictest sense.

For indoor or outdoor service, for stationary or portable use, Fuller & Johnson Double-Efficiency Engines are unquestionably the best that have ever been built. Ask the user! Send for the Free Books and Bulletins giving full details of these "Seven Wonders of the Engine World."

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The Fuller & Johnson Line of Agricultural Implements includes Walking and Riding Plows, Harrows, Cultivators, Corn Planters and various other farming tools. These implements enjoy the highest reputation and embody all the latest improvements. Special Implement Catalog on request.

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## FULLER & JOHNSON MFG. CO.

Established 1840. 676 North Ave. MADISON, WIS.

## A LIFE-SAVER!

This great little engine does all the pump-water for domestic use besides. It is the simplest form of gasoline power in the world. A complete, portable, handy Power Plant, that comes to you ready to run. Inside of 15 minutes you can have it attached to pump AND PUMPING! Nothing more to buy but gasoline. You start it or stop it INSTANTLY. No special platform needed—no belts, no shafts, no arms, no anchor posts, no pump jacks, no tower! Nothing else like it! Runs in coldest weather—supplies water at the temperature stock can drink.

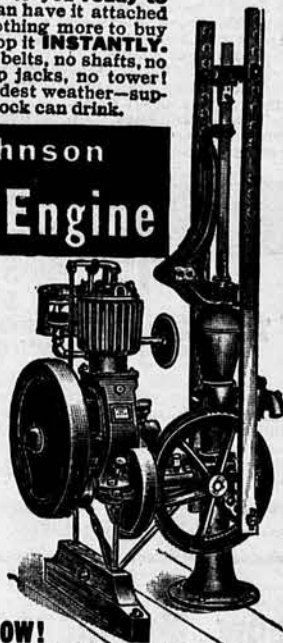
## Fuller & Johnson Farm Pump Engine

Saves Back-Breaking Labor at Pumps

You need the Farm Pump Engine and so do your wife and children. It does all kinds of hardest work that you now are doing by hand-power. Runs the big cream separator, turns the grindstone, operates fanning mills, churns, washing machines, everything that is ordinarily run by hand-power or foot-power. Put an air-head on the pump (just a piece of common pipe) and it will throw water over a 40-foot house or 60 feet on the level. You need its fire protection as well as its muscle-saving service.

Costs no more than a windmill, and out-pumps the best one built. Nothing to get out of order. Anybody can run it. Thousands sold and every user delighted with it. Send for Free Catalog and name of nearest dealer who has it on exhibition.

Clip Coupon or Write Postal NOW!



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Double-Efficiency Engines ☐

Farm Pump Engines ☐

## Community Breeding Again.

A writer in Michigan Farmer says: We want to encourage community breeding. Have the farmers in a given neighborhood breed the same kind of cattle. Breeders should co-operate and work together to produce definite results. In several communities in this county and this state people have co-operated and bred the same kind of cattle, and those communities have become noted for this. They can sell their cattle to better advantage than a community where many breeds are kept. The reason is obvious. The whole community breeds the same breed of cattle. When buyers want to buy a carload of stock, they can go to this community and get their whole carload with very little effort, because everybody has surplus stock to sell. On the other hand, if only one or two farmers raise cattle of a certain breed, the buyer can only get a few in each neighborhood and it would cost him considerably more in time and money to get together a carload of cattle. Furthermore, if all the farmers of a community bred the same breed of cattle they could and would have breeding clubs through which they would get better ideas about breeding. They could exchange bulls. An extraordinary good bull could be used on more than one herd and his descendants could be used on other herds. If I were Mr. B. and going into registered dairy cattle, I would make myself like some one of the breeds already being bred in that neighborhood. Then I would co-operate with that man and breed the same kind of cattle. I would use my influence to form an organization and would try to get the other fellows to think likewise, and have them get rid of other breeds and stock up with the favored kind. In that way you can have better results in breeding, make more money.

## Cost and Storage of Silage.

The chief reasons why the silo has become so popular are two. First, the cheap manner of growing and saving this excellent feed stuff, and second, the small space it requires for storage. The cost of growing and saving corn silage is as follows:

Yield 13 tons per acre.	
Cost per ton, 72 cents.	
11 men at \$2 per day.	\$22.00
7 teams at \$2.25 per day.	15.75
1 traction engine, per day.	5.00
Engineer.	2.00
To coal.	1.00

Total.	\$45.75
Silage cut per day, 75 tons.	
Cost to put in silo, per ton, 63 cents.	
Cost of silo and harvesting machinery.	\$600.00
Interest at 6 per cent.	36.00
Depreciation and repairs.	58.00
Taxes and insurance.	6.00

Cutting 400 tons, per ton.	.25
Cost putting in silo.	.88
Cost growing corn.	.72

Total.	\$1.85
Total cost for two or more farms, per ton.	\$1.60

Cost of 150 tons, one farm, per ton. \$2.02

The difference in space required to store hay and silage is as follows:

1 ton of silage.	50 cu. ft.
1 ton of hay.	500 cu. ft.
1 ton of ensilage, cost to put up \$ .63	
1 ton of hay, cost to put up.	1.50

## Dairy Performance of Greatest Value.

Dairy cows have too long been judged and prizes awarded on the scale of points recognized by the score card. The object in breeding dairy stock is to obtain milk and butter. Dairy cows should be selected and judged according to their

producing ability regardless of symmetry, beauty and some other things which have counted for ten or more points in the score card but which are not necessarily the attributes of heavy milk production.

At the recent National Dairy Show a class of cows was judged on a plan which, as a result of the first trial, is looked upon with favor. The rules required that the animals entered should have to their credit, at least, one yearly official test; then the cows were to be judged according to their individual merits in dairy type, symmetry, and conformation, and given a percentage basis. This would require that the first cow must have a higher percentage score than any of those following, but each cow must be placed on the basis of 100 as perfect. Then, considering the butter-fat records of each cow, a credit of one point to every 20 pounds of fat above the requirements of 400 pounds every year would be given. This would mean that a cow having an official record of 600 pounds of butter-fat per year would be allowed ten points on production, thus if the cow scored 85 points, her product would raise her record to 95 points. In this way a cow would be able to compete in the show ring though she be defective in type and still make a good showing if she have a large butter record to her credit. This method of judging cows is the first public recognition ever given in the show ring and it will, no doubt, receive support by the

breeders who are substantially backing their claims on perfection by performance. It would not be surprising in the future to find the dairy cow largely judged in this manner.

## "Hogs and High Priced Corn."

In a recent issue of KANSAS FARMER there was an article on hogs and high priced corn, and after reading it concluded to write.

The winter of 1906 we fed 38 head of spring pigs, which weighed on Jan. 8 169 pounds per head. Forty-three days afterwards, on Feb. 20, we put these pigs on the market and they weighed 270 pounds each, making a gain of 101 pounds per head in 43 days.

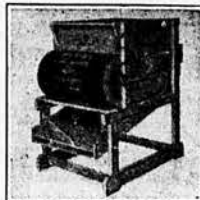
On Feb. 12, 1907, we sold 63 head of spring pigs, 10 months old, that averaged 325 pounds per head and several in this bunch weighed more than 400 pounds each. On Nov. 15 we sold 40 head of seven months pigs that averaged 214 pounds per head.

We are now feeding some pigs of May 23 farrow, 183 days old, that weigh 220 pounds and have pigs of July 7 farrow 143 days old that weigh 154 pounds. One of our sows farrowed 26 pigs in one year and raised 23 of them. Sold one litter when they weighed 114 pounds per head to a cattle feeder, the other litter we fed out and the two litters brought us \$245. We have other sows that have done nearly as well. Last year our 10 sows farrowed 101 pigs.—W. S. Harding, Richland, Kan.

## FROM FACTORY TO USER

The Perfection is guaranteed to be the best cleaner, separator and grader on the market. Mr. F. D. Coburn, secretary of the Kansas State Board of Agriculture, says of this machine: "It is nearer perfection than anything of the kind I have ever seen, and far more so than I had supposed possible. I couldn't have believed it without seeing it." Heretofore the jobber has handled this machine. We now propose to sell it direct to the user, thus cutting out the profits of the middleman. Write us for particulars.

THE JENSEN MFG. CO., TOPEKA, KAN.





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New Book Right  
Away — Best  
Ever — Send  
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Today**



**B**ESURE to raise chickens this year—and I ask you, old friend or new friend, to send me your name early for my new 1910 Poultry Book. It's better than ever—every page a poultry sermon—over 200 pages and over 1,200 photographic pictures showing you—

## Old Trusty Incubators

I pay the freight to you east of the Rockies and "Old Trusty" does the rest. Get my 1910 poultry book, by a man who knows how to raise chickens—from 15 years' experience.

My "Old Trusty" is simple and sure—California Redwood—Asbestos-and-Metal-Encased.

Every part made for use—nothing superfluous. I make quick shipments. Don't pay two prices. Buy direct from me no matter where you live.

75 per cent better hatches guaranteed. "Old Trusty" runs itself and pays for itself most quickly of all.

"Simple and sure" is what over 150,000 beginners and experienced poultry raisers have proved.



Consider the cost to you this year. Investigate my 1910 "Old Trusty" incubator before you buy. My price will be lower to you—something below \$10, anywhere you live—freight prepaid east of the Rockies. Send your name for my book today. I'll answer quick.

**M. M. Johnson, Incubator Man**  
Clay Center, Neb.

## Know My Incubator — Know My PLAN.

My plan is so liberal that you will enjoy dealing with me, and my "QUEEN" incubator is such a good, substantial money maker for your farm that you and I will both be more than satisfied to become poultry friends.

Just drop me a line, so I can explain my proposition and let you see pictures and letters of my farm friends who use "QUEEN" incubators. Please do it to-day. I am still including one of my handy Poultry Record Books with my Catalog. It enables you to keep exact figures on hatching and to know how much you are making. I want you to know these facts when you try out a "QUEEN," because it will prove conclusively that you are getting all the poultry profit that can be made.

Pick out from my catalog the size you want and I will just fix you up to your entire satisfaction—make you a low price, a long time guarantee and allow you an extended trial. Write me to-day or you may forget it.

**Wickstrum, The Queen Incubator Man,**  
Box 28, Lincoln, Neb.



## \$10.15 FOR THIS 100 EGG FIREPROOF. AUTOMATIC. BROODER-INCUBATOR

or two for \$19.80, with all fixtures complete. Freight paid east of the Mississippi. Special rates further west.

**A TWENTIETH CENTURY WONDER.**  
HATCHES and HOVERS like a LIVE HEN. One Regulator. One lamp. Saves ONE HALF operating expense. **TIRELESS BROODER ATTACHMENT.** Practically FOUR MACHINES IN ONE. **POROUS VENTILATING SYSTEM.** 80 percent hatches GUARANTEED. 40 or 60 DAYS TRIAL. A GOLD MINE ON ANY FARM.

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and enjoy a most pleasant occupation as competent chauffeur—one that can replace as well as run machines. Splendid opportunities in this new business. Automobile Liveries, Taxicab, Repair Companies being established everywhere. Every man wanting to own an automobile, become a chauffeur, expert repairer, agent or salesman needs our practical course. Write for our interesting free book. **KANSAS CITY AUTOMOBILE SCHOOL,** (Garage and Bus Equipped Automobile School in America) 1109 E. 15th St., Kansas City, Mo.

# POULTRY



Keep your fowls healthy by keeping them busy.

Idle fowls are apt to get into mischief and form bad habits, such as feather picking and egg eating.

A bundle of unthrashed wheat or oats is a good thing to put in the chicken pen these cold days. The chickens will keep themselves, happy, healthy and warm in picking out the grain.

Unless a hen is kept busy and active these cold days, you can not expect her to lay eggs and eggs are certainly worth catering for these days of high prices of all food products.

If you have no wheat or oats in the sheaf, get some millet seed and scatter among the litter of the poultry house and it will keep the hens busy all day, and being busy they will keep warm.

Remember that grit should be provided for the laying hens. Hens probably suffer more from lack of grit when confined than anything else. Don't forget that when the snow covers the ground it covers all the hen's usual supply of grit.

Don't neglect the feeding of green stuff if you would have plenty of eggs. Cabbage, turnips, beets if halved and thrown into the pens will be very acceptable to the chickens. They will pick at them till they are all eaten and the fowls get needful exercise at the same time.

During a long spell of cold weather such as we have had in December, when the fowls are confined in their houses, they need a stomach corrective, nothing is better than charcoal. If ashes are scattered in the house they can get considerable charcoal from that source. But it will pay to buy the commercial charcoal and feed the hens. You will be surprised at the quantity they will eat.

When fowls are confined in close quarters for a long time, they are apt to become restless and get to picking each other, till they create sores on one another. They get to scratching these sores with foul feet and canker occurs. One of the best remedies for this disease is peroxide of hydrogen. Take a small syringe and squirt some of the medicine on each of the sores. They will heal up in a short while.

How easy it is to make money in the poultry business, on paper. We have noticed the statement of one writer who says: "Let us begin with one young, healthy hen; let us suppose that she and her female progeny will live seven years, which is greatly within bounds, and rear two broods of thirteen each, every season. Let us suppose that half her chicks are cockerels, almost all of which will be killed, except those required for breeding, so therefore will make no account of them. Then it will be found that at the end of the first year we have the original hen and thirteen chicks making at the end of first year 14; at the end of second year we have 19; at the end of third year we have 2,744; at the end of the fourth year we have 38,416; at the end of the fifth year we have 537,824; at the end of the sixth year we have 7,529,536; at the end of the seventh year we have 105,413,504; at the very lowest price of ten cents each would make us worth over ten million dollars." A very easy method of getting 28 cents for 'strictly fresh' you would know they were cold storage eggs, so

rich quick. Of course figures cannot lie, but simply try the above experiment, deduct cost of housing, feeding, losses, etc., and see how quickly the riches diminish. The poultry business in reality is a very different thing from the poultry business on paper and writers on poultry matters should be careful with their figures. We often see the statement that the poultry business is the very one for an invalid or a feeble woman to engage in but it is a fallacy. It takes the very highest talent with lots of energy and vim to make a success of the poultry business, and it is folly to try and hoodwink unthinking persons into believing that there is lots of easy money in it without any hard work. Tell the truth.

### Ten Cents Extra.

The Record-Herald, in giving an interview with a prominent South Water street merchant, says:

"When you go into a grocery and ask for strictly fresh eggs and the aproned man behind the counter gives you a dozen and 12 cents change out of half a dollar, don't glare at him angrily, but blame yourself.

"The situation is just this: You pay 38 cents a dozen for strictly fresh eggs (extras costing you 42 cents a dozen). You pay 28 cents a dozen for cold storage eggs. But no matter whether you pay 28 cents or 38 cents you get the same eggs. They all come from some cold storage warehouse. If you were charged only when you ask for fresh 10 cents is tacked on to the price to make them taste better.

"All the real fresh eggs that are coming in now are being snapped out by big hotels and the wealthy and favored customers of a few dealers. They may pay 42 cents and even more, but the general public shouldn't pay that, for it gets no chance at the real fresh eggs anyway."

This is as bad as the story that was told by a late employee of the Standard Oil Company. On his oil wagon he had one receptacle for oil, but had three faucets from which the oil emerged. The oil from one faucet he sold at 12 cents per gallon, from another 15 cents per gallon and from the other 20 cents per gallon. One was just common oil, the other was fine, white oil, and the last was the finest headlight oil. You paid your money and you took your choice of the names, but the oil was the same from all faucets. The story also emphasizes the value of real fresh eggs in winter time, and happy is the man or woman who can furnish them these days.

### A Few Chicken Questions.

I would like to ask a few questions in regard to poultry raising:

1. How shall I feed to be sure of fertile eggs for setting?
2. How long can it be safe to let eggs lay from the day when they are laid till I want to put them in incubator for hatching?
3. How early is it best to set incubator, as I have but common chicken houses, also where is best place for incubators?
4. How often should hen houses be cleaned in winter when poultry are kept in?—O. W. N., Falun, Kan.

Ans. 1st. No different feed is necessary, than the ordinary feed that is fed to chickens, unless the fowls appear to be dumpty or sluggish, when some fresh meat would be a good thing to feed them to enliven them up. See that you have a good, vigorous male, not over four years old, with from eight to twelve young hens or pullets and there should be no trouble about the fertility of the eggs. One great cause of infertile eggs early in the spring is the overfatness of the hens. Eggs from hens that are too fat have a tendency to be infertile, possibly on account of the sluggishness of their blood. A retrenchment in the food supply will remedy this. Make the hens scratch for most of their feed and they are not apt to be too fat. 2nd. Eggs have been known

## A Town Lot is Big Enough

Poultry raising possibilities were never better. Profitable on smaller large scale. Geo. H. Lee knows. He started in a small way. He now has 5000 laying hens. He invented the Mandy Lee incubator, the Mandy Lee Brooder, and all the appliances he could not buy. He experimented with his own money, not customers'. The



## Mandy Lee Incubator

was offered to the poultry public when perfected, not before. Inexperienced can start with Lee's twenty years' successful work. Lee's "Chicken Talk," a book written by Mr. Lee himself, and his Incubator and Brooder catalogues are ready to mail. Both free. Send for them today. There is no poultryman's need omitted from this catalog. It is a complete showing of the things that made Mr. Lee a successful poultry raiser.

**GEO. H. LEE CO., 1137 Harney St., Omaha, Neb.**

## Sam Thompson Says Try My New Fairfield Incubator 2 Hatches FREE



I'LL SHIP IT for you to try in your own home, two hatches free. I just want to prove to you at my own risk that the Fairfield is the world's best hatcher. That's what I call it. Thousands of my satisfied customers back me up in this strong claim. There is no better machine at any price. It's built right and will give you the biggest hatches and healthiest and strongest chicks.

**Get My New Catalog and My Special Free Trial Offer Now**

THE FAIRFIELD is made out of the best California Redwood lumber. It's patented heat system gives an even uniform temperature, which means big hatches. The regulator works perfectly. Big, roomy nursery and egg chamber, double doors. Clear top, fine finish. Write me today without fail for my new catalog and great offer.

**Sam Thompson, Pres.,**  
**Nebraska Incubator Co.,**  
177 Main St., Fairfield, Neb.



## \$7.55 Buys Best 140-Egg Incubator

**Freight Prepaid**  
Double cases all over bes copper tank; nursery; sell regulating. Best 140-chic! hot-water Brooder, \$4.50. Ordered together \$11.50. Satisfaction guaranteed. No machines at any price are better. Write for book today or send price and save waiting.

**Belle City Incubator Co., Box 18** Racine, Wis

## CORN BELT MILL

This mill is strongly constructed, and takes less power than any other mill of its capacity. The late-centered burrs insure fine, even grinding. The new feed regulator gives perfect regulation on ear corn as well as small grain. The burrs may be changed in three minutes. This feature is worth the price of the mill to a good many.

**Try it 20 days FREE**

We would like to have you test a Corn Belt Mill on your farm for 20 days. If it doesn't do its work better than any mill you ever used, send it back at our expense. Learn more about this mill. Write for booklet to-day.

**SPARTAN MANUFACTURING CO.,**  
Dep. 65, Pontiac, Ill.

## \$10.00 Sweep Feed | \$14.00 Galvanized Grinder. | Steel Wind Mill.

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

**CURRIE WIND MILL CO.,**  
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## Don't Throw It Away

Does Your Granite Dish or Hot Water Bag Leak?

**USE MENDETS**

They mend all leaks in all utensils—tin, brass, copper, granite, wood, hot water bags, etc. No solder, cement or rivet. Any one can use them; fit any surface; three million in use. Send for sample pkg. 10c. Complete pkg. assorted sizes, 75c. per doz. Agents wanted. Write Mfg. Co., P.O. 1142, Amsterdam, N. Y.

## Earn \$60 to \$140 Month

Hundreds of positions open for steam railway Firemen and Brakemen, and electric railway Motormen and Conductors. Experience unnecessary. Write immediately for full particulars stating position desired.

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275 Reliance Bldg., Kansas City, Mo.

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Best and cheapest. Has given universal satisfaction for years. The only light for the farm home. Remember, that there is only one "Phelps." Write for free, descriptive literature, handsomely illustrated.

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Funeral Director and Licensed Embalmer.

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## BEGIN NOW



Now is the time to plan your poultry work for this season. If you need a new incubator or brooder please write us. We will save you money. The materials in our machines this season we bought before the present high prices. We do by machinery what others do by hand. Result—Lower price to you. Drop us a postal for our catalog.

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Government Reports show that **STRAWBERRIES** yield more dollars per acre and give quicker returns than any other crop. Our Strawberry text book teaches Kellogg's way to grow big crops of big red berries. IT'S FREE.

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Box 70, Three Rivers, Mich.

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to hatch after they were kept six weeks, but the earlier they are put in the incubator the better, for the percentage of live chicks is not near so large with eggs that have been kept a few weeks as from those that are set in a few days after being laid. If eggs must be kept for any length of time they should be turned once or twice each day. It would be much better to start the incubator with half the eggs it will hold, than to wait for a full supply. There will be more chicks and their vitality will be greater from half the number of fresh eggs than from a full quota of stale ones. 3rd. It depends a great deal as to what disposition you wish to make of the chicks. If you want them for early broilers you can not set the incubator too soon, for it is the early bird that catches the good price. If your variety of fowls is of the Asiatic kind and you want mature fowls for the fall and winter shows the sooner the incubator is going the better, even in January or February is none too soon, for it takes the Asiatic fowl from eight to ten months to get to full weight and plumage. But if you want the chicks for the ordinary run of farm flocks, it would be time enough to start the incubator the latter part of March or beginning of April, and as you say you have but the common chicken houses, the later settings would suit your conveniences better than the early ones. The state of the weather in early spring should have a bearing on the time in which to start the incubator. If spring opens up early, and the hens get to laying quite lively, then it is well to be in unison with the weather and its conditions and start things early. But if it is a late spring, and the hens do not lay many eggs it would be better to wait for more favorable weather and what is more important, more eggs. 4th. You cannot keep the poultry house too clean, either in summer or winter. It should be the aim of every one who has charge of poultry to see, not how long he can leave the poultry house without cleaning, but how clean he can keep it at all times. If the poultry house is a large one with not very many fowls in it, it will not need cleaning as often as a small house with lots of chickens in it. But keep it clean, no matter how large or small the house is, for on its cleanliness depends the health of the fowls to a great extent.

### Chicken Patties.

Stir four tablespoonfuls of flour into four tablespoonfuls of melted butter until perfectly smooth, add gradually two cupfuls of white stock or hot milk and cook until smooth and thick. Add two cupfuls of cooked chicken cut small, but not minced, and season to taste with salt and red or white pepper. Line patty-pans with puff paste, fill them up with the chicken mixture, cover with the paste and bake in a quick oven. These may be reheated before serving.

### A Yeast Secret Worth Knowing.

After several years of indifferent success in baking bread with compressed yeast, which I had been taught to soak just before using, I made the following discovery: I had just dissolved some yeast preparatory to setting bread, one day, when a visitor came and stayed so long that I was obliged to postpone my baking until the next day. When ready to begin operations, having failed to procure fresh yeast, I ventured to use the portion soaked the day before, as it looked very "live" and fresh after the water was poured off. That day my bread was so exceptionally light and sweet, besides raising quicker, that I determined to adopt that method of treating the yeast, and, being of an experimental turn of mind, I frequently let it stand several days, or even weeks, before using, always with the same good results. When doing this, always keep in a cool place and change the water each day. When ready to use pour off the water, add a spoonful of sugar to yeast, then dissolve in the liquid to be used.

In circles of state there is just now endless argument pro and con as to the course of the present high cost of living. A congressional committee has been appointed to make an investigation. So, after a few months, the people will be officially informed, although at this writing most people are able to assign the correct cause.

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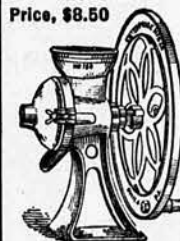
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### Good Work Recognized.

Two of the most important State Fair Associations of the corn belt states have recently held their annual meetings and elected officers. The Iowa board did itself honor in re-electing John T. Simpson to the office of secretary for the 9th consecutive time. Mr. Simpson is young in years but old in experience and perhaps no more capable State Fair secretary can be found in the country today. In fact, his idea of what a State Fair should be is far above that of most of his brother secretaries, and is best shown in his work of making a great educational institution out of the Iowa fair.

Missouri also, has done herself proud in the re-election of Secretary John T. Stinson. Mr. Stinson has had a much shorter experience as a secretary but his work has proved him to be a man of ideas and ability to execute them. Maybe Kansas will some day have a great fair that is fostered and supported by the state.

### Brick Wall Will Not Keep Water Out.

What can be done with a brick wall that will not keep water out? The wall is eight inches thick. During the recent wet weather it became thoroughly soaked so that the room could not be occupied.—M. Jennings, Webber, Kan.

The question does not permit of a definite answer. We assume that the wall is above ground and plastered on the inside. In this case we should paint it thoroughly on the outside with two or three good coats of outside mineral paint. By outside paint we mean a paint that is mixed with linseed oil or cottonseed oil—not with pitch or with a byproduct of coal oil. If the wall is invisible from the street it would be cheaper and even better to paint it with two coats of carefully applied coal oil, but of course, no one would spoil a whole neighborhood by using black tar on a visible wall.—Dr. J. D. Walters, K. S. A. C.

### Some Important Factors in the Production of High Grade Seed-Corn.

The seed corn grower and breeder has much encouragement in the great interest manifest everywhere in better seed. We find encouragement in our own work because it pays in dollars and cents, and in the satisfaction we have in seeing our efforts rewarded. There certainly can be no more interesting nor profitable piece of work for any farmer than bringing a small or large field to a high state of fertility and cultivation; collecting the ten or more best ears of corn of his favorite variety, planting each ear in a row, cultivating it carefully, and husking out each row in the fall and laying it beside its neighbor. If he keeps the butt of the ears planted, or a few rows on each cob, he will soon want to see the ear that produced this or that row.

There is a real pleasure in carrying on such an operation, and it is selfish to see only the money gain in it. The farmer who cannot enjoy such work needs a tonic, such as attending farmers' institutes.

The first essential of a corn breeder is to be interested in the work. If he is interested he wants to know why, and soon learns how. His success will depend largely upon the interest and intelligence he puts into the work.

He must decide on a suitable variety and one adapted to his locality, and stay with it, and learn its peculiarities, its traits, of atavism, etc. His farm must be suitable to growing corn, in a rather high state of fertility, and must, by proper rotation, and manuring be so maintained. He must see to it that the land is kept free from corn enemies; wire worms, cut worms, bill bugs, corn ear worms, corn lice, corn aphids, etc. The presence of any of these, or weeds, is evidence of faulty management.

There must be an understanding of soil physics to the extent of being able to bring into action the forces which cause germination and promote a strong growth. Moisture, heat, air and a vital seed must be brought together in proper relation. The seed must be known to be vital. The vitality of the seed to be planted cannot be determined except by inference, but if six grains from different parts of an ear of corn germinates strong and vigorous, we can safely infer that the other eight or nine hundred will do likewise. If there is the least of a doubt as to

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germinability of the seed, it is imperative that six grains out of every ear be tested. It takes only a dozen ears to plant an acre. If one is bad, it means the loss of five to ten bushels of corn to one acre. The poor stand is frequently not noticed, and while a missing hill occasionally may not materially reduce the yield, it cannot be hoped that it will add anything to it.

The seed-bed must be in the proper condition for allowing the planter to properly distribute the seed and bring the elements of germination, moisture, heat and air to the seed. The seed-bed must also contain the elements of fertility required, and in their proper proportion. It must also not contain any of the corn enemies. While the preparation of the seed-bed is a process of cultivation, we usually speak of cultivation as that part of the process which follows the planting. There are various methods of cultivation, and all have their advocates, or we would not know of them. However, they must all accomplish the same end. They must keep the soil in the proper condition to promote the growth of the plant. There can be no hard and fast rules laid down and followed. The weather conditions are so uncertain and erratic that each day may call for a change. But the object of cultivation must be kept in mind. Corn will not grow in a hard packed, weedy field, hence cultivation must prevent the occurrence of these conditions. Corn shows its maturity by the blades drying up, and as it is not matured until they do dry up, cultivation should be continued until such a time. The sound, rounded out premium ears come from the plot that was cultivated continuously and late. Corn that is gathered or cut up before the stalk is practically dry does not have the soundness that it would if allowed to remain on the stalk.

Corn gathered for seed may not be thoroughly dry, and usually is not, and should be put away in shallow, well ventilated bins.

There is usually a rush at gathering time, and it is not necessary to make any very careful selection at husking. This can be done at any time during the winter. The breeder should plant the very best corn he has from his seed plot or ear-to-row plot, or whatever method he uses. This should be gone over carefully, and graded and regraded, and prepared for planting.

The corn to be sold for seed must also be very carefully handled. It should be carefully sorted into two or three grades, and charged for accordingly. Great care must be taken for if only a few bad grains go in a sack the purchaser may and doubtless will see them, as he will examine the corn closely, having paid the enormous price of \$2.00 per bushel for it, or 25 cents per acre for his seed.

The crated ears should be carefully examined for damaged seed. Often an ear may at first glance look sound, but be badly spoiled on the cob. A safe method is to take a few grains from each end and get a good look at the cob. The same test for vitality must be applied to the corn sold for seed, as to that which you plant in your own fields. Finding a market for good seed should not be a difficult matter. There are many farmers who will buy seed because they haven't the time or inclination to grow it.—J. G. Haney, President Kansas Corn Breeders' Association.

#### Remedy for Burns.

I have often heard women say that they can never go near the kitchen stove without getting burned, and no doubt some of us, if not all of us, have suffered many big as well as little burns and scalds for the want of some simple remedy. Of course we all know that bicarbonate of soda is one of the simplest remedies, but even that does not give immediate relief. Kerosene is the easiest remedy to procure and is always handy in the kitchen, saving steps to the medicine chest and when one is in a hurry, and experience has shown it is the most efficient. Cover the burn or scald with the kerosene and repeat until the burning sensation is gone. I have never known any tenderness or soreness to follow, any trace of the burn to be left wherever kerosene had been used.—"Pictorial Review."



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A fire can wipe out in an hour what it may have taken a life-time to build.

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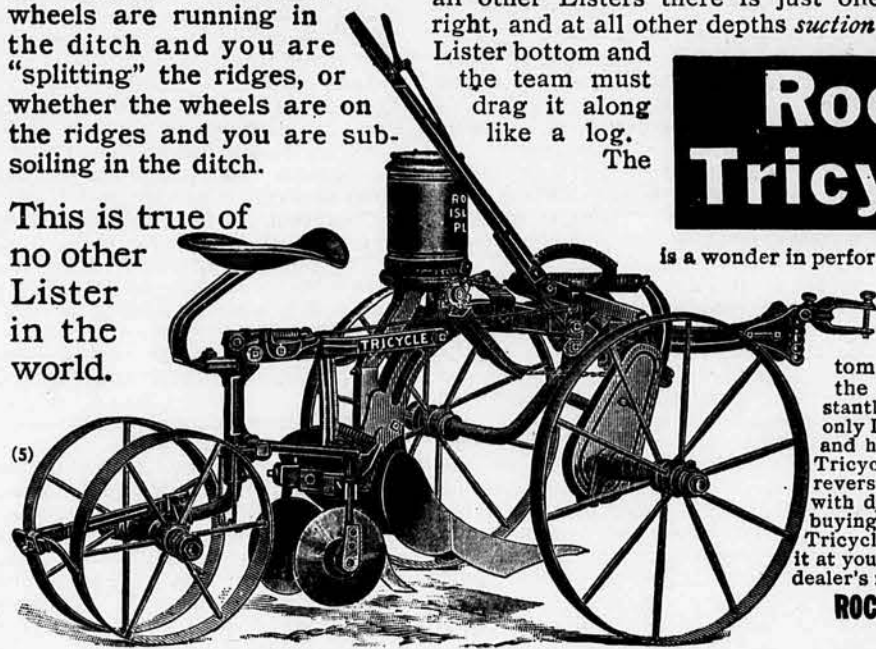
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## Rock Island Tricycle Lister

is a wonder in performance. It is frameless, but strong as a walking plow. It pulls easy and will stand all sorts of hard usage. No pole to worry the horses. Can be turned either way at end of furrows with bottom at full depth. Seed can be in front of the operator so that the drop can be constantly watched. No excuse for a bad stand. The only Lister that a boy can operate. Set it for depth and he will do as well as you. The Rock Island Tricycle Lister can be supplied with double-pointed reversible shovels with break pins or disc covers with dust-proof bearings as desired. Don't think of buying any kind of Lister until you have seen the Tricycle. You will wrong yourself if you do. See it at your dealers—or write for catalog and nearest dealer's name.

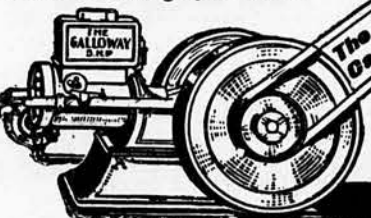
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Kansas City, Mo.



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## WESTERN CANADA

What J. J. Hill, the Great Railroad Magnate, Says About Its Wheat-Producing Power:

"The greatest need of this country (United States) in another generation or two will be the providing of homes for its people and producing sufficient for them. The days of our prominence as a wheat exporting country are gone. Canada is to be the great wheat country." J. J. HILL.

This great railroad magnate is taking advantage of the situation by extensive railway building to the wheat fields of Western Canada. Upwards of 125 Million Bushels of Wheat were harvested in 1909, and the average of the three provinces of Alberta, Saskatchewan and Manitoba will be upwards of 25 bu. per acre. Free homesteads of 160 acres, and adjoining pre-emption of 160 acres (at \$3 per acre), are to be had in the choicest districts. Schools convenient, climate excellent, soil the very best, railways close at hand, building lumber cheap, fuel easy to get and reasonable in price, water easily procured, mixed farming a success. Write as to best place for settlement, settlers' low railway rates, descriptive illustrated "Last Best West" to Sup't of Immigration, Ottawa, Canada, or to the Canadian Government Agent, J. E. CRAWFORD, 25 W. 9th St., Kansas City, Mo.



# HOME CIRCLE



**A Forgetful Father.**  
Sometimes, when I go whoopin' round and get the house upset, Ma says I'm worse than anyone she ever heard of yet. She scolds because I get the rugs all twisted on the floor, and when I don't hang up my clo's, why then she scolds some more; But Pa says: "Pshaw! Now what's the use of always frettin' so? It only shows he's full of life; boys will be boys, you know."

When other boys pitch into me and try to smash my face, If I fight back Ma always says she's covered with disgrace. She thinks I ought to hurry home and be a afraid cat, So she can go and tell their ma's an let it go at that. But when Pa finds it out, it seems to fill his heart with joy: "You must remember, Ma," he says, "you've never been a boy."

Ma thinks I mustn't climb or slide or hardly speak out loud, If I'd act like a little girl I guess that she'd be proud; She had a nervous breakdown once—or pretty near, at least.— Because I took some powder which was "good for" man and beast. "Oh pshaw!" said Pa, when he was told, "why fret about such things! I'd hate to think a boy or mine was fit for angels' wings."

The other day, when I was in the bathroom all alone, I got Pa's razor out and tried to whet it on the hone. "Boys will be boys, you know," Ma said, when Pa was chasin' me. "Don't be disturbed; it indicates he's full of life, you see." I wish she hadn't said it, though; it only made him fret And quit remembering, and so I guess I got it in my head yet.

—E. B. Kiser, in February Harper's.

## Don't Scold.

All scolding comes under this head of casting a gloom and prolonging it. As soon as the child is released from the infliction of the fretful tongue, he is likely to go outside, and sing at his play, says Zelia Walters in Farm and Home. That to some mothers seems to indicate a lack of attention and feeling that is inexcusable. In truth it is simply a protest and protection against the wrong method that has been employed to check the fault.

When the child needs punishment, it should be given as closely following the offense as is consistent with cool and clear judgment. This does not mean that you should descend upon him like an avalanche of vengeance. The punishment should come after both parent and child have had a chance to think and speak quietly. But when the punishment does take place it should be brief, and then done with. The child should be forgiven, and the whole matter closed in the book of the past. The younger the child the briefer the punishment should be. To put a tiny child to bed, or in other imprisonment for a whole day, is a cruel punishment. The little body should not be denied its natural activities for so long.

Our laws provide that a person cannot be put in jeopardy twice for the same offense, but often parents who mean to do the best thing for the children ignore the principle of this wise law in their daily dealings. Let the child practiced this wholesome art of forgetting. Be glad that he can laugh and sing quickly after the storm, and if you are wise you will take a lesson from him, and try to learn a little of that art of forgetting for yourself.

## Helpful Things to Remember.

A mustard-plaster mixed with the white of an egg will not scar or blister.

To keep steel knives bright: A small bag of quicklime put away among steel articles will prevent rusting.

To prevent citrons, raisins, currants, etc., from sinking to the bottom of your cake, warm them in the oven before adding them to the batter.

To keep silver bright, occasionally soak it several hours in strong borax-water at boiling point, after which rub with a chamois cloth. It will brighten like new.

To prevent a musty tea-pot: When putting away the best tea-pot, drop a lump of sugar into it after it is well dried. This will prevent its smelling musty.

To keep the stove clean: A stove rubbed with a soft cloth and a few drops of turpentine will keep it black, and without polish; substances spilled on a stove treated in this manner can easily be removed with soap and water.

To remove a close-fitting can of baking-powder, shoe-polish, etc., place the can on its side on the floor with a piece of paper under it and, stepping on the cover, roll it back and forth under the foot. This will cause the cover to drop off with very little trouble.

If something has been burned in a granite utensil, put in sufficient wood ashes to cover, fill with soft water and set where it will keep moderately warm for an hour or so. When this is poured out the burned particles will come with it.

A pretty centerpiece can be had by taking three or four small carrots and placing them in rather a deep saucer and covering with earth. Place them in the same position as when grown, the small end down. They will soon start growing and the foliage will rival a fern in beauty, and is lots easier to care for.

Cut two pieces of cloth (cretonne preferred) the length and depth of your dresser drawer. Stitch the two lengths together, also the sides, and hem the other two lengths. Then stitch across in three or four places, forming pockets. Tack this to the front of your dresser drawer, and you will find the pockets convenient for ribbons, handkerchiefs, and veils.

When picking a fowl, particularly if there are many pin-feathers, the work can be simplified fully half if the fowl is plunged in hot water for a few seconds and then wrapped in a piece of burlap and allowed to stand for three or four minutes. When picking, uncover only the portion being cleaned, so that the rest will remain warm and damp, and the feathers, great and small, can be stripped off in an amazingly short time.

## How Ruth Hid.

"Let's play hide-and-seek," said Ruth, from her little stool near the fire.

"Yes, let's," agreed Tom, jumping up.

It was a dismal stormy holiday. All the family were in the sitting room of the big house. There were papa, mamma, sister Mary, and big brother Ben.

"Let's all play hide-and-seek," said Ben, who was as much of a boy as ever, although he was as tall as papa. He threw down his paper. Mary was willing, but papa and mamma were not much interested until Ben explained his plan.

"Mamma will hide Ruth somewhere and we will all see if we can find her. We'll rule out the attic and the cellar. Any other place is fair."

"Yes, hide me!" cried little Ruth, joyfully, jumping up and down.

Then mamma put down her knitting and father closed his book. All except mamma and Ruth shut themselves in the laundry, where they were to stay until mamma called "Ready!"

As soon as they had gone, mamma thought very hard for a minute. Then she carefully took out the ornamented grating under the marble mantelpiece in the dining room. Ruth had always thought there was a fireplace back of it, but it was only a make-believe fireplace, for there was just space enough back of the grating for six-year-old Ruth to crawl in, with a little squeezing. Then mamma put back the grating. "Don't laugh or make any noise," cautioned mamma, and she called the seekers.

It was dreadfully hard for Ruth not to make any noise; she did want to laugh when they passed her many times. She heard Mary say that she had looked under all the pillows on the beds. Ben said he had even looked in the sugar barrel.

"I wonder where she can be?" said father, leaning up against the very mantelpiece under which Ruth was

hidden. "We've looked everywhere. She's too big to get in a drawer. I begin to think, mother, there must be a secret closet."

Ruth heard mother laugh. She put her wee handkerchief to her mouth. That time the giggle nearly got out.

"Has anyone looked under the clothes in the mending basket?" asked Ben.

Nobody had. They all went upstairs again.

Ruth felt rather cramped and drowsy. She heard them walking around in the nursery, then their voices seemed to grow farther away in the distance.

There was a scraping sound. Ruth felt herself moved. Then father's voice rang out,—

"I've found her!"

There was a rush on the stairs. Ben and Mary came in breathless, with Tom bringing up the rear.

Ruth sat up in father's arms and rubbed her eyes sleepily, as she looked from one to the other.

"Found what?" she asked. And then they all laughed.—Harriet B. Fenton, in "Little Folks."

## The Fireless Cooker.

It is far to be hoped that the time is not far distant when every over-worked housekeeper will fully appreciate the wonderful saving in strength, fuel and time which the Fireless Cooker makes possible. A farmer's wife who had tried one pronounced it the greatest help to women of the age, and once its merits are understood, no housekeeper in city or country can afford to be without one.

A great many persons who know nothing of the principle of so-called fireless cooking, smile incredulously when you mention the subject, but nothing could be simpler or more reasonable. The food to be cooked is put into a tightly-closed pail and brought to a boil on the flame or coal stove, and while still boiling is placed in the heavily insulated box, where the heat is so retained that the process of cooking is continued.

Aside from the economy and convenience of the fireless cooker, it is now recognized as the most perfect method of cooking soups, meats, cereals, dried beans and all articles of food which require long, slow cooking. Many of these may be prepared overnight or the dinner may be started to boil while breakfast is cooking and then transferred to the fireless cooker, to be taken up " piping hot and done to a turn " at the proper time.

Anna Barrows, lecturer at the Teachers' College, Columbia University and at Simmons College, in her work on the Principles of Cookery, summarizes the advantage of the Fireless Cooker as follows:

"The cost of fuel can be reduced four-fifths or even nine-tenths.

"The pots are not made difficult to wash; they are not blackened, and they will last for an almost indefinite period of time.

"The food is better cooked, more tasty, more nutritious and more digestible.

"The kitchen odors are obviated.

"Time and labor saved.

"The cares of the housewife lessened, and her health and happiness are protected.

"The kitchen need not be in disorder half of the day.

"Warm water can always be had when there is illness in the house and during the summer when fires are not kept up.

"Where workmen's families live crowded in one or two rooms, the additional suffering caused by kitchen heat is obviated, for the preliminary cooking can all be done in the cool of the morning."—Ex.

## Recipe for Canning Beef.

The following is given in an exchange as an excellent recipe for preserving beef:

Take fresh beef, cut it off the bones, then take half-gallon fruit jars that are fresh and clean, with lids and rubbers (old ones will do). Cut the meat in strips small enough to put into these jars and salt and pepper them enough to season. Fill the jars full of meat, put on rubbers and lids and screw part way down. Leave it loose enough so the steam can escape. I leave about a turn and a half from tight. Put the boiler on the stove with bottom covered inside with boards, set jars in and fill with cold water until it reaches the rubbers and bring to a boil and continue

hard boiling for four hours. As the water boils away, refill with boiling water to keep the water all up to the rubbers.

When time is up, take out jars, wipe clean and put on new rubbers and lids and screw down tight.

Place in a cool cellar and it will keep all summer if not eaten before.

To prepare for table: Take enough out for a meal and put in little water (a pint to a half gallon of meat), place on stove and heat hot. It is ready to eat. It is also good cold or rounded in flour and fried like steak.

## Household Helps.

The following helps which appeared in the January Good Housekeeping, will be found helpful to many farmers' wives:

In cold weather put the clothespins in a pan and set them in the oven until they are hot. Then one's fingers will not suffer with the cold when hanging out the washing, especially if the clothes are rinsed in warm water the last time.

We happened to put buttermilk temporarily in our Boston bean pot, which, through much using, had acquired a dark brown tint inside. To our surprise, when the buttermilk was gone, so was the discoloration, and our bean pot had regained its pristine whiteness.

Pictures hung by a single wire have an annoying way of getting uneven, on account of the slipping of the wire on the picture hook. This can sometimes be avoided by hanging the picture face to the wall, then turning it around. The single turn this makes in the wire near the hook prevents slipping.

My iron cleaner having been misplaced, I snatched up a piece of wire window screen and ran the iron perfectly. The dust from its surface ing effect. The iron was cleaned perfectly. The dust from its surface fell through the meshes of the screen, instead of being ground between the iron and the cleaner, as it is when sandpaper is used.

Here is a delightful plan by which the German mothers encourage their little girls to knit. The wool is wound into a large ball called a wonder ball because it contains many little gifts hidden therein by the mother's fingers as she winds the worsted. As the gift at the center of the ball will be found last that is usually the best and might be a little gold ring, or any bit of child's jewelry. At another time the little knitter finds a silver coin and again something for her dolly. A silver thimble gives great delight. The method stimulates perseverance and lessens the drudgery of learning to knit.

## Cranberry Pudding.

Make a batter with one-half cupful of butter and one cupful of sugar creamed together, one cupful of milk added gradually and three cupfuls of flour in which have been sifted three teaspoonfuls of baking powder and one-fourth of a teaspoonful of salt. Lastly stir in two well-beaten eggs and two cupfuls of dry cranberries dredged with flour. Turn into a buttered mold and steam, covered closely, for two hours. Serve hot with a sweet lemon sauce or with the syrup drained from preserved cherries and heated.

## Chicken Pot Pie.

Prepare a large chicken. Cut it into small pieces as the joints allow. Do not remove the meat from the bones. Boil the chicken until nearly tender and keep the broth left in the kettle when you remove the chicken from it. Cut a pound of lean, raw ham into small squares. Wash and peel and parboil eight large potatoes and slice them. Slice three medium-sized onions. Put into a deep baking dish a layer of chicken, a layer of ham, a layer of potatoes, a layer of onions. Repeat the succession of layers until the material is used; when arranging these layers strew bits of butter over them. Pour the chicken broth over the layers, well seasoned with salt and pepper. Add enough water to almost fill the pot. Bake the hot pot an hour and a half. Be sure plenty of water is in the pot while the baking is in progress. Serve with a small slice of toast on each plate.

The recipes given below were gleaned from an Illinois Housewives' Club and were given in the January Delineator.



# LISTEN!—"How Can I Make More Money on My Farm?"

That's just the question which confronts you now  
The Question is: How Can It Be Done?  
An intelligent answer to that question is worth real money to you

## I'll Answer that Question and I Won't Charge You a Cent For It, Either

HERE is the farmer's road to bigger profits—this year and every year. The illustrations speak volumes for themselves. But look at the PROOF—and I've got even better than that for you. Corn—corn and more of it means cash. Cash and more of it—as much as a quarter more of it in profits if you'll take the experience of thousands of farmers who are writing me like the letters below—the first PROOF. With Corn—or any kind of grain, or crop; no matter where you live, or what your farm is like, it's the same story, if you'll take the

advice of the most successful farmers in the country today. Take their advice—I don't ask you to take mine alone. Here is my share—what I'll do for you. Here's the second PROOF—I'll give you 12 months to prove out these facts if you'll write me a postal. You can start at once at my risk for 30 days. But I'll first prove to you, by hundreds of letters like these below, just what you can start and do right now to make the most money on your farm this year—for 12 months from now and on into 1911 and year after year if you'll do it.



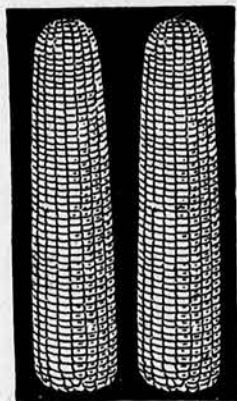
*Wm. Galloway*  
President  
The Farmer's Manufacturer

### The Difference Between Manured and Unmanured



1. Big Bumper Corn—25 more bushels per acre. Figure it up 50 cents a bushel and see how quickly you pay for a Galloway Spreader and how much you'll make besides.

2. This stalk is only 3/4 size. In a corn field where a Galloway is used you can go out and see the mark (by bigger corn) left where the spreading stopped.



3. Here are the kind of champion ears grown on Galloway Manure-Spread Land. It's just as much a waste of money to leave your manure in a pile as to throw your crop away.

4. I am Telling a Million Farmers About This and I'm Going to Prove It to Them—and to You.

### My New Clincher Proposition To You

Here is how to make the extra money. First. Get your name in to me. Don't wait until tomorrow. Do it even before you start out to do your chores. Second. Pick out from my Big Galloway Manure Spreader Catalog, which I'll send you free, any spreader you want out of my big line of five different styles and sizes including my Complete Steel Truck Spreader. Third. Here is the new part—and I repeat it again in full. If at the end of twelve months after you order a spreader, it isn't a paying investment to you, I will pay you back your money and you send me back my spreader. How's that for a proposition? Could I do it if I didn't have the spreader and knew what I was talking about? No—never in the world. Could I keep on advertising and selling these spreaders by the thousands if they were not head and shoulders better than anything else? Ask the editor of this paper what he found out. There are just two things I want to impress on

you. If you do these things I can make you money! First, get that postal card in to me, and then, second, prove for yourself that the Galloway Spreader is the best spreader ever made by human genius. Forty thousand farmers have already stamped their O. K. on it. That ought to be proof enough.

The concern, whether manufacturer, mail order house, agent or dealer, who says anything contrary to the merits of the Galloway Spreader, are either ignorant and don't know what they are talking about or are deliberately lying and misrepresenting our goods. Whose word would you rather take? The word of forty thousand farmers who have tried my machine or the word of some dealer or agent, who will simply say anything that comes into his mind, because I stand between him and a profit of from \$25 to \$30?

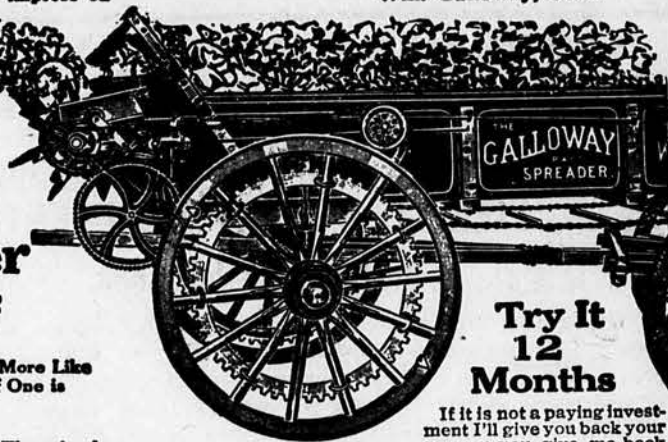
Send postal today and get my new, personally signed proposition.

Wm. Galloway, Pres.

### Further Proof

Have in My Office Thousands More Like These. \$1,000 in Cash Paid if One is not Genuine

I Have Never Met Any of These Men, They simply Saw My Advertisement and Ordered



Try It 12 Months

If it is not a paying investment I'll give you back your money; you give me back my spreader.

#### How Does It Compare With \$125 Spreaders?

Hans M. Johnson, Parkston, Minn. "I would not trade my Galloway for any \$125 spreader I have ever seen."  
Garret Mathias, Mathias, W. Va. "It's worth two of the—"  
Dewey Hicks, El Reno, Okla. "Have used a—A \$125 machine. Couldn't think of changing even."  
C. C. Johnson, Morrison, Mo. "The—Isn't in it with the Galloway."

G. A. Entz, Newton, Kans. "It spreads evenly any kind of manure with two horses as good as any \$125 spreader with four."  
Ewaldt Redman, Wanatah, Ind. "Your spreader certainly proved what you said. We tried a—spreader last spring. Couldn't do anything with it. It cut down eight inches and three horses couldn't pull it."

J. A. Gilmore, Waterloo, Ill. "Used it this winter when others couldn't use their spreaders."  
Theo. Manke, Lawrence, Nebr. "I can haul as much manure with it as any \$125 spreader."

#### Does It Come Up to All Our Claims?

John J. Houtz, Merwin, Mo. "Used hardest kind of feed lot manure. Tried best to break or clog it by overloading and placing load to disadvantage of spreader. Found it did work as represented. My entire satisfaction. Hauled 265 loads without breakage or trouble."  
J. V. Bradley, Rockville, Mo. "Found it exactly as represented."

A. C. Courtney, Ackerman, Kans. "Will do all that Wm. Galloway says and more. Would not purchase any other kind."  
Herman Walker, Avon, S. D. "You can't recommend it too high. It is all you say it is in catalog."

James Munro, Patterson, N. D. "The minute I saw your machine work I knew it was all and even a great deal more than you claim for it. Neighbors who have seen it claim it is the best they ever saw. Force feed simply immense. Leaves like clean bottom."

Peter Boysen, Schleswig, Iowa. "Got my horses on a trot. Slammed it in gear. Failed to break machine. Test enough for me. Would not trade mine for any other make for three reasons. 1st. Cost only half. 2d. Get strong set of running gears at low price and still save \$20 on whole outfit. 3d. Can use spreader with two horses and use running gears whenever desired."

#### Is It a Money Maker?

W. H. Cress, Spaulding, Iowa. "Best investment in farm machinery I ever made."  
M. B. Sparlin, Seneca, Mo. "Spreader all right. Would not sell it for ten times what it cost if I could not get another."

J. A. Hush, McCune, Kans. "Hauled 100 loads last winter. My hay made double. Think it will pay if you don't have but 50 loads to haul out a year. Can't beat Galloway for good work and wear. Price is right."

J. W. Carter, Amite, La. "By using spreader you do more work, haul more loads and increase value of manure three-fold. On my 140 loads saved \$140 in labor and increased value over hand spreading."  
D. M. Miller, Warrensburg, Mo. "Would not give it for all commercial fertilizers you can scratch up. It works to a T. Draft is light. Fits any wagon. Will pay for itself in one year."

J. B. Baker, Rushville, Nebr. "Potatoes top dressed. Made nearly 25 bu. to the acre more than those not top dressed."

S. J. Woodring, Chester, Okla. "Have \$1000 worth of machinery. Your spreader is best tool on the place."

#### How Does It Work?

Ralph Hovis, Clintonville, Pa. "Was agreeably surprised with the thoroughness with which it did its work."  
John Kasmer, Shawnee, Okla. "It is a master in its line of work."

E. Dolle, Jr., Seguin, Texas. "Have spread wet and dry, rotten millet and corn stalk manure. Works fine."  
F. J. Duffy, East Grand Forks, Minn. "Loaded spreader twelve inches above box with toughest manure could find. It hauled the work."

Levi V. Beyer, Maudsall, Pa. "Best machine I ever saw work."  
G. A. Entz, Newton, Kans. "It is O. K. all around and a machine for any kind of farmer, for the large or small."

H. Gutherson, Gladbrook, Iowa. "Works fine. Spreads all kinds of manure better than any spreader I ever saw. So simple, nothing to get out of repair as compared with other spreaders."

Ernest Nelson, Chanute, Kans. "Could not do any better. Surprised at the way it does its work and easy draft. Neighbors think best ever seen."

R. A. Jongwoord, Litchville, N. D. "Complete success. Several advantages over other spreaders. Can be loaded in barn. Two horses handle it with ease. Boy can operate it with ease."  
G. B. Clary, Fairbury, Neb. "Works as well as the owners represented it and more. Least expensive spreader I know of."

#### Is It Light Draft?

T. F. Stice, Oswego, Kans. "Often pull it with my small buggy team. Does good work. Have always used the—before, Galloway much the best. If going to buy a dozen more they would all be Galloways."

C. Carlson, Haddon, Kans. "Loads handier than big four horse machine. All I need is plug team and 16 year old boy."  
J. W. Ramsdell, Sandusky, Ohio. "My two horses of 1100 lbs. that play to run the Galloway, while other manure spreaders make three or four horses pull hard."

W. K. Neely, Wayne, Nebr. "A success in every way. Used different spreaders. Like wagon box best. Lighter draft, can haul with two horses. Put it on any old wagon."

#### Does It Need Many Repairs?

Fred J. Bowen, Longford, Kans. "It has never cost cent for repairs or minute's trouble. Hauled all kinds of manure."  
Edward Anderson, Niagara, N. Dak. "Not given me a bit of trouble. Hauled out 300 loads."

James W. Anderson, Leonardville, Kans. "There is nothing to get of place or wear out."  
John J. Houtz, Merwin, Mo. "Tried my best to break or clog it by overloading. It did the work as represented."

W. W. Banfield, Paradise, Kans. "There does not seem to be anything to wear out about it. Have not been out 5cts. for breakage."  
T. J. Otian, Loyaltown, S. Dak. "Used it two years. Never broke a nickel's worth."

## The Farmers of America Are With Me on This I Can and I Will

I've Set My Stakes for 30,000 Galloway Spreaders This Year. I've Got the Factory that Can Make Them—and It Shall. I Can Sell Them if I Make the Price—and I Am Doing It. My Price is Based on this Quantity.

My price direct to your station—freight prepaid on 30 Days' Free Trial and 12 Months' Approval Test is doing the business. Here are facts about the Galloway which is the only successful Wagon-Box Endless-Apron Force-Feed Manure Spreader ever made. Beware of imitations.

My new, wonderful roller feed is the greatest ever contrived by human genius. Made of 15 pounds bull metal malleable. Can't wear out. We do with it what others try to do with 250-lb. cogs and gears. Read proof above.

#### Read These Boiled-Down Facts to Remember About the Galloway

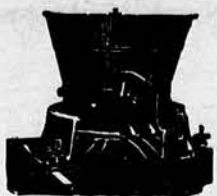
—Saves you 50% on the price—Lowest price ever made on a first-class spreader—Fits any truck

regardless of make—Don't break up two teams—Takes only two horses—Thirty days' free trial, you alone to be the judge—Then twelve months' approval test to prove that it's a money-maker—\$25,000 guarantee—I prepay all freight charges to you—Works up and down hill—On side hills—Winter or summer—In snow, ice, rain and mud—Only endless-apron force-feed ever made which alone is worth \$25.00 and found only on a Galloway—Easy to get through your barn doors and around your yard—Eleven different patents—Made in five different styles and sizes, including the Complete 70-bu. Steel Truck Spreader—So simple repairs are almost eliminated—Has the O. K. of forty thousand American farmers.

Then consider these facts and the PROOF and you'll send me your name on a postal for my New Clincher Proposition and Big New Galloway Spreader Book—Write today.

**Wm. Galloway Company of America (Authorized Capital \$3,500,000.00)**  
389 Galloway Station, Waterloo, Iowa





**Anti-Friction 4-Burr Mills Double the Capacity of Geared Mills.**  
Two-horse mill has 24 ft. grinding burrs, (two set) all grinding at once, and grinds from 25 to 50 bu. per hour. Four-horse mill grinds from 60 to 80 bu. per hour. — \$3,000 Bu. WITH ONE SET OF BURRS: I have ground with one set of burrs more than 20,000 bushels of corn with my Mogul No. 1 mill and the burrs are still in good condition.—F. F. Craig, Mt. Carroll, Ill.  
Two complete mills in one, has double the capacity and double the durability. ABSOLUTELY NO FRICTION OR GEARING. Will earn cost price in three days. The largest ears of corn to these mills are like popcorn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our FAMOUS IOWA NO. 2 for \$12.50. Send for our free Catalog.  
Bovee Grinder & Furnace Works, 118-8th St., Waterloo, Iowa.

## 1910 Will Lead For High Priced Pork.

**DIETRICH & SPAULDING and A. L. ALBRIGHT**  
**Will Sell JAN. 22, at OTTAWA, KAN.**  
**50 - POLAND CHINA SOWS - 50**  
**BRED FOR EARLY FARROW**

Four Meddler 2d sows—one by Regulator, two by Parnell, one by Cock-robin—all bred to Sportsman; one Mischief Maker sow bred to Parnell; one big Look—and three by Cyclone—bred to Sportsman; one by Voter, one by Impudence, one by Keep On bred to Sportsman. Several extra good sows in this offering sired by Parnell, Meddler 2d, Regulator, Cock-robin, Grand Perfection, Peerless Perfection 2d Impudence, Keep On, Voter, On the Plumb, Perfection E. L., Cate Special, Mischief Maker, Big Look, and Takewarning.

A. L. ALBRIGHT

Will consign one sow by Reflector, three by Voter all bred to Band Master; one Lady Tecumseh 2d by Silver Plate bred to Stand By; one by Parnell bred to Stand By. All are in first class condition.

Send for a catalog and arrange to attend this sale. It positively will be one of the best offerings of brood sows bred for early farrow to be sold this year. Remember the date, Jan. 22, 1910. Sale right in town at Ottawa sale pavilion.

**DIETRICH & SPAULDING AND A. L. ALBRIGHT**  
OTTAWA, KAN.

Auctioneer, Col. Lafe Burger, Wellington, Kan.  
O. W. Devine, representing The Kansas Farmer.

## JUST WHILE THEY LAST

**FARMER'S ACCOUNT BOOK and**  
**FIVE YEAR DIARY OF EVENTS**

**An Indispensible Book.**

We have on hand about 100 Farmers' Account Books worth at least \$2.00. They are bound in leather and cloth, size 8½ by 14 inches and provide for a record of exact information of every item or transaction of importance on the farm for five years. It is properly indexed and so simple in arrangement that your boy or girl can keep the accounts.

We cannot take space to describe this book as it should be but we will pay back your money without word if you don't think it worth twice what we ask.

**HERE'S OUR OFFER.**

While they last we will send one of these books prepaid to any subscriber to Kansas Farmer who will send us \$2.00 for a renewal of his subscription for three years. Your money back if you are not satisfied. Mention this offer when you remit.

**Circulation Dept., Kansas Farmer, Topeka, Kan.**

## Duroc Jersey Bred

## Sow Sale

AT  
**WILLARD, KAN.,**  
**JANUARY 25, '10.**

30 extra good sows and gilts from the blood lines Ohio Chief, Dandy Orion, Young Orion, Tattarrax, Wonder Chief, Echo King, Sure Winner and Missouri Gold Finch. We will sell several spring boars sired by Tattarrax and out of such sows as College Girl. Send for a catalog and arrange to come to my sale. Send bids to O. W. Devine representing Kansas Farmer.

**R. B. MARSHALL, Willard, Kan.**

Auctioneers: Col. C. M. Crews, Topeka, Kan.; Col. O. H. Gethers, Maple Hill, Kan.

### Disking Alfalfa Land.

Editor KANSAS FARMER—"I see you established your valuable paper in 1863. I came to Jewell county in 1871 and still hold the fort. Last spring we had poor luck with the alfalfa as the water grass killed most of the new planting and some of the old. I intend to sow a field of wheat stubble next August to alfalfa. Now which do you think is the best plan, to plow the ground as soon as the wheat is cut or to double disk it? The land is clear of weeds."—Ben Kniken, Jewell county, Kansas.

This would depend upon the kind and condition of the soil. If your soil was plowed for wheat and you can fine the surface thoroughly with the disk you would probably be very successful by double disking. Alfalfa is a somewhat tender plant when young and its seed is small. For these reasons it is generally better to fine the surface enough to make a good seed-bed without disturbing the subsurface soil. In your locality the use of the stirring plow would probably mean that the subsurface would have to be firmed with a sub-surface packer or the evaporation might be too great in some classes of soil. Then too, there might be danger of heaving if the soil were too loose. It is sometimes true that one can learn much by carefully observing the best practices of his neighbors.

### What a Farm Horse Costs.

Counting the value of the feed at current prices and the cost of labor necessary it has been found that the actual cost of keeping a horse on the farm is not far from \$85 per year. This cost will vary with the location and from other considerations but will not be found very far wrong. The average working time of the farm horse is about 1,000 hours per year or something like an average of three hours per day the year round. During the balance of the time he is idle and "eating his head off." If the animal be a mare then the value of her colt would modify these figures materially but in either case the producing value of the average farm horse is comparatively small, when compared with the price and the cost of maintenance.

These facts have had their effect and many farmers have reduced the horsepower on their farms to such an extent that their teams must be over-worked during the cropping season. These facts have also had the effect of directing serious attention to the tractor engine for farm work and skillful inventors and machinists have worked long and hard to meet this new demand. The tractor engine is now perfected and has come to stay. It has the very decided merits of not costing anything for maintenance when it is not in use and of affording many horsepower in a concentrated and readily available form. During the long winter evening it might pay to study this problem of farm motive power.

### Seeding Alfalfa in the Spring.

Mr. Henry S. Jeffries, of Franklin county, states that thousands of acres of alfalfa were killed by floods last summer and, as this is the most valuable crop the farmer can raise, the question of getting this land back into alfalfa in the shortest possible time is an important one.

The Shawnee Alfalfa Club has found by experience that it does not pay to sow alfalfa in the spring because of the trouble experienced from crab grass and weeds. If these are allowed to grow they choke out the alfalfa and if they are mowed the hot sun is destructive to it. The members feel that they really gain time by sowing some spring crop like oats and, after harvest, thoroughly cultivating the ground and seeding to alfalfa about the middle of August. This gives the young plant time to grow large enough to be free from danger of winter killing and it kills the crab grass and weeds. Generally speaking the seed-bed should be put in the finest possible condition by deep plowing and thorough harrowing. Alfalfa seed is very small and the surface soil should be finely pulverized. The deep plowing admits air to the soil and fosters the development of the bacteria which are so necessary to the development of the alfalfa plant. This is, however, a matter that must be decided locally as a thin surface soil with a clay subsoil would not admit of deep plowing.

Should our correspondent decide to

## Better Farming

### A John Deere Book

### —Just Out

### A Farmer Can Get It Free

If interested in farming, get our FREE book called "BETTER FARMING." It tells all about—

Alfalfa	Making Hay
Dairying	Fighting Frost
Seed Wheat	Silos
Corn Crops	Cultivation
Stock Feeding	Cotton Crops
Art of Plowing	Soil Fertility
Boll Weevil	Gasoline Engines
Controlling Weeds	Adjusting Plows

### Hired Help Costs Big Money

Your land is high priced and hired help expensive. There is only one way to make big money—use implements that cut down the cost of your crops. Isn't it true that when you break something on a plow it is nearly always a cast part? Wherever strain comes on a John Deere Plow there you will find steel—tool steel. Take any plow that has had hard work for five years, put it along side of a John Deere which has been in service that long—and see the difference. Then there is no paint to cover up poor material. You can see the wear and the defects. The John Deere will be solid, staunch and ready for the hardest job. Then you begin to know that quality counts.

You can take pride in owning a John Deere—the standard plow of the world for two generations.



We will send you the 80-page, illustrated book free if you write and ask for

**Package No. 13**

Mention the package number sure, then you will get exactly the right stuff.

**DEERE & COMPANY, MOLINE, ILL.**

## NEBRASKA LAND

### 45 BUSHEL WHEAT LAND.

\$25 Per Acre.  
We own and control 20,000 acres of Cheyenne county, Nebraska's choicest farm land, now on the market. The heaviest crop yielding county in Nebraska for ten years, alfalfa also a leading crop. Agents for folders and full particulars. Agents wanted everywhere. Write for our proposition at once. Railroad fares refunded if things not as represented.

**FUNDINGSLAND & SEVERSON, Neb.**  
Sidney,

**ALFALFA FARMS, DUNDY COUNTY.**  
160 acres creek bottom, running water, rich soil; 100 acres will grow alfalfa, 6 mi. to town, house, cave, ice house, barn, sheds \$25.00 per acre.  
160 acre valley farm, black soil, 2 mi. Benkelman, new house, barn, sheds well, under fence, 80 acres will grow alfalfa. Irrigation ditch on land \$30.00 per acre.  
320 acres improved, divide farm. \$20.00 per acre.

**R. D. DRULINER, Neb.**  
Benkelman,

### IRRIGATED HOMESTEADS.

In the famous North Platte Valley, where Uncle Sam furnishes the water on ten years time without interest. Crops yield \$25 to \$100 per acre. Homesteads at from \$700 to \$3,500 according to improvements. Deeded land \$75 to \$100 per acre. Free rural mail delivery, telephones and all modern farm conveniences. These lands in splendid settlement of fine homes near town. For particulars write or see

**CARPENTER, PLUMMER & MURPHY, Morrill, Neb.**

### CHASE COUNTY, NEBRASKA.

Farms and Ranches for sale.  
Ranches from \$5 to \$12.50, good level farm land from \$15 to \$30 per acre, where wheat makes from 15 to 40 bushels per acre and corn from 20 to 50, hog cholera unknown, the undersigned has lived here 2 years and can prove the above statement to be facts. We have the lands for sale and automobiles with which to show it. All inquiries answered. Mention this paper and call on or address

**BONNER & JOHNSTON, Imperial, Neb.**

262½ acre farm, in Franklin Co., Neb., 3½ mi. from Bloomington Co. seat. About 200 acres choice bottom, alfalfa and corn land, 60 acres good pasture, fair improvements, fine spring, never falling water, from hill, 30 feet above level of house and barn and 45 feet above level of balance of farm land. One of the most ideal farms and best bargains to be found. Price only \$18,000. Choice 1280 a. ranch, well improved. Several quarter sections and larger and smaller farms that are bargains. For information see or write

**WM. ANDERSON, Franklin, Neb.**



**The FARMERS' GARDEN**  
A Seed Drill and Wheel Hoe is indispensable—not only in a village garden but on largest farms. Farmers should grow all manner of vegetables and "live on the fat of the land." Should provide succulent roots for Cattle, Swine, Poultry, and save high priced feed stuff. Great labor-saving tools of special value for the home as well as the market garden. Send for free book.

**SAVE HIRED HELP**  
Only One of Many Iron Age Tools The most complete tool made

**IRON AGE**

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## LEARN TO MOUNT Birds and Animals

We can teach you by mail at home during your spare hours to stuff and mount all kinds of birds, animals, game heads, etc. Also taxidermy and make rugs. Be your own taxidermist. Decorate your home with your beautiful trophies; become a professional taxidermist and earn big income. Quickly learned by men and women. Thousands of successful students. Write for Book "How to Learn to Mount Birds and Animals" sent absolutely FREE. E. W. School of Taxidermy, 3989 Elwood Bldg., Omaha, Neb.

## KANSAS LAND

### RANCH PROPOSITION.

1,760 acres smooth land, 9 1/2 miles Dighton, small improvements, 600 acres cultivated, a bargain at \$10.00 per acre; might give some terms.

Warren V. Young, Dighton, Lane Co., Kan.

### REPUBLIC COUNTY LAND.

Good farms of all sizes, good property in good thriving town. Stock of general merchandise for sale or trade. Good little farm of 64 a., 1 mile to town, some timber, living water, fine farm for men that don't want to farm much.

F. J. George, Wayne, Kan.

### BOURBON COUNTY FARM BARGAINS.

160 acres 4 miles north of Fort Scott, Kan., 65 acres in cultivation, 40 acres wild and tame meadow, 55 acres pasture, practically all tillable, good 5 room house, barn, abundance of water near school and R. F. D., telephone. Small orchard and grove. Price \$50 per acre. We have others. Write for list.

Murphy & Simpson, Fort Scott, Kan.

### LABETTE COUNTY FARM.

80 acre farm, 6 miles northeast of Coffeyville, Kansas, nice rolling land, very productive, 1/2 can be cultivated, balance in good mow land and pasture; fenced and cross fenced 1/2 mile to school, telephone and rural delivery. For further particulars write or call on

The Bowman Realty Co., Coffeyville, Kan.

### \$3,000 CASH.

Balance by owner, buys good 160 acre farm 3 miles from Arkansas City, Kan. 320 fine bottom farm at \$55 per acre. 160 all hog tight, good farm at \$50 per acre. 240, most all Walnut river bottom, don't overflow, fine farm, at \$60 per acre. Ask for our thirty page land list.

Wm. Godby Co., Arkansas City, Kan.

### SEDGWICK CO. FARM BARGAIN.

For Sale: 480 acre farm, level dark soil, 300 a. in cultivation, 180 a. in pasture. Good 11 room house, large barn 32x56 ft., also good tenant house and barn, close to good market town and 18 miles of Wichita. Price only \$24,000, \$8,000 cash will handle this, balance at 6 per cent interest 5 years. Beatty Realty Co., Op. P. O., Wichita, Kan.

### AN EXTRA FINE FARM.

240 acres, 1 1/2 miles from shipping station, 5 miles from good town, on R. F. D. and telephone, 140 acres under cultivation, 100 acres in pasture, land in extra fine condition. Large house, large cattle barn 40x52, large horse barn, 40x50, all new, fine young orchard, 2 acres of timber. Lots and all fenced in best condition. Price \$50 per acre. T. F. Collins, Harris, Kan.

### A BARGAIN.

228 a., 1 1/2 mi. to R. R. station, extra good farm, with good improvements, two houses, good barn and outbuildings, windmill and tank at barn 60 a. bluegrass bal. in cultivation, 18 a. alfalfa, 15 a. wheat, 10 mi. to Lawrence, 45 mi. to Kansas City. Good neighborhood. Price \$16,000, half cash; time on bal., 6 per cent. Write

Wm. M. Holliday, Baldwin, Kan.

### 15,000 ACRES FOR COLONIZATION.

15,000 acres, all prairie land, dark sandy loam soil, fine location, near Houston, suitable for farming or anything, corn, cotton, can, alfalfa, oranges and figs. Price \$10 per acre, terms given. Farms in Reno, Kingman, Sumner, Harper, Gray, Scott, Lane or any county, improved or unimproved.

Rose & Son, 5 Sherman, East, Hutchinson, Kan.

### SEED CORN.

Plant Young's Yellow Dent seed corn, the best on earth. Won Missouri's gold medal at National Corn Show, Omaha, 1908. Guaranteed 90 per cent germination under all conditions, or will fill order again free of charge. Price \$2 per bushel. Sample ears 50 cents each. Sample free. Choice Poland China fall pigs, \$25 each. One Jersey bull calf for sale.

Robt. I. Young, R. F. D. 5, St. Joseph, Mo.

### PRICED TOO CHEAP

at \$35.00 per acre, but the owner, who has rented it for a number of years, has moved to Wichita and cannot look after it; 160 acres in Cowley Co., 5 miles from R. R. town, good roads, 1 mile from inland town, with church and school; all smooth, level land without a rock or foot of waste; fenced and cross fenced; 80 acres in cultivation; 4 acres hog-lot, balance pasture, small orchard, fair improvements, telephone and R. F. D., alfalfa land, 8 to 20 feet to water. If you are looking for a good, cheap farm, don't let this get away. \$2,100 will handle.

Sharp Realty Co., Wichita, Kan.

sow in the spring it is best to get the plowing done as early as possible in order that the earth may have time to settle. If the land is plowed immediately before seeding it will probably be too loose to hold moisture near the surface where the small seeds must be. If the plowing can not be done early then the ground should be rolled with a subsurface packer or with a common roller followed by a disk harrow. As there is more moisture in the ground in the spring than in the fall the germination of the seed is assured with less care in the preparation of the seed-bed than is needed in the fall.

Seeding is generally done by broadcasting through the drill may be used and many prefer it. About 12 1/2 pounds of seed is found to be sufficient for one acre in this section, though some farmers use as high as 15 pounds. It is always best to test the seed before planting as this will give a good idea of how much seed is necessary. This testing is done by scattering seed on a damp, blotting paper placed on a dinner plate and another plate turned over it. Set in a warm place and when germination takes place a count will determine the percentage of good seeds; and this in turn will determine the amount to plant.

### Cement Watering Trough.

A watering trough is necessary on the farm, but one that leaks is unsightly and unsatisfactory in every way. If the trough is made of concrete, it is not only pleasing in appearance, but is practically indestructible, and if it is fitted with a float valve it requires no attention after it is built.

Watering troughs may be built of concrete with or without steel reinforcements. If used without the reinforcement the walls must be at least 50 per cent thicker than otherwise. A good size is to make the trough 10 feet long, 2 feet wide, and 2 feet deep with re-enforced walls about 5 inches thick. In building a water trough of this description the ground should be excavated about 12 inches deep and tamped if necessary. Then fill with coarse cinders or gravel and tamp thoroughly again. On this lay a bed of 6 inches of concrete mixed by using one part of cement, 3 parts of sand, and 6 parts of screened gravel or broken stone. This will answer for the foundation. Next place the wooden form in position and be ready to mix the concrete in sufficient quantity at one time so that the forms may be entirely filled before any portion of the cement becomes set. After placing about a 2 1/2 or 3 inch layer of concrete in the bottom of the form, the re-enforcing material which may be made of woven wire fence, should be placed in position and the concrete filled in around it. As the forms are filled the concrete should be tamped into position so that every air space will be filled. The tank proper should be made of concrete composed of 1 part of good cement, 1 1/2 parts of clean, coarse sand, and 3 parts of screened gravel or broken stone, all of which can be thoroughly mixed together before it is wet.

The concrete should stand in the forms from two to five days, according to the weather, the temperature, and the wetness of the concrete. After the concrete has set sufficiently, the forms may be removed and the inside surface thoroughly set and painted over with a mixture of pure cement, which has the consistency of cream. The outside can be smoothed down with a wood float or a brick after it has been wet and before it is permanently set, or it can be treated in the same manner as the inside if a nicer and smoother finish is desired.

After the trough is complete, it should be kept protected from the sun for about a week or ten days, during which time it will season and become ready for use. If an outlet or inlet pipe is to be built into the tank itself, the pipes for them should be placed in position in the wooden forms before they are filled with concrete. It is best always to have the overflow pipe very much larger than the supply pipe. This is only one of the many forms of concrete tanks that may be built, but any one of them is well worth the trouble because they are permanent structures and will never need any repairs with ordinary usage.

## OKLAHOMA LAND

### A RARE SNAP.

160 acres adjoining town, all in cultivation, good house, barn, granary, good orchard of all kinds of fruit, fenced and cross fenced. This is one of our best bargains. And if you are interested do not delay. (First come first served).

HUNTER REALTY COMPANY (Est. 1893).

Enid, Okla.

### "WE SELL THE EARTH."

Farmers grow wealthy in a short time in Custer and adjoining counties in Oklahoma, growing hogs, corn and alfalfa. Farms at from \$30 to \$50 per a. Write us for land list.

DULANY & RANDOL.

Clinton,

Oklahoma.

### FARMS IN THE FAMOUS WASHITA VALLEY.

110 acres fine river bottom. All in cultivation. A few nice pecan trees, no gumbo sandy loam. Produce 60 bushels of corn to the acre. Finest alfalfa land, barn, but no house. Incumbrance \$2,000; long time if sold quick. Price \$50.00 per acre. Write

GUARANTEE LAND & LOAN CO.

Wynnewood, Okla.

CORRESPOND with us about Garfield Co., lands. McCarty & Plumley, Enid, Okla.

FREE INFORMATION about Oklahoma. HOMER H. WILSON, here since 1893. Enid, Okla.

### OKLAHOMA FARMS.

Best county for corn, wheat, oats, alfalfa, and tame grass. 80 acres \$3,500. 160 acres fair improvements, \$4,000. Write for list of bargains.

VOGELE & WOOD, Newkirk, Okla.

### A CUSTER COUNTY BARGAIN.

160 acres, 2 miles R. R. station, 80 in cultivation, 65 fenced in pasture; fine water four room house. Price \$2,800; easy terms. Many other bargains. New list free.

HUGHES & SORTELL, Custer City, Oklahoma.

### KIOWA COUNTY, OKLAHOMA.

where corn, cotton, alfalfa, wheat and all other staples grow to perfection. Lands at reasonable prices, on liberal terms. Write for descriptions and full information.

"MESSENGER" LOAN & REALTY CO., Lone Wolf, Okla.

### CORN, OATS, WHEAT.

And alfalfa and all staple crops grow to perfection here in the garden of Oklahoma. Prices reasonable. Write for list and descriptive literature.

C. E. POCHET, Newkirk, Okla.

### CUSTER, KIOWA, WASHITA

and other western Oklahoma counties. Lands, from 40 to 640 acre tracts, at low prices, on liberal terms. Write for new list, sent free.

CUSTER INVESTMENT CO., Clinton, Okla.

### IMPROVED FARM.

180 acres, 160 in cultivation, good 9 room house, barn 45x65, tool shed and granary, 40x40, orchard, telephone, R. F. D., near school, 4 miles of county seat; price \$9,000. Write

J. T. RAGAN, Vinita, OKLA.

### EASTERN OKLAHOMA.

Improved farm, 160 acres, good new house. Half section of unimproved land. Very fine. Several other good bargains. Write me if you want to know about Eastern Oklahoma. T. C. BOWLING, Owner, Fryer Creek, Okla.

### 800 BUSHELS CORN GOES

with 310 acres of the very best land for stock and grain farm in Craig county, near Vinita, Oklahoma. 160 acres in cultivation; balance hay and pasture. Price \$25 per acre. For further particulars write

LEFORCE & BADGETT, Vinita, Oklahoma.

### WHEAT, OATS, ALFALFA, COTTON.

Good lands \$30 to \$40; produce big interest on capital invested. Well located near thriving and growing city. Prices and descriptions free. Correspondence answered in either German or English.

LONE WOLF REAL ESTATE & INVESTMENT CO., Lone Wolf, Okla.

### FOR SALE—160 acre valley land, 10

miles southwest of Vinita, Okla. This land is level, smooth, bottom land, and will grow anything. It is located just a few miles from the Chelso oil fields, and it is only a matter of time, when the land will be developed. Price \$40 per acre. Mullen & Brecker, Room 15, Turner Bldg., Wichita, Kansas.

### SALE.

We own and control over 50,000 acres of choice farm lands in Eastern Oklahoma. The garden spot of the new state, that will produce successfully corn, wheat, oats, timothy, clover and alfalfa. Low prices easy payments. Perfect titles. Few farms for trade. Agents wanted. Write

COMMONWEALTH LAND CO., Vinita, Oklahoma.

### CORN, ALFALFA, HOGS.

160 acres, alfalfa land, all fenced hog tight, 4 miles Arapaho 1/2 mile school, on R. F. D. & telephone line, 150 acres under plow, 25 acres alfalfa, nearly all valley land, 7 room house, large barn, outbuildings cistern, well and mill; price \$3,000.00. Terms. Other farms. List and map free.

J. FRED BURLINGAME, Arapaho, Okla.

## MEXICAN LAND

## LAND OPENING!

The beautiful Jaritas Valley in New Mexico is opening for settlement. 4000 acres of fine, smooth, IRRIGATED land; every acre within four miles of El Paso & Southwestern Railway. Deep, sandy soil; abundant water; fine climate, reasonable price; easy terms. Water for 1910 crop.

The Jaritas Valley lies close to the Colorado and Oklahoma State lines. Write today for FREE particulars, maps, rates, etc. to

THE JARITAS VALLEY LAND BOARD Midland Building, Kansas City, Mo.

## OKLAHOMA LAND

### TWO EXCEPTIONAL BARGAINS.

560 acres fine second bottom, above overflow, 3 mi. Wagoner, 175 acres cultivation, 25 acres good timber, balance good grass, all tillable and smooth, at \$35.00 per acre. Adjoins land sold at \$42.50.

160, 3 1/2 S. W. Wagoner, good new 5 room house, fair barn, nice young orchard, 80 acres cultivation, balance good hay meadow at \$35.00 per acre. Write for information.

W. H. LAWRENCE, The Land Man, Wagoner, Okla.

### "SNAPS" IN GRANT CO., OKLAHOMA.

320 a., 7 miles of R. R., 1 mile to school and store, 1/2 mile to church; 220 a. in cultivation, 1-3 of 100 a. wheat, 100 a. pasture, 3 room house, granary 12x24, good barn and water and mill, small orchard, good soil, all fenced, pasture rolling, farm land level. Price \$10,200 for 30 days; 1/2 cash.

Batten Realty Co., Medford, Okla.

### "THERE IS NO PLACE LIKE HOME."

You will understand the truthfulness of this more fully after you have come to Beckham Co., Okla., and purchased a home like the one here described. 160 acres, 8 miles from Texola, Okla., all tillable, 60 acres under cultivation. Soil a dark sandy loam, lies level. Fine soft water. Has some improvements, school across the road and on R. F. D. Land like this in old states worth \$75 to \$100 per acre. Quit renting poor land, and get you a home like this. Price \$2,500 on easy terms. Write for our catalog.

Texas Oklahoma Realty Co., Texola, Okla.

## Fine Second Bottom Farm

360 acres fine second bottom, practically all in cultivation; 3 miles from railroad town; three sets of buildings; telephone rural mail; school on one corner; this land will raise 75 bushels of corn, or a bale of cotton to the acre. Price \$55 per acre; terms on part.

R. B. Beard, Muskogee, Okla.

First State Bank.

## TEXAS LAND

Dalhart Texas is where we are located and we have some land bargains for the buyer. Write for our free, handsomely illustrated book or come to Dalhart and let us show you a country without a fault.

J. N. JOHNSON LAND COMPANY, Dalhart, Texas.

## Virginia Farms and Homes

FROM CATALOG OF SPLENDID BARGAINS. R. B. CHAFFIN & CO., Ind., Richmond, Va

## KANSAS LAND

### 44,000 ACRES

Just put on the market in Texas, close to the Simmons property, lays fine and a black sandy loam. We will sell the entire tract for \$10 per acre. A fine colonization proposition for some one who can handle this tract.

160 acres, 2 miles from a good town in McPherson county, Kansas, well improved, 100 acres under cultivation. Price \$5,500.

Fifteen quarters in Hodgeman county, fine for a ranch. Price \$7.50 per acre.

Chas. Peterson, 18 1/2 N. M. St., Hutchinson, Kan.

### TWO SPLENDID FARM BARGAINS.

400 acre farm in Red Willow county, Neb., 2 1/2 miles from McCook, good 8 room house, good barn and other good improvements; 160 acres choice valley alfalfa land, 55 acres now growing, 100 acres bottom and 40 acres upland, cultivated, balance pasture; well watered, some timber and abundance of choice fruit trees, bearing. Actual value of land over \$20,000, but belongs to non-resident, who will take \$16,000 if sold soon—only \$40 per acre. Act quick; don't miss this.

560 acres 12 miles from McCook, 7 miles from Troyer, Kan.; 400 acres choice smooth farm land, balance good pasture, half cultivated, slight improvements. A splendid bargain at \$16 per acre.

For other snaps in farm and ranch lands write or see

ACKERMAN & STEPIENS, McCook, Neb.

## COLORADO LAND

### Colorado Lands and Sunshine

If you are looking for a home, investment or health, where the climate is perfect, where there is best class of people, churches schools and no saloons, where there are thousands of acres of choice land coming under irrigation and selling very cheap, you will do well to write us for new printed matter on Morgan county, Colo. Address

THE B. W. JACKSON REALTY CO., Fort Morgan, Colo.



## KANSAS LAND

**EASTERN KANSAS** farms for sale. Write for list. Hitchcock & Wise, Baldwin, Kan.

**MARION, MORRIS AND DICKINSON** County, Kansas, lands. Bargains in improved farms at prices ranging from \$45 to \$30 per acre. Write for big list. T. C. Cook, Lost Springs, Kan.

**LIVE AGENT WANTED** in your locality to assist in selling corn, wheat and alfalfa land. We own thousands of acres in Pawnee and adjoining counties. Write us for a proposition on our own ranches. Fritzel & Ely, Larned, Kan.

**800 ACRE BARGAIN IN NESS COUNTY, KANSAS.**

Only 1 1/2 miles from Ness City, all in cultivation and will all be sown to wheat and 1-4 crop goes to purchaser. Price for a short time \$25 per acre. Look this up, a genuine bargain. Let us send you our land list. Kirberg & Miller, Ness City, Kan.

## REPUBLIC COUNTY LAND.

25 farms in this county for sale, ranging in price from \$50 to \$75 per acre. Choice corn, wheat and alfalfa land bargains. Write for information or call on J. G. Helwick, Belleville, Kan.

**200 ACRES IN Marshall County, Kan.,** three-fourths mile from town, 100 acres in second bottom land, 100 acres in cultivation, balance pasture. 7-room house, cellar, small barn, cattle shed, hog house, orchard, well and windmill. A bargain at \$90 per acre. Good terms. Summerfield Realty Co., Summerfield, Kan.

## FOR SALE TO PLAT.

55 acres adjoining Wichita City limits, that will sell for \$100 a lot; 8 2-3 lots to the acre. This will be \$875 per acre. We will sell it for \$125 per acre for the next 20 days and 2,000 acre well improved ranch in Meade Co., per acre, \$16.

J. F. Bellow & Co., 110 Main St., Wichita, Kansas.

## THE BEST TOWN TO LIVE IN.

If you would like to live in the most beautiful city in the West, with unsurpassed education, business and religious advantages, in a city clean, progressive, where real estate values are low, but steadily advancing, where living expenses are reasonable, a city with natural gas at lowest prices address the Secretary of the Commercial Club, Topeka, Kan.

**SCHUTTE & SHINEY**, the Rush county, Kan., real estate hustlers, 30 years in the same old place. Good farmers raised from 25 to 47 1/2 bushels of wheat per acre here last season. We can sell this land at from \$20 to \$35 per acre. Good improved ranch \$20 to \$35 per acre. Good farm land, at \$15 per acre. Good bottom land not over 5 miles from market at \$25 to \$35 per acre. Well improved and running water, plenty of timber, see us or write us at La Crosse, Kan.

## ARE YOU LOOKING FOR A HOME?

No farmer should think of buying a home before seeing a copy of THE FARM AND REAL ESTATE JOURNAL. It contains the largest list of farm lands, city property and stocks of goods of any paper published west of Chicago. It reaches 50,000 readers each issue, 85 per cent of whom are farmers. Every one who has any property they wish to advertise will find this journal one of the best advertising mediums published. Advertising rates 2c per word each insertion. Send 75c and we will mail you the Journal for one year, or for 10c in silver or stamps we will send it for two months on trial and stop it at the end of the two months unless you renew your subscription. Farm and Real Estate Journal, Traer, Ia.

## HELLO FARMERS!

Have you read my list of GREENWOOD CO. FARMS? The best corn, alfalfa, clover cattle and hog country in the west. Fine blue stem pastures. Write for list and prices to P. D. Stoughton, Madison, Kan.

## Sumner Co. Kansas Land for Sale

Wheat, oats, corn, alfalfa and hogs. All kinds of fruit and berries do fine. Abundance of water. Fine climate. Farmers get rich here; so will you. Prices \$30 and up. Write us, information free. List your stock of merchandise for exchange.

H. H. Stewart & Sons, Wellington, Kan.

## Buy Western Kansas Land.

Should you want to buy any Western Kansas land for speculation or for a home, don't fail to write me. I am selling land throughout all counties in Western Kansas. I am myself farming extensively on the kind of land I offer for sale. I can sell you land that will make you money. Write me at once for prices. Address Eugene Williams, Minneola, Kan.

## Every Man is Entitled to a Slice of This Good Old Earth.

Some Are Getting It; Some Are Not. Are you one that is not? You can get a slice from \$10 to \$20 per acre in fine wheat belt, where they have fine soil, fine climate and plenty of water if you will write TEED & ORBISON, Jetmore, Kan., for their list of farm lands. They have something good.

## EASTERN KANSAS FARM BARGAINS

160 acres Dickinson county, near Solomon, and Abilene, guaranteed perfectly smooth rich land, 7 room house, barn 28x48, 82 a. wheat, one-third to purchaser, \$12,000; 160 a. 17 miles Topeka, 5 mi. town, 40 a. clover, all in cult., good 6-room house, barn 48 by 60, extra fine farm, only \$9,000; 80 a. 11 mi. Topeka, 75 a. in cult., no waste land, new 5-room house, small barn, spring water \$5,000. Write for list stating what you want as we make specialty of selling farms worth the money. Wingett Land Co., Stormont Bldg., 109 West 6th, A. J. White, Farm Salesman.

## FIELD NOTES

## FIELD MEN.

O. W. Devine.....Topeka, Kan.  
Jesse R. Johnson.....Clay Center, Kan.  
J. W. Johnson.....Beloit, Kan.

## PURE BRED STOCK SALES.

Jan. 25, 1910—W. H. Rhodes, manager, fair grounds, Abilene, Kan.  
Feb. 8-9—Lakewood Percherons, H. G. McMillan & Sons, Sioux City, Iowa.  
Feb. 15—Whitewater Falls Percherons at Wichita, Kan., J. C. Robison, Towanda, Kan.  
March 9, 10—At Lincoln, Neb., O. P. Henderson Hebron, Neb.

## Draft Horses.

Feb. 1, 2, 3, 4—Percherons, Belgians, French Draft, Shires, Clydes, Trotters at Bloomington, Ill. C. W. Hurt, manager, Arrowsmith, Ill.

## Jacks and Jennets.

March 1, 2—L. M. Monsees & Son, Smith-ton, Mo.

## Jersey Cattle.

Feb. 15—O. P. Dovel, Auburn, Neb.

## Shorthorns.

Feb. 24—Glover & McGlynn, Grandview, Mo.

**HEREFORDS**  
March 1, 2, 3—Sunny Slope Herefords, C. A. Stannard, Emporia, Kan.

## Holstein-Friesians

Feb. 8, 10—Henry Glessman, Station B, Omaha, at South Omaha, Neb.

## Poland Chinas.

Jan. 19—H. O. Sheldon, Wichita, Kan.  
Jan. 20—Roy Johnston, South Mound, Kan.  
Jan. 21—H. B. Vanhooser, Eldon, Mo.  
Jan. 22—H. C. Dawson Sons, Endicott, Neb., at Topeka, Kan., State Fair Grounds.  
Jan. 23—Dietrich & Spaulding, Ottawa, Kan.  
Jan. 24—W. W. Martin, Anthony, Kan.  
Jan. 27—F. G. Nies & Son, Goddard, Kan., sale at Clearwater, Kan.

Feb. 5—J. H. Hamilton & Son, Guide Rock, Neb.

Feb. 7—J. F. Menehan, Burchard, Nebraska.

Feb. 8—D. A. Welfersberger, Lindsey, Neb.

Feb. 10—J. R. Sparks, Hunter, Okla.

Feb. 11—C. S. Nevius, Chiles, Kan.

Feb. 12—D. A. Welfersberger, Lindsey, Neb.

Feb. 13—George Wedd & Son, Spring Hill, Kan.

Feb. 15—C. H. Plicher, Glasco, Kan., at Concordia, Kan.

Feb. 16—B. M. Bell, Beattie, Kan.

Feb. 16—J. H. Harter, Westmoreland, Kan.

Feb. 16—J. D. Spangler, Sharon, Kan.

Feb. 18—Miller & Manderscheid, St. John, Kan.

Feb. 23—G. S. Hamaker, Pawnee City, Neb.

Feb. 24—C. W. Dingman, Clay Center, Kan.

Feb. 25—Chas. O. Parsons, Clearwater, Kan.

Feb. 25—Lee Gress, Nelson, Neb., and John Barnard, Angus, Neb., at Nelson, Neb.

## Durocs.

Jan. 24—W. L. Addy & Son Parnell, Mo.  
Jan. 27—Thompson Bros., Garrison, Kan.  
Jan. 31—J. E. Joines, Clyde, Kan.

Feb. 1—Pearl H. Pagett, Beloit, Kan., and R. G. Sollenburger, Woodston, Kan., at Beloit, Kan.

Feb. 2—E. M. Myers, Burr Oak, Kan.

Feb. 3—Rinehart & Slagle, Smith Center, Kan.

Feb. 8—Samuelson Bros., Manhattan, Kan.

Feb. 9—Samuelson Bros., Cleburne, Kan.

Feb. 10—Samuelson Bros., Blaine, Kan.

Feb. 17—Frank Elder, Green, Kan., sale at Clay Center, Kan.

The Chetopa Real Estate Company of Chetopa, Kan., have listed a 155 acre farm in The Neosho Valley. They offer this farm for only \$6,000 if taken in a very short time. See description on another page of this issue.

The 1910 catalog of the new Rambler has just been issued by Thomas B. Jeffery & Company. It contains, among other striking illustrations a beautiful color frontispiece of the new Rambler fifty-five, the leader of the Rambler line for 1910. The new Rambler is built in the largest automobile factory in the world and every part of the car is made under one roof. This factory has been in operation every single working day for the past ten years. Its location in the Middle West in a distinct advantage to buyers living west of Indiana as Rambler buyers frequently save freight by driving their cars overland. In this new catalog are described such distinctive Rambler features as the offset crank shaft, straight line drive, big wheels and three new expanding clutch and other which have given to the Rambler its advantage over other cars not so designed. A copy of it is sent to any who make request of Thomas B. Jeffery & Company, Kenosha, Wisconsin.

## The Ottawa Windmill.

The Ottawa Manufacturing Co., Ottawa, Kan., have been putting out an excellent style of windmills for a number of years and during this time they have made such improvements as their wide experience seemed to call for. Now they have one of the very best wind mills on the market and they manufacture it at a very reasonable price. They take special pride in the gears, which are the heart of any windmill, and make these so that they embody double strength, simplicity and durability. The wrist pin never gets loose and it is connected to the pitman by a simple and satisfactory method of their own. The governor works perfectly and throws the wheel out of the wind in a storm. The towers are put together in a new way which gives them added strength and durability. These windmills are sold under a strict guaranty and you can learn all about them by mentioning the Kansas Farmer and writing for their handsome new booklet which gives full description and illustrations of the 1910 model.

## Colossus 129077 Owned by B. M. Bell.

In publishing the cut of Colossus 129077 in connection with the announcement of the great H. C. Dawson & Sons Poland China sale at Topeka State Fair grounds on Saturday Jan. 22 an error was made in Kansas Farmer, Colossus has no Expansion 57691

blood in him but he was the sire by an Expansion sow of the litter that won the prize in 3 states in 1909 and was grand champion at Topeka. One of this litter will be in the Topeka sale. Colossus was sold to B. M. Bell, Beattie, Kan. for \$500 which was a ten strike for Mr. Bell as it is believed that he will nick perfectly with his magnificent sows.

The Safety Hatch Incubator is the first incubator heated by hot water that was ever made and sold in Kansas by Kansas men. In the years it has been on the market it has made many friends. It is built in the most substantial manner according to the policy adopted by the company at the start. It does not seem possible to claim that the 1910 style is better than former styles in view of the past satisfactory experiences that have been had by the patrons of the Safety Hatch Incubator, yet such is the fact. Their claim for excellence in the new model is backed up by the testimonials received from great numbers of satisfied customers and is based upon their improved lamp and boiler housing which retains the heat better and absolutely prevents any possible accident from fire. This is believed to be superior to anything else that has ever been offered in the line, and the company is willing to risk its reputation on this statement. Other improvements are seen in the improved all-copper tank and boiler, the new style doors, and the extra insulation. They advertise that money can buy no better machines than these, and their prices are lower than ever. Every machine is sold on a guarantee of satisfaction of your money all back. Their catalog is free for the asking if you mention Kansas Farmer and if you are not really thinking of buying an incubator now, this catalog may decide you to do so, and have the advantage of one more season's use than you would otherwise have. Kindly mention this paper and write to Clay Center Incubator Co., Clay Center, Kan., for their catalog.

## Concrete on the Farm.

The great fire at San Francisco taught a lesson in construction more emphatically than it has ever learned before. It showed that concrete construction, when properly reinforced, is the best building method that has ever yet been devised by man. All kinds of buildings were destroyed in San Francisco by the great fire following the earthquake, except those built of reinforced concrete. Experience teaches that the metal which is used in the reinforcement is not subject to rust or other deteriorations, and this, with the solidity and fire resisting properties of the concrete makes of it the best building material known. The uses of concrete are so many and varied and this material is so readily adaptable for all sorts of purposes that we take pleasure in giving herewith a table showing the proper mixture of the materials necessary for one cubic yard of concrete. This is taken from the very handsome book "Concrete Construction about the Home and on the Farm," published by the Atlas Portland Cement Company, 30 Broad St., New York City, and is intended to cover the various qualities of concrete necessary for different purposes. For instance the first one given is rich and is suitable for finishes, and for structures that must be water-tight. The last one is poor in cement and may be used for foundations and other rough work. The table is as follows:

Cement	Sand	Stone or Gravel	Blk. cement in 1 cubic yard	Blk. sand in 1 cubic yard	Blk. stone or gravel in 1 cubic yard
1	1 1/2	3	2.00	3.00	6.00
1	2	4	1.57	3.14	6.28
1	2 1/2	5	1.29	3.23	6.45
1	3	6	1.10	3.30	6.60

## Railroads Want 10,000 Men.

Only those who are thoroughly familiar with the matter can appreciate how great the demand exists today for competent men to fill the positions of railway brakemen and firemen and Electric motormen and Conductors, nor the fact that competent men in these line are always sure of their positions and make far more money than the average professional or business man. It is a fact, nevertheless. The cry of the railroads is for more men and better men—salaries are better, ranging from \$85 to \$185 per month and then with promotions there is almost no limit within reason to the salaries paid. It must be understood that the Railroads want those experienced in the requirements or their positions. They cannot intrust human lives and valuable freight to novices but it must not be thought that the only way to gain experience is to get a position with a road and work up from the bottom. The railroad long ago foresaw the necessity of providing for these wants and providing means to supply it. The Wenthe Railway Correspondence School of Freeport, Ill., is the official school operated by experienced railway officials, who give those who want railway positions what practically amounts to years of experience and enables anyone of average intelligence in a short time and at almost no cost to be fitted for a position at big pay. The school absolutely guarantees its graduates who are mentally and physically competent positions and makes its guarantee under legal bond. It is the only school which does this or can do it for it is the only official school and we suggest that those who want a good position write at once, to the Wenthe Railway Correspondence School, Central Office, 3535 Freeport, Ill., for full particulars.

## A Good Grain Grader.

The seed corn question promises to be a serious one next season and it will pay to be sure of the quality before actual planting time comes. In order to do this effectively a thoroughly efficient grain grader is most desirable. Testing the seed for vitality is important but this only solves half the problem. A good grader will throw out light and defective kernels and preserve only those of uniform size and quality. By its use the farmer takes a long and most important step in seed breeding and it was through seed breeding that the prize winning corn was produced. One of the best grain graders that has yet been invented and one which has the highest endorsement is the Perfection which is made and sold direct to the farmer by the Jensen Manufacturing Co. of Topeka. Mention the Kansas Farmer and ask the about it. You can save the middleman's profit by buying from them.

## KANSAS LAND

## KINGMAN COUNTY LANDS

Banner wheat and corn county of the state. Write for selected list.

Brown Real Estate Co., Kingman, Kan.

## Hodgeman County Lands.

Choice wheat and ranch lands. Write for price list and country map.

F. M. Peterson, Jetmore, Kan.

## ROOKS COUNTY LAND

One Hundred Farms for Sale.

Write for lists.

C. H. DEWEY, -:- Stockton, Kan.

## A HOME.

For you at a bargain price, 320 acres fine level land. For particulars write to

Winn Realty Co., Jetmore, Kan.

## COWLEY COUNTY FARM

440 acres, 11 mi. from Winfield, 5 miles from Townsend, 160 acres cultivated, balance blue stem pasture, living water, good buildings, orchard, alfalfa, prairie hay, fine grain and stock farm. Price \$13,500, good terms.

Chas. N. Payne, Hutchinson, Kan.

## A BARGAIN

160 acres, all smooth, 145 broke, 1/2 mile Jewell, 7 room house, large barn, double corn-crib, well, mill, plenty of water; price \$14,000. Other farms. List and booklet free. J. M. Denton Realty Co., Jewell, Kan.

## Farm Bargain in Gas and Oil

region of Montgomery Co., 2nd in wealth, 3rd in population and most enterprising Co. in state. Good corn, wheat, oats and alfalfa land at \$25 to \$50 per a. Ask for what you want; we have it.

Dunbar Bros., Dept. A, Tyro, Kansas.

## Greenwood County Land

Nice, smooth 80, improved, \$2,500; another for \$3,500; improved 160's for \$30 to \$45 per acre. Any exchanges you have list them with us.

G. K. Jackson Land Co., Eureka, Kan.

## HOMESEEKERS

Send for a copy of the Southeastern Kansas Homeseeker, the best land journal published. It's free to those wanting homes or investments. We make a specialty of lands on small payments and easy terms. Address

The Allen County Investment Co., Longton, Kan.

## BARGAINS!

## For CASH or TRADE

Of all kinds direct from owners of farms, ranches, mdse., hardware, hotels, livery barns. Send for our book of trades or cash list.

Bersie Real Estate Agency, Eldorado, Kan.

## Good Bargains

Six room house. Eighty acres of valley land, balance good mow land and good pasture and orchard for family use. Price \$4,000. And I have several other good 80-acre and 160-acre and so on up to 640 acres, and several large ranches.

Wm. Forbes, Fall River, Kan.

## DAIRY FARM

80 acres, 30 under cultivation. Balance fine blue stem pasture; 14 of alfalfa; living water; timber; fruit of all kinds; good improvements, 1 1/2 miles from Manhattan, a town of 8,000 people and location of the K. S. A. C. A bargain. Price \$8,500.00. Good terms. Address

Bardwell & Bardwell, Manhattan, Kan.

## CORN and CLOVER LANDS

160 acres improved.....\$8800  
80 acres improved.....4600  
120 acres improved.....6000  
120 acres improved.....4800

We have a large list of farms for sale and exchange. Write for new list of farms for sale.  
Mansfield Land Co., Ottawa, Kan.

## Mr. Tenant, Read This.

100 acre farm for sale at only \$30 per acre, close to school and in fine locality. Free gas to burn. Good 4 room house and new barn 36x36 feet. 25 acres in cultivation, 40 a. in meadow, balance in pasture.

Ross Defenbaugh, Independence, Kan.

## AN IDEAL FARM FOR SALE.

Kansas farm of 300 acres, adjoining a flourishing railroad town, forty miles west of St. Joseph, Mo. The soil, naturally rich, has been made more fertile by twenty years of judicious crop rotation and by the liberal application of manure; well watered, fine walnut timber, finest blue grass pastures, alfalfa, timothy and clover meadows; finest corn and wheat land; well fenced; hay, cattle and horse barn for a large amount of live stock; large silo, water tanks, granary, fine mill, etc. A model stock or grain farm, ready for use. An excellent opportunity. For complete information address K 225, care Kansas Farmer, Topeka, Kan.



## KANSAS LAND

## NESS COUNTY, KANSAS, LAND.

Good soil as any in the state at \$10 to \$15 per acre, well improved land \$15 to \$25 per acre. Partly rough at \$6 to \$8 per acre. Come before the new railroad gets here or write

J. G. COLLINS, Ness City, Kan.

## SHARON VALLEY ALFALFA LANDS.

Choice corn and alfalfa farms for sale in Barbour county, Kansas. Crop failure unknown. Write for particulars and list. Address

WILLIAM PALMER, Kansas.  
Medicine Lodge,

**A BEAUTIFUL MARION KANSAS HOME.**  
Surrounded by 18 acres, 6 blocks high school, same distance business section; living water and timber; improvements alone cost over \$5,000. Ideal stock or chicken ranch. Price \$5,000. Address  
Box 117, Marion, Kan.

## A GENUINE FARM BARGAIN.

160 a., 25 mi. S. W. of Topeka, 7 mi. of good town, 140 a. tillable, fenced and cross fenced. \$32.50 per acre. Terms

GARLINGHOUSE REALTY CO., Kansas.  
Topeka,

**155 ACRE BARGAIN**—All cultivated, tame grass, smooth and rich 2 1/2 miles from town, big stock barn, 5 room house, stock scales, windmill and cribs, 3 good wells, cisterns, fruit. A bargain for short time at only \$6,000. Write

CHETOPA REAL ESTATE CO., Kansas.  
Chetopa,

## IN THE COURSE OF OUR BUSINESS

We have come into possession 85 acres, Morris Co., 1 1/2 miles town, light improvements, 55 smooth plow land, no rock, sand, or gravel; 30 rough pasture spring. Do not wish to carry it. \$3200.00; \$1000.00 cash.

BACON & BRITAIN, Kansas.  
White City,

## EASTERN KANSAS BARGAINS.

1. 320 a. well improved, near town, \$45 a.  
2. 160 a. good improvements close in \$45 a.  
3. 160 a. A finely improved \$9,600. 1152 a. great ranch finely improved; easy payments, \$28 a. Write for list.

JOHN TAGGART & SON, Kansas.  
White City,

## BARGAINS.

We have some good Emporia properties, automobiles and hardware stock to trade for good land in Ford or Meade counties. Write us full description of your property in first letter.

H. L. DWELLE & CO., Kansas.  
Emporia,

## A BUTLER COUNTY BARGAIN.

320 a. 3 1/2 miles town, well improved, good soil, smooth; worth \$50 an acre. Price for quick sale \$37.50. Particulars on request. Act quick. Free list

WHITEWATER LAND & LOAN CO., Kan.  
Whitewater,

## FOR SALE CHEAP.

160 acres, 13 miles from town, 100 smooth farm land, 60 sod, broken out last summer, ready for spring crop. Frame house, story and half, 16x24 an ell 14x20, one story. Price \$2,500. A snap of the snappiest kind.  
H. D. Hughes, McDonald, Kan.

## BEST FARM IN KANSAS.

560 acres bottom valley land, all smooth, fine, black sandy loam, no waste land, small orchard, 20 acres fine alfalfa land, new 10 room house hot and cold water, lighted with acetylene gas, bath and toilet, 500-barrel cistern, sewer system, R. F. D., telephone, 5 1/2 miles to two railroad towns. Price \$65 per acre. For further particulars write  
Neal A. Pickett, Arkansas City, Kan.

## NEOSHO VALLEY FARM BARGAINS.

138 acres, 1 mile from Chetopa, Kan., lies along high bank of Neosho river on main traveled road, no buildings 100 acres in cultivation, all fenced. Alluvial soil, good for alfalfa, corn wheat and tame grasses. Finest corn farm in Neosho Valley. Price \$40.00 per acre in payments. Write for catalog of 40 farm bargains.

J. B. COOK, Kan.  
Chetopa,

## NOW IS THE TIME TO LOOK—NO SNOW.

No snow here now nor likely to be for continued time. Notice our location. Places advertised last week sold. Here are two dandies for quick sale:

No. 1—160, 1 mile from town, 6 room house, 40x60 barn all tillable, well watered, fine location, \$5,200.  
No. 2—160, 5 miles from town near school, good 5 room house, good big barn, 40 acres alfalfa land, nearly all tillable, \$4,800.  
Nice weather here (Dec. 30), mild winters.

Donahue & Wallingford, Mound Valley, La-bette Co., Kansas.

## FOR SALE—GOOD FARMS IN DOUGLAS CO., KANSAS.

No. 8—140 acre upland farm, 2 mi. from Lawrence, the Co. seat; well improved, well watered, fenced; 8-room house, large barn; ten acre orchard, clear. \$100.00 per acre. Terms easy.  
No. 15—160 acres stock farm, 10 mi. from Lawrence, 2 mi. from nearest trading point, fenced, 5-room house, good barn 32x45, sheds and other outbuilding, well, springs, clear. \$45.00 per acre.  
Also, over fifty other farms from 20 acres up.

LEROY N. WALLING, Kansas.  
1007 Massachusetts St., Lawrence,

## TAKE NOTICE.

For sale, 160 a., 2 1/2 of Garnett, fair improvements at \$35.00 per acre. 80 a. near town with fair improvements for \$3000.00, \$1,000.00 down and terms on balance. 160 a. near Harris at \$50 per acre, fine improvements, on all of these farms, part down and terms on balance, write me your wants.  
EBERT C. SIMON, Garnett, Kan.

The J. D. Tower & Sons Co., 14th St., Mendota, Ill., have done wonders for the development of the great corn industry of the country. For many years they have been manufacturing and introducing the famous Tower System of surface cultivation, which has not only made millions of dollars for farmers, but has improved the quality and largely increased the yield of this important grain. Our readers should note the announcement of this firm in our columns, and should write for their illustrated free "treatise on corn culture."

The Western Acetylene Co., composed of Messrs. Elder & Becker, Ottawa, Kan., are starting an advertisement in this issue of the Kansas Farmer. Every farmer should be interested in their proposition. When you install "Pheps" lighting system in your home, you have obtained a better, cheaper and more healthful light. Should remember that there is only one "Pheps" system of house lighting, and the Western Acetylene Co., Ottawa, Kan., have the sole agency in Kansas. We want our readers to investigate this proposition. Look up the ad in this issue and write for free descriptive literature. This is a thoroughly reliable firm.

## The Rambler Leads.

Recent figures compiled in the state of Minnesota show that the Rambler automobile is most widely used in the small towns and by the well-to-do farmers of that state. The compilation shows that there are sixty-two hundred and eighty-two automobiles in use in Minnesota, eleven hundred and sixty-nine of which are in use in towns under one thousand population. In other words, thirty-six per cent of the total number of automobiles in Minnesota are in strictly country districts. In towns of under one thousand population the new Rambler leads in point of numbers, all cars selling within one thousand dollars of its price, fifth a record of ninety-two. In all towns of under five thousand population the Rambler is the biggest seller of the better class of cars.

## Alfalfa in America.

Joseph E. Wing, whom everybody knows and admires for his breezy writings in the Breeder's Gazette and elsewhere and who has made a most conspicuous success in raising alfalfa on his big farm at Mechanicsburg, Ohio, is the author of a book. This book bears the title "Alfalfa in America" contains 500 pages, is beautifully printed and illustrated and is written in the inimitable style of Joe Wing. Understanding his subject from a practical standpoint, Mr. Wing has left no word unwritten that would help practical farmers to success with this wonderful plant. The book is brimming with facts and information. It is unlike any other work on this subject and is well worth a place in any farm library. It is published by the Sanders Publishing Co., 358 Dearborn St., Chicago, Ill., and sells for \$2. Kansas Farmer can supply this book to its readers.

## An Extraordinary Cyclone.

Cyclones do many strange things. You have heard tales of how they drive things into solid wood or tree trunks, how heavy timbers are carried miles and then plunged into the earth and partially or wholly buried; how one building is destroyed and another close by is uninjured. These are what might be called regular freaks of the storm, but did you ever have a cyclone that builds up, instead of tears down, that improves the looks of things by visiting the neighborhood, that saves work and money rather than causes a loss? We have heard of just one such cyclone and that is the cyclone line or ornamental fences and steel farm gates. They improve the appearance of any place, are cheaper than wooden fences and gates, because they last longer and need no repairs. The Cyclone Fence Company of Waukegan, Illinois, offers to send you, free, a book telling about this wonderful cyclone. You will find it interesting reading. Better send for it today and mention that you take Kansas Farmer.

## Perfect Fruit Assured.

The time has come—and progressive thinking fruit men everywhere realize and admit it—when perfect fruit cannot be produced without spraying. Codling moth, canker worm, fungus, and numberless other forms of insect and parasite life settle upon trees, blossoms and young fruit, and endanger not only the success of the seasons yield, but threatens the very life of the orchards as well. With a suitable pump and materials, spraying is not a hard task, and the greatly advanced prices commanded by "fancy"—almost invariably sprayed—fruit, prove the result well worth the extra effort. One of the pioneer manufacturers of sprayers and materials is the Wm. Stahl Sprayer Co., Box 3-E, Quincy, Ill., who are offering this year a variety of Spray Pumps and accessories and a complete line of prepared materials for making the work easier and more effective. This firm is anxious to get in producing perfect fruit, and their interesting catalog will be mailed to any address upon request.

## Developing Farm Ideas.

For the benefit of farmers, more money has been expended in developing ideas for farm devices, implements and conveniences than has ever been devoted to any other class of people. This is gleaned from a perusal of the patent records of the United States government at Washington. Tremendous sums have been sunk into one single device. Years and years are necessary in many cases to pay back the cost of producing the implement, device or tool. One notable instance is that of creating the famous Liberty Gang Plow of the Rock Island Plow Company. The cost of producing the Liberty along original lines, so as to do the work better and with least draft, amounted to a large sum and today farmers are realizing its benefits in a practical way. Its levers and footlift are within easy reach of the operator and the seat is well back. The plow bottom of new design commences to turn the furrow the instant it is cut loose from the land by the coulter. The dirt is not forced straight against the breast of the plow. The turning movement begins early in the cuts. The tail of the moldboard has little to do but keep the loose dirt from falling back into the furrow. Comfort and durability are combined. A cushion spring permits the land wheel to pass over ridges and uneven ground without disturbing the lever running of the plow or jolting the seat. Throat clearance is unusually good, thus preventing clogging in trashy ground. Note their advertisement and ask for their catalogue. It is free to Kansas Farmer readers.

## KANSAS LAND

## KANSAS LAND

## REAL ESTATE DEALERS, ATTENTION.

If you want to know how and where to buy advertising space in a big farm paper, and a daily paper covering the richest agricultural section of the United States for less than a half cent a line per thousand circulation, write

625 1/2 Jackson Street,

ROY O. HOUSEL,

Topeka, Kan.

## ZIMMERMAN IRRIGATED LANDS.

## THE CREAM OF THE PECOS VALLEY.

Now selling at \$60 per acre. Including fully-paid perpetual water rights. The present price subject to advance without further notice. One thing sure you can not buy any of this land next year for less than \$100 per acre.

This land in alfalfa alone will pay 100 per cent net profits every year. In fruits 300 per cent. Join us on the next Homeseekers excursion the first and third Tuesdays each month. For further information address

THE HEATH COMPANY,

109 West Seventh Street,

Topeka, Kansas.

## 800 Acre Stock and Grain Farm

two miles of two railroad towns and near trolley line, 480 acres rich creek bottom and second bottom, black loam soil, does not overflow, best of corn, alfalfa and wheat land, 300 a. fenced hog tight with good cross fenced, two sets of improvements, No. 1 seven room house, three good barns, all good condition, will care for 54 head stock, tied; never failing well, soft water, three water tanks; 18 barrel capacity; plenty bearing fruit trees, good stock scales, with house over and stock yards. 20 a. good timber; last a life time; never failing supply natural gas to run all machinery and for light and fuel. No. 2 improvements, good seven room house, good water, good barn, barn 30x40, capacity 3,500 bu. grain. 12 tons hay, oat granary and cow shed, some fruit, one-half section pasture land, 200 a. lime stone and 120 a. sand stone, grass, suitable to be made into a good farm, fenced with 4 galvanized wire, hedges, posts one rod apart, good water. The natural gas sold from the 800 a. is \$1,000 cash in advance each year and free fuel for house. 175 a. fine growing wheat. The crops for 1909 will show the real value of this farm. It will be priced on good interest paying basis, one-half cash, balance time if desired, to suit purchaser, low interest, 200 registered cattle, 300 head hogs, all stock priced with or without farm. Want to retire from business. No trades considered. Come and see me.

R. M. DOBSON, Owner,

Independence,

Kansas.

## FOR SALE.

360 acre farm, well improved 300 acres alfalfa land. No better grain or stock farm in Eastern Kansas. Cheap at \$65 per acre. J. M. NEVILLE, Lawrence, Kan.

## MONTGOMERY COUNTY LANDS.

Montgomery county is second in population and 6th in wealth in Kansas. Write for list of choice farm bargains and prices. W. J. Brown & Co., Independence, Kan.

## CLAY COUNTY, KANSAS, FARMS

are my specialty. Own a farm where good things abound. Call or write for my list before you buy. Tell me what you want. I can get it for you. Clay Center, Kan.

Geo. A. Bigler,

## BARGAINS IN WASHINGTON COUNTY

land, 430 acres creek bottom under cultivation, 4 miles from Washington, 1 mile to school, 2 sets of improvements, good water. Price \$55 per acre.

W. J. Gordon,

Washington, Kan.

## BUY A HOME CHEAP.

We are showing lands in the Lost Mountain section of Canada at prices ranging from \$10 to \$20. Low excursion rates twice a month. Write for full information. Nelson Bros., Clyde, Kan.

## COWLEY COUNTY FARM.

160 acres good six room house, about 80 acres bottom, never failing water, 12 acres alfalfa, 60 acres corn, close to school and church. Price \$7,500. Terms if desired.

R. A. Gilmer

Arkansas City, Kan.

## RENO COUNTY FARM—320 acres, highly

improved, fine new house with gas and water in, sandy loam soil, best kind corn and wheat land, price \$14,000. Other bargains.

W. W. BARRETT,

Kansas.

Sterling,

## STOCK RANCH.

Five thousand acres, two hundred and fifty in cultivation, ten room house, large barn, good outbuildings, living water. Fenced and cross fenced. \$20 per acre. Appling, Horton & Meek, 123 N. Lawrence Ave., Wichita, Kan.

## CLAY COUNTY FARMS.

If you want a choice farm or stock ranch at prices ranging from \$25 to \$75 per acre, call on or address Ernest Pinkerton, "The Pioneer Land Man," Clay Center, Kansas.

## EASTERN KANSAS FARM BARGAIN.

160 a., 3 1/2 miles from town, 75 a. cultivation, 2 a. orchard, balance native grass, 5 room house, good cellar barn for eight horses with loft, other outbuildings, good water, close to school, R. F. D. and phone. Farm on main traveled road. Price \$45 per acre. For particulars write  
J. C. Rapp, Osage City, Kan.

## NESS COUNTY LAND.

\$4,000 will buy a quarter section of fine smooth land, 3/4 mile from center of Ness City, all fenced and in cultivation. Fifty acres in wheat. Other good corn, alfalfa and wheat land at \$15 to \$35 per acre. Write for information.  
J. C. Lohnes & Son, Ness City, Kan.

## NESS COUNTY FARMS.

320 acres 10 miles from Ness City, 100 acres in cultivation, 4 room frame house, barn, well and windmill, some good alfalfa land, place is all fenced, land lays good and in good locality. Price \$16.00 per acre; \$2000 cash, three to five years time on balance.

Lohnes & Cason,

Ness City, Kan.

## ALFALFA.

240 acres at town, large 6 room house, stable, hen house, well, windmill and tank, etc. All bottom land, and A. No. 1 alfalfa land, 7 acres in alfalfa, 80 acres in cultivation, 160 in grass, creek runs through farm, plenty of water, timber for post and fuel, all fenced and crossed fenced, all smooth level land, 1/2 mile of depot, elevators, and etc. Graded school, get busy, only \$26.50 per acre. Send for list.  
Address

STINSON & WEYAND, Kansas.  
Spearville,

When writing advertisers please mention Kansas Farmer.

## LAND BARGAIN.

500 acre improved grain and stock ranch at a bargain. Located 6 miles from Colby, Kan. A snap for some one. For particulars address

STEVENS & RUBY, Kansas.  
Stockton,

## FOR SALE.

300 of the best farms in northeast Kansas. We also make a specialty of selling Woodston Co. land; have many bargains. Write for price list to

MANVILLE & BAILEY, Kansas.  
Holt, Jackson Co.,

## NEAR KINSLEY KANSAS.

320 acres second bottom land equally good for wheat, corn or alfalfa. 200 acres fine wheat lays perfectly smooth, rich black loam, small improvements, cheap at \$50 per acre.  
R. C. GETTER, Hutchinson, Kan.

## DOUGLASS COUNTY,

320 acres, 3 miles courthouse, well improved, \$70.00 acre. Must be sold within 30 days. 160 acres is actually worth \$10. an acre. Many other snaps. J. D. McNEIL, successor to McQuary-McNeil Investment Co.,

MERCHANTS NATIONAL BANK BLDG., Lawrence, Kansas.

## FOR A QUICK SALE.

80 acres nice smooth valley land 6 miles south and 1 1/4 mile west of Fredonia, Kan., with good fair 3-room house; good barn, hen house; about 50 acres in cultivation; balance pasture and meadow. Can all be cultivated. This land is well located and cheap at the price. \$30 per acre

C. R. CANTRALL,

Fredonia, Kansas.

## FOR SALE.

I offer a special bargain this week in a half section of smooth land, 1 1/2 miles from Colby, Kansas, the county seat, all broke out and seeded to winter wheat, in good season, all the wheat to go with the land. This wheat crop will go a long ways toward paying for the land. Price \$25 per acre. It will pay you to investigate this by writing the owner.

Colby, IKE W. CRUMLY, Kansas.

## GOOD FARM BARGAINS.

1/2 section highly improved farm, near town, in Saline County, good corn and alfalfa creek bottom land, 2 story house, large barn, first class improvements, living water in stream never dry, timber, etc. Price \$19,000. Good terms can be had, possession March 1st. 80 acres good farming land 4 mi. from Lindsborg, in McPherson County, all good soil, no waste. Price \$4,000 on good terms. Write for full particulars and latest list.

JOSEPH A. BRANDT, Kansas.  
Lindsborg,

## BARGAINS IN ANDERSON COUNTY.

187 acre farm in Anderson Co., Kan. 100 acres of choice creek bottom land in cultivation, 45 timothy and clover, 25 timber, balance pasture, 7-room house, stable 16x24, corn crib, granary, 1 mile to school, rural mail, price \$37.50 per acre.  
360 acres, Anderson county, Kan., 4 miles from Welda and Colony, 200 acres in cultivation, balance meadow and pasture, nice 7-room house good barn, fine orchard, rural mail, telephone, price \$35 per acre. This is a splendid stock farm. Let us show them to you.

SPOHN BROS., Garnett, Kan.

## WICHITA'S GOOD THINGS TO BUY.

This is 80 acres, eight miles out from this 50,000 city, and has 16 acres of bottom land now set to alfalfa and balance is good upland and in a community where the land is regularly about \$100 per acre. Good six room house, barn 16x24 and shed 16x32. All in cultivation but 18 acres.  
Also 146 acres, 5 miles out of town and has 50 acres in fruit, six acres in grapes and small piece of alfalfa; land is a good all round farm for the situation here close to town as it has some good truck land on it and that is so profitable here close to the city.

I. B. CASE & CO., Wichita, Kan.  
Over 103 W. Douglas,



## COLORADO LAND

## COLORADO LAND

# Why Pay Rent

At from \$3.00 to \$5.00 per acre when you can buy land from \$8.00 to \$15.00 per acre that has produced 20 bushels of No. 1 wheat from land that was broken the previous winter. Same land has produced 30 bushels of good corn on spring breaking. On old land as much as 50 bushels of corn per acre. Over \$80.00 per acre realized from crop of potatoes on \$15.00 land. \$50.00 per acre from crop of broom corn raised on new breaking. Alfalfa successfully raised. I have thousands of acres for sale in Lincoln county, Colorado. Hugo is the county seat. This is the finest body of good agricultural land in America now for sale at low prices. Excellent markets. The best of water at a depth of from 10 to 50 feet.

## DO YOU KNOW OF ANY SAFER INVESTMENT

or one that will bring greater returns on the money invested than the lands I offer? For further particulars call on or write

**A. S. Mitchell, the Land Man,**  
Hugo, - - - Colorado

# Colorado Land Snaps

Colorado is strictly in the limelight. Now is the time to buy for the certain rise in prices. We quote:

4,600 acres, fair ranch improvements; running streams; shallow water for domestic use or irrigation by pumping; level land; excellent soil; at only \$8 per acre; half cash. Better investigate this if you want a big buy.

3,400 acres sub-irrigated; water shallow and easily raised to the surface for ditch irrigation, and plenty of it; level land and good soil; only 25 miles from Denver, \$15 per acre.

1,280 acres, nice level land; 2 1/2 miles from main line railroad station; \$8.50 an acre; easy terms. This will sell for double in two years.

320 acres, six miles from Denver, and 160 acres four miles from Denver, at \$15 an acre. Better investigate these.

160 acres, four miles out; level, sandy loam; fenced one side; a great big bargain at \$15 per acre; won't last long.

170-acre improved valley farm, \$6,500.

470-acre improved mountain farm, \$2,000.

Three fruit farms in the justly celebrated Paonia section of Delta county, Colorado; sure crops of the finest fruit raised anywhere in the world; fruit does not bother; water rights A-1; fair improvements. One man owns all these three places, is getting old and wants to sell, and in order to do so makes prices just one-half less than neighboring places are selling for. Eighty acres, 1,000 four-year-old Jonathan apple trees; 700 Elberta peaches, apricots, cherries; besides some old orchard in full bearing; berries, grapes, currants, gooseberries; 13 acres alfalfa; 13 acres grain land, oak grove around house, running spring that supplies kitchen and milk house, price \$10,000; half cash, balance easy. Eighty acres, 350 Elberta peaches and 125 Jonathan apples 3 years old; 487 winter variety full-bearing apple orchard; 3 acres alfalfa; price, \$6,000. One hundred and sixty acre ranch, 1,500 apple trees—mostly Jonathan, over one thousand Elberta peaches, various other kinds of fruit and berries, alfalfa, etc.; 2 sets farm improvements; some live stock and farm implements with this place; price, \$15,000, which is less than \$100 per acre. Unimproved land, under water, in this section is worth \$150 to \$200. If you want a fruit farm investigate these quickly. Write or call on

**IRVIN L. RICHARDS**

405 QUINCY BUILDING

DENVER, COLO.

# CALL OF THE WEST

Why do you rent? Why give the best years of your life working for others? Own your own farm—you can do it on payments less than the rents you are now giving.

## BE INDEPENDENT—DO IT NOW.

We have plenty of choice, smooth fertile lands, such as are now producing from 25 to 45 bushels of wheat per acre and yield abundantly of corn, alfalfa, oats, potatoes and other crops, we can sell you at from \$10 to \$25 per acre on good terms.

Write us at once for information as to the splendid opportunities for investment in lands, both irrigated and irrigable, or choice farming uplands.

These lands are in Logan and Weld counties, and the famous Crow Creek Valley.

## THE BEST OF NORTHERN COLORADO.

Act now and get the benefit of the rapid rise in values.

Some good homestead lands subject to filling.

**THE WESTERN LAND CO.**

STERLING,

COLORADO.

# Kiowa County, Colo., Land.

12,000 acres of choice wheat land offered in quarters and half sections. On line of Mo. Pac. R. R., close to three good towns.

Prices range from \$5.00 per acre upward.

Write for terms and descriptions.

**ALBERT E. KING,**

McPherson, Kansas

## CANTALOUPE, SUGAR BEETS, ALFALFA LIVE STOCK.

**ROCKY FORD** irrigated, improved ranch 140 acres 1 1/2 miles from town, good water right, 60 acres in cultivation, 60 acres alfalfa, 20 acres fine pasture. Good 6 room house, nearly new, outbuildings complete, young orchard. R. R. Delivery, telephone etc., \$75 per acre, terms. Call or write

**THE ROCKY FORD REALTY CO.,**  
Rocky Ford, 208 S. Main St., Colo.

**IRRIGATED LANDS** in the famous South Platte Valley of Colorado, fine 160 under the old ditch. Price \$160.00 per acre. Owner will guarantee \$15.00 per acre cash rent. Fine 160, all in alfalfa, \$100.00 per acre. Will rent for \$10.00. Fine one-half section at \$75.00 per acre. We have a number of good quarters from \$20.00 to \$40.00. We have some fine propositions for exchange for business blocks or general merchandise. We also have some fine tracts of cheap land, ranging in price from \$10.00 to \$20.00 per acre for colonizing. Raise fine crops under the Campbell system of farming. Write us for prices and literature.

**CASTLE & WYCKOFF LAND CO.,**  
Fort Morgan, Colorado.

## 320 ACRES DEEDED LAND.

Perfect title; under one of the largest storage irrigation projects in Colorado, near good town, land is very smooth; and soil of great depth. Price \$40.50 per acre, with good water right. Easy terms.

## BELL &amp; WHITE,

Lamar, Colo. Civil and Irrigation Eng'rs.

## WE SELL THE BEST IRRIGATED LANDS

At \$40 to \$80 an acre up, according to improvements, within 2 to 4 miles of shipping point, these prices include perpetual irrigation water rights deeded with the land, good title to both land and water or no sale. For further particulars write or see

**THE GEO. A. WATSON LAND CO.,**  
Lamar, (Established 1886) Colo.

## COLORADO ALFALFA

Wins first prize among standard farm crops in Eastern Colorado, near Denver. One year's alfalfa crop more than pays for land now selling from \$15 to \$25 per acre. Wheat, oats, potatoes, do equally well on these low priced sub-irrigated lands. Map of Colorado and alfalfa literature, sent free.

Ask **COLORADO FARM LAND ASSOCIATION**, 278 Dearborn St., Chicago, Ill.

## COLORADO LAND

## COLORADO LAND

# BIG CROPS

Grown on Eastern Colorado Land

1500 farmers settled in Cheyenne county recently. The county is fast settling up. The investor should buy now. The homeseeker should secure a home while LAND CAN BE BOUGHT AT

**\$10 to \$15 an Acre on Easy Terms.**

## Modern School Facilities. High School and Manual Training.

Cheyenne Wells, the county seat of Cheyenne county, is keeping pace with the development of the county. Just completed a \$30,000 court house and a \$15,000 high school without bonding the county.

## Telephone System. Rural Free Mail Delivery.

A County Agricultural Society was formed last spring and a very successful fair was held this fall.

Come and see the crops grown on this cheap land.

A trip to Eastern Colorado is always pleasant, especially so in winter. Delightful weather, pure water.

Land is selling rapidly and prices will advance fast. For further information write

**The Cheyenne County Land Co.,**

CHEYENNE WELLS,

COLORADO.

**320 a. Homesteads** Choice farm and ranch land bargains in Washington Co. Write or see Sigel Johnson, Akron, Colo.

## IRRIGATED FARMS.

Prowers county, Colorado, offers the best opportunities to the homeseeker of moderate means. Write for information and prices of farms.

**J. B. TRAXLER, LAMAR, COLO.**

## LAND BARGAINS.

We undersell all others in low priced lands in Eastern Colorado, with small cash payment down. These lands adjoin lands now being farmed. Stock ranches a specialty. If you are interested write for free descriptive circular.

**HENRY M. CHASE LAND CO.,**

Denver,

Colorado.

## DO YOU WANT A HOME?

Buy now in Washington county, Colo. Where choice land, with best of soil can be had; where good farmers raise from 20 to 45 bu. wheat per acre, and oats, barley, corn, speltz, potatoes and alfalfa grow abundantly on upland, without irrigation; in a county rapidly settling and being improved by good thrifty farmers. We have many tracts of choice, smooth, fertile farm lands, healthful climate and abundance of good water, at prices ranging from \$8 to \$15 per acre. If you are looking for good investments, write or see

**Vanderhoof & McDonald, Otis, Colo.**

## "A FREE RIDE TO COLORADO"

**MUNTZING PAYS THE FREIGHT.** FARMS, SHEEP, and also CATTLE AND HORSE RANCHES.

I own 40,000 acres of choicest lands in Washington and Yuma counties, and am offering both improved and raw lands at prices far below all others, and on terms to suit all purchasers. Monthly payments if desired. 160 and 320 acres Relinquishments adjoining lands offered for sale. Best of wheat, oats, corn, potatoes and alfalfa lands. I refund railroad fare and Hotel Bills for those who purchase of me. All lands are level, smooth and rich farm lands. NONE better. COME NOW and buy homes and get the free ride. Why pay big commission when you can buy direct from the owner. Write for maps, plats, price lists and explanations and proofs to

**AUGUST MUNTZING, Akron, Colorado.**

## NEBRASKA LAND

**DON'T MISS THESE LAND BARGAINS.** 320 acre, choice farm, Hayes Co., Neb., 7 1/2 miles from Fallsdale, smooth, best of soil; 200 acres to wheat; 1-3 rental, good 4-room house, well, windmill, etc. A perfect beauty, in fine neighborhood. For quick sale, \$25 per acre. 1,200 acre ranch, Lincoln Co., Neb., 5 miles from Wallace; 450 acres good bottom, alfalfa and corn land; balance good pasture, timber and living water, \$20 per acre. For other good land bargains see or write us. **SMITH BROS., Fallsdale, Neb.**

## PLATTE RIVER VALLEY BARGAINS.

710 acres, fine valley land, all under irrigation ditch, good 8 room house and other improvements, 4 mi. from R. R. station, 10 mi. Co. seat, all fenced; choice land and offered far below actual value at \$30 per acre, for short time only.

320 acre farm, 1 quarter deeded. 1 yr. school lease, subject to purchase; all choice valley land, 6 mi. from Bridgeport. Some alfalfa and all good alfalfa land, under irrigation. Fair improvements and fruit. Price \$20 per acre, cash. Other attractive propositions in the new Morrill county lands. Write for particulars or see

**SCOTT & DAVIS, Morrill Co., Neb.**

## BOX BUTTE COUNTY BARGAINS.

296 acre ranch farm, 10 mi. to sta. best in the west, \$5,000 improvements, all good land. Price for quick sale, \$15 per acre. 2,000 a., well improved, 700 a. best hay 8 miles to good station, all good land. Price \$25 per a. Will consider exchange for some good income property or eastern farm land. 320 a., all level, only 5 mi. to Alliance. Price \$20 per acre. 160 a., all level and good, 10 mi. to town, only \$12.50 per acre. Other choice bargains in all sized tracts, at \$12.50 to \$22.50 per acre.

**DINEEN, RUBENDALL & YOUNG, Alliance, Nebraska.**

## ALL OF ONE SECTION.

640 acres, 5 miles from town, most all fenced, 160 acres in cultivation, nice laying land but 100 acres, small house, barn and wind mill, \$12.50 per acre. Investigate this and many others of our bargains in farm and ranch lands, \$10 to \$40 per acre.

**YUMA COUNTY REAL ESTATE CO., Wray, Colorado.**

## WHERE THE GOOD CROPS GROW.

320 acres, 9 miles northwest of Yuma, all level, good soil and no waste land. Price only \$12.50 per acre. This is only one of the many attractive bargains we have and offer in choice, smooth, rich and productive farm lands in Yuma county, the Queen of eastern Colorado. Where large crops of corn and small grains grow and where scientific farming is an established success, without irrigation. Come, let us show you or write for information to

**J. L. MILLER & CO., Yuma, Colo.**

# Colorado Irrigated Lands

22,000 acres of irrigated Government land in Southeastern Colorado has recently been opened for entry under the provisions of the Carey act. The state of Colorado has contracted with the Two Buttes Irrigation and Reservoir Company to construct the irrigation works for the reclamation of this tract of land, which is located in Baca and Fowles counties, close to Rocky Ford and other proven districts. Water rights are of incontestable priority and title to land comes direct from the State.

Price of land 50 cents Per Acre.

Perpetual Water Rights \$35 Per Acre.

Payable \$5.25 per acre cash, balance in ten annual payments. The tract is nearer Kansas City and Mississippi Valley markets than any other Carey act project. Land free from brush and stone, and soil will average 50 feet in depth. Altitude, 4,050 feet; climate best in State; rainfall 16 inches; crops, all grains, alfalfa, sugar beets, vegetables and fruit; no alkali. Local markets for everything.

No agents employed and no commissions paid. Farmers wanted, not speculators. For particulars write

**The Two Buttes Irrigation and Reservoir Co., Lamar, Colo.**

## NEBRASKA LAND

## A RARE BARGAIN.

160 acres in the famous artesian valley in Meade Co., Kan., all the very best of alfalfa land, all smooth, all tillable, and one flowing well. Price \$40 per a. Write owner

**L. NIDER,**

Fairbury, Nebraska.

## WE SELL 6 PER CENT FARM LOANS.

Loans on Nebraska farms, Platte Valley irrigated lands and Idaho irrigated and orchard lands. All choice securities, which net the investor 6 per cent. Interest and principal remitted without cost to purchaser

**HEMINGFORD LOAN & TRUST CO., K. L. Pierce, Secy. Hemingford, Neb.**

## FINE NEBRASKA FARM.

320 acres, 3 miles from Chester, with good improvements, good orchard and good neighborhood. Land all around it selling from \$75 to \$100 per acre. Price \$65 per acre for quick buyer. Other bargains in smaller tracts. For further information call on or address

**R. L. WILSON, Chester, Neb.**

## I SELL DIRT.

I have for sale one of the best improved ranches in Southwest Nebraska, containing three sets of improvements, the ranch contains 4,760 acres of fine land, 2,500 of which is fine alfalfa land. I have also for sale good farms from 160 acres up; write me.

**S. Steinmann, Wauneta, Neb.**

## ALFALFA LANDS.

All lands in Webster county, Neb., will grow the finest alfalfa, three and four crops every year. We want to send you illustrated matter regarding this beautiful prosperous county. We have a snap for a quick sale on a half section with 35 acres alfalfa now growing, 135 a. cultivated, finely improved. Write for particulars. **RED CLOUD REAL ESTATE CO., Red Cloud, Neb.**



## PUREBRED HOLSTEIN CATTLE

are without any question the finest all-round breed of cow for use on the farm because they are even-tempered, readily adapt themselves to conditions, and give large quantities of milk ranging from 3.43 to 4 per cent butter-fat with an 8 to 9 per cent casein. Then, again, they breed regularly, producing large calves with great vitality, and for this reason they will thrive and grow with very little care. Pure bred Holsteins are the most profitable of all breeds for milk, butter and cheese.

"Holsteins are the most profitable cattle."

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HOLSTEIN-FRIESIAN ASSOCIATION  
100 American Bldg., Brattleboro, Vt.

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Showing the newest, latest and best 1910 designs in Carpets, Rugs, Linoleums, Lace Curtains, Portieres in actual colors. Bringing my large city stock to you so that you can make your selections in your own home.

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I'll save you money—\$5 to \$10 on every carpet or room size rug you purchase—and I'll save you proportionately on Small Rugs, Lace Curtains, Linoleums and Portieres.

**2,000 CARPET AND RUG BARGAINS**

not merely one or two leaders, but every item at a price far and away below what your dealer will charge you for the same high quality of goods. Address  
**S. B. TELFER, President,  
TELFER CARPET CO.**

Back of every purchase is the "TELFER GUARANTEE" of absolute satisfaction or your money back. Don't think of buying Carpets or Rugs anywhere until you get my magnificently illustrated catalog.

I'll give you newer, later styles; something different from what you can get at home—Carpets and Rugs that will wear better, last longer and look better on your floors—that will give a richer furnishing effect in your rooms.

**WRITE ME TODAY**

Just a postal will do, let me send you by return mail, all my latest 1910 carpet, rug and curtain offers; some valuable carpet and rug information you can't afford to be without and my liberal freight proposition by which I deliver my goods FREIGHT PREPAID  
**826 Walnut St., DES MOINES, IA.**

Just  
Drop  
Me A  
Postal

# Northern Kansas Duroc Jersey Bred Sow Circuit

**Beloit, Feb. 1; Burr Oak, Feb. 2; Smith Center, Feb. 3.**

132 bred sows will be sold in this circuit selected from four of the best herds in Northern Kansas. The Big Duroc Jersey Event of the Season. You are cordially invited to be the guests of these four well known breeders on above dates. Write for catalogs at once.

**Tues.**

**February**

**the 1st**

**Pearl H. Pagett**

**R. G. Sollenburger**

On this date we will offer at Auction at the Fair Grounds, Beloit, Kan., 44 bred sows consisting of 10 tried sows, 14 Fall gilts and 20 early spring gilts. This offering is the best either of us have ever been able to make and we think at least as good as will be made in the West this season. The fall yearlings are by Pearl's Golden Rule and Bonney K. and bred to the best advantage to one or the other of our herd boars. The Spring gilts are by Bonney K., Put's Model, W. L. A.'s Choice Goods, Red Wonder, Harding's King of Cols., Lincoln Chief, and Fitch's Kant. They are safe to the service of one or the other herd boars for March farrow. The tried sows are every one guaranteed to be the best of producers and are in this sale as attractions. One is by Red Wonder and bred by Baxter. Two are by Kant Be Beat and out of Ohio Chief dams. Johnson's Choice is included in this sale and is one of the great brood sows of the breed. Every sow has been carefully bred for early farrow to a herd boar of the best of breeding and individuality. Breeders register as our guests at the Avenue Hotel, the best hotel in North Central Kansas. Sale in warm and comfortable quarters at the Fair Grounds two blocks from either depot. Auctioneers: John Brennen, H. H. Van Amburg, Frank L. Smith. Send bids to J. W. Johnson of Kansas Farmer in our care. For a catalog address P. H. Pagett, Beloit, Kan.

**Pearl H. Pagett,**

**R. G. Sollenburger.**

**Wed.**

**February**

**the 2d**

**E. M. Myers,**

**Burr Oak, Kan.**

My offering of Duroc Jersey bred sows on the above date is the best I have ever been able to make and is, I think one of the best that will be made in the state this season. It is made up of tried sows, fall yearlings and spring gilts. The breeding will be found attractive and individually the entire offering will speak for itself sale day. On the sire side the offering traces to such noted families as Crimson Wonder, Ohio Chief, Golden Rule, Kant Be Beat and a number of others. The Dams of the offering are such sows as Wonder Rose by Nebraska Wonder, Bright Lilly 3rd by Havelock Wonder and out of Bright Lilly 2nd. I am not putting anything in my sale in the way of tried sows that is not known to be good producers and guaranteed. The Spring gilts are all well grown out and everything is bred for early spring farrow. The sale will be held in Burr Oak in comfortable quarters and free hotel accommodations at the Commercial Hotel. Burr Oak is easily reached from Beloit and Smith Center can be easily reached from my sale. Catalogs are now ready and will be sent by return mail. Auctioneers: John Brennen, Essie Cravens. Send bids to J. W. Johnson of Kansas Farmer in my care.

**E. M. Myers, Burr Oak, Kan.**

**Thurs.**

**February**

**the 3d**

**Rinehart & Slagle, Props.,**

**Smith Center, Kan.**

Our offering on this date numbers 50 head and is a draft from the "R. & S." Farm herd of Duroc Jerseys. The offering is made up of 10 tried sows of proven worth and 40 big, smooth well grown out March and April gilts. The 10 tried sows are attractions chief of which is Mendena by Mendenhall's Challenger. They are all bred to King of Kant Be Beat, by Kant Be Beat, dam by Ohio Chief. The 40 Spring Gilts are all of early farrow and all sired by Golden Ruler by Pearl's Golden Rule, Dam Johnson's Choice. These gilts are all big, smooth, well grown out gilts of good feet, backs and color and bred mostly to King of Kant Be Beat for early spring farrow. They have been carefully grown with a view to their future usefulness. They are the pick from a crop of 100 spring pigs and not one has been selected for this sale that is not right in every way. This is our first sale and we are going to try and please you with an offering that we know you will approve when you inspect it sale day. Free hotel accommodations at the Sherman house. Sale right in town in comfortable quarters. Catalogs ready and we want to send you one. Ask for one today. John Brennen, Auctioneer. Send bids to J. W. Johnson of Kansas Farmer in our care.

**Rinehart & Slagle, Props., Smith Center, Kan.**





## ARE YOU LOOKING FOR A FIRST-CLASS STALLION?

If so, call and inspect our horses. The cut shown above is a kodak picture of some of our Percherons and Belgians. We now have 100 head of Percherons, Shires and Belgians in our stables, ranging in age from 2 to 5 years. They are the low-down, heavy-boned kind with lots of quality. Our prices cannot be duplicated, breeding and quality of horse considered. Our 60 per cent breeding warranty is as good as a Government Bond. Write today for our new catalog, stating your wants. It will show you a large number of actual photographs of horses now in our barns. Do not delay, but write today.

**WATSON, WOODS BROS. & KELLY CO.,**

**Lincoln, Neb.**



### L. R. Wiley & Sons, Elmdale, Kan.

IMPORTERS AND BREEDERS OF

**Percherons, French Draft, Shires and Coaches**

We have just landed 25 more stallions of the ton kind on our ranch. And just one word with you, Mr. Buyer, if you want a first-class stallion or mare either imported or American bred and will come and inspect our horses, if you don't think you have found the best bunch of horses in the state of Kansas and our prices the lowest considering quality, you are getting, we will pay your expenses here and back to your city. All of our horses are bought and personally selected by us and we can save you big money; you to be the judge. Write for our prices and terms before buying elsewhere.

### ROBISON'S PERCHERONS



Do not forget my tenth annual sale of sixty registered Percheron stallions, mares and colts at fair grounds, Wichita, Kan., February 15, 1910.

This offering will be up to the high standard of the Robison Percherons. The sale will include six imported stallions, twenty American bred stallions, twenty mares bred to Casino. Mares and colts sired by Casino.

Send for catalog and mention the Kansas Farmer.

**J. C. ROBISON, - - Towanda, Kansas**

### HOLLAND STOCK FARM

IMPORTERS AND BREEDERS OF

**Percheron and German Coach Stallions and Mares**

The largest collection of extraordinary stallions and mares in the southwest. A superior lot of two and three year old imported Percheron stallions of the popular colors, black-grays and solid blacks. The most selected herd of imported Percheron mares in America. Young registered American bred Percheron stallions and mares. Imported German Coach stallions of superb action and beauty. Our Percherons are of superior quality and finish, possessing great size, heavy bone, vigorous action and breeding, tracing to the most noted sires and dams of France. Our mares are all producing mares, acclimated, broken to work safe in foal and in the very best of condition. We will supply you with an extraordinary stallion or mare for less money than others, and only wait the opportunity to prove our statements by having you make us a visit and see the horses for yourself. Our prize winning stallions and mares for you selection at very reasonable prices and the very best of a guarantee. The best Percheron stallions and mares. The best German Coach stallions and mares.

Springfield,

CHAS. HOLLAND, Prop.,

Missouri.



### Imported Percheron Mares and Stallions

For sale, several nicely matched teams of two and three year old imported Percheron mares, bred, black and grays. Several extra good two and three year old imported stallions. We handle only the best. Come and see us.

**J. A. FEE & SONS, STAFFORD, KAN.**

### PERCHERONS, SHIRES SADDLES and JACKS



28 registered jacks and jennets, 12 registered Percheron stallions and mares, 1 Imp. English stallion, 1 comb. harness and saddle stallion. Good stuff and at prices that will move them.

**FRED POOS,**  
Potter, Kansas.

### JACKS FOR SALE



WE have at all times a good supply of Jacks from 14½ to 16 hands high. Buy one this fall and save money. Thirty head to select from.

All Guaranteed.

**PETTY BROS., SEDALIA, MISSOURI**

**STALLIONS AND JACKS.**

One 4 year old Belgian stallion.  
One Percheron stallion.  
One standard bred stallion.  
One eight-year-old extra good black jack, meaty points, guaranteed all right and a good breeder. All these stallions are registered and will be sold at a bargain if sold soon. Will trade for good land. Come and see me.

**J. M. HEDGES,**

Chase, Kan.

For Sale

27 Missouri Mammoth jacks and jennets, 3 stallions and Hereford cattle.  
J. T. Watson  
New London, Ralls Co., Mo.



### FAIRVIEW JACK AND JENNET FARM

Registered Mammoth Jacks and jennets for sale cheap, at all times quality considered. They have big bones, big heads and ears, and breed big mules. They are Missouri jacks—the best that grow—14½ to 16 hands high. A big lot to select from. Everything guaranteed as represented. Established 1892.

**J. C. HUCKSTEP, Proprietor, EOLIA, MO.**

### 75 HEAD JACKS AND JENNETS

All ages up to seven years old. Guaranteed as represented and prices reasonable. Special prices for fall trade. Come and see me.

**MOLINE,**

**PHIL WALKER, KAN.**

### 35 Jacks & Jennets 35

Few good Percheron and saddle stallions. Jacks 14½ to 16 hands and the very largest that can be found. 40 miles K. C. on U. P. and Santa Fe.

Log distance phone  
**AL E. SMITH, Lawrence, Kan**

### DUNHAMS' PERCHERONS

Fourth large importation within the year arrived November 23d, which, added to our present stock, offers intending purchasers the finest collection in America. If you want the best horses, horses with bone, quality, size action and best breeding stallions or mares; if you want fair and liberal treatment; if you want lowest prices consistent with good merchandise, visit Oaklawn. Catalog shows the place and the horses.

**W. S., J. B. & B. Dunham, Wyo. Ill**

## Breeders' Sale

### 450-HORSES-450

**In Coliseum, Bloomington, Ill.,**

**February 1, 2, 3 and 4, 1910.**



On Tuesday, Wednesday, Thursday and Friday we will sell

**350 Imported and Native Bred Registered**

Percherons, Belgians, French Draft, Shire and Clydesdale Stallions and Mares.

**150 HEAD Imported Stallions & Mares** that will land by sale day

**100 HEAD Imported Stallions and Mares** that have been here a year.

**150 HEAD** of the Best Registered Mares that ever went in the auction ring.

**150 REG. STALLIONS** of the very choicest of breeding and individuality.

**On Friday, February 4, 1910**

we will sell 100 head of Registered Trotters, Grade Draft, Saddle and All-Purpose Farm Horses, Stallions, Mares and Geldings.

CONSIGNERS—Moots Bros., John C. Baker, A. M. Storm, Downs Bros., Miller Bros., W. S. Halane, H. I. Messinger, W. C. Baughman, O. R. Thompson, J. Wilt, John Yoder, M. G. Murray, Leemon Bros., Enos Stewart, W. H. Ritter, Sass Bros., D. D. Brotherton, J. W. Cavanaugh, W. H. Welch, T. T. Hix, Fred Musselman, Chas. Stewart, T. Stubblefield, W. A. Turnipseed, D. Augustin, Stream & Wilson, Wm. Zumdahl, A. J. Dodson, Ralph Moore, Geo. Rasor, L. C. Wheaton, R. E. Johnson, Ed Hodgson, C. W. Funk, Rogers & Allen, John Taylor, Simon King, Dr. D. Sigler, L. C. Judy, G. B. Loper, Hemphill Bros., G. H. Behrens, Ewing & Tavenner, and 40 others. CATALOG READY JAN. 15 1910.

### BREEDERS' SALE CO.

**C. W. HURT, Mgr.,**

**Arrowsmith, Ill.**

## Draft Stallions and Mares

**Imported and Home Bred Registered Percherons, Belgians and Shires.**



We have over 200 young stallions and mares. All will make ton horses and we will guarantee satisfaction in quality and price. 60 per cent guarantee on stallions and mares guaranteed breeders. Come and see. Send for catalog.

**NORTH & ROBINSON, Grand Island, Neb.,**



## Percheron Stallions

I am offering an extra good lot of 2- and 3-year old Stallions for sale. Big drafty fellows with lots of bone. Also have a few mares for sale from yearlings to 8 years old.

**R. F. D. 2. J. W. BARNHART, Butler, Mo.**

**Kansas Farmer ads Bring Results**



**FOR SALE.**

Extra good black Percheron stallion, sure breeder; a ton horse. **GEO. GROENMILLER**, Pomona, Kan.

**PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.**

Up-to-date Poland China hogs. Write your wants.

**H. N. HOLDEMAN**, Meade, Kansas.

**REGISTERED MAMMOTH JACKS.**

Jacks, jennets, saddle horses, trotting and pacing stallion. 260 head to select from. Catalogues now ready.

**J. F. COOK & CO.**, Lexington, Kentucky.

**SHEPHERD PONIES FOR SALE**—20 imported stallions and a few bred mares. We have recently returned from Scotland with the finest importation of ponies ever brought to Nebraska. Write for private sale catalog. **CLARK BROS.**, Auburn, Neb.

**QUALITY PERCHERONS.**

A few head of stallions from 3 to 7 years including Imp. Alfort, a ton horse of rich Brilliant blood. Also a few Standard bred mares. Buyers met in Topeka on notice.

**JOHN A. PECK**, Phone Watson Exchange, Tecumseh, Kan.

**JACKS**

I have on hand a large collection of the best stallions the world produces. I have the best line of big boned, dapple gray and black, ton stallions that can be shown in the United States this season. These stallions measure from twelve to fourteen inches below the gamble and from eleven to thirteen inches below the knee and carry corresponding quality. They run in weights from 1,800 to 2,630 pounds each. I am offering greater attractions in stallions than any other importer. Prices the lowest.

I have also forty big imported mares, all in foal, for sale.

**W. L. DECLOW**, Cedar Rapids, Iowa.

Register your jacks in the American Jack Registry. Write for blanks.

**BLUE RIBBON STOCK FARM**

For Sale, 20 Head of Registered Percheron Mares. Safe in foal. Color, ages, weights and prices right. Call or write

**LEE BROS.**, Harveyville, Kan.  
Farm joins town.

**FOR SALE AT RIVERSIDE STOCK FARM.**

5 Percheron Stallions from 2 to 5 years old, 5 Percheron mares from 15 months old to 5 years old. All colors good. All registered and breeding guaranteed. A fine young registered Shorthorn Herd with Royal Glossier at the head, a pure Scotch bred bull. I will trade this herd on a good farm.

Chapman

**O. L. THISLER & SONS**,

Kansas.

**100 RHEA BROS. 100**  
**Acclimated Percherons**

You may say, this little ad looks cheap offering so many good horses. Well friend, it is cheaper than a larger space, that's why we use it. The buyer pays for it. **REMEMBER THAT.** You who have seen our horses at the State Fairs for years know that they are not the cheap kind; although by our economical system of raising and selling our stallions we can sell cheaper than most dealers. The records show that we exhibited three year old Percheron stallions at the Nebraska State Fair 1909 with 3rd and 5th. They are all for sale at very reasonable prices. Every one fully guaranteed. Terms to suit. Life insurance furnished.

Write today or come to

**ARLINGTON, NEB.**

On main line C. & N. W. R. R., 25 miles N. W. of Omaha, 1 mile east of Fremont, 12 passenger trains daily.

**STALLION AND JACKS FOR SALE**

Young Percheron stallions, home bred, and Mammoth jacks for sale.

**SOUTH ATHOL STOCK FARM**,  
O. A. Scott, Athol, Kan.

**STALLIONS AND JACKS**

Several Kentucky jacks from 15 to 16 hands high. One mile from town.

**BRUCE SAUNDERS**, Holton, Kansas.

**M. H. ROLLER**,

**J. O. ROLLER**.



Breeders of registered jacks and jennets. For sale 14 jacks and 20 jennets 14 to 16 hands. All black. We raised all of these jacks and broke them. We are not speculators and you get them first hands if you buy from us. 89 miles N. W. of K. C., 65 miles W. of Leavenworth. 6 passenger trains daily except Sunday, 2 Sunday. Write for catalog—Free for asking if Kansas Farmer is mentioned. **M. H. & J. O. ROLLER**, Circleville, Kan.

**H. & H. WOLF and DAVID COOPER**

Imported and Home Bred Belgian Stallions.

Branch barn of H. & H. Wolf, Wabash, Ind.

The same terms and insurance will be given at Freeport, Kan., as at Wabash, Ind. Several extra good two, three and four year old stallions, one that weighs a ton and ten pounds at 27 months old. All are good individuals, guaranteed as represented. Priced reasonable. Write or call and see me.

**DAVID COOPER**, Mgr., Freeport, Harper County, Kan.

**FRANK IAMS'**

new importation of draft stallions and mares arrived September 20, 1909, by "Iams' own special train" of "ten express cars." They are "business propositions" that "jar the cherries" on a "wide-awake" "horseman's hat." Iams' "Peaches and Cream" stallions and mares are "eye-openers." They are "diamonds," sold "at fifty cents on the dollar." They are "winners" and "sons of winners," having won "eighty prizes and medals" at Paris and Brussels and leading European horse shows. Iams makes buyers.

**"SIT UP AND TAKE NOTICE"**

"Ikey Boys" get into Iams' "money-saving game." Buy a stallion and mare today—save \$300.00. Iams "tickles" buyers with "Rippers" at "Let Live Prices." Owing to bad crops, panic—Iams' cash, his 27 years' successful business. He bought and sells better horses cheaper than ever. Mamma, Iams is a "hot advertiser," but, "he has the goods" and sells horses at his barns only. Buyers get the "middlemen's profits" at Iams'. Iams has

**200--PERCHERONS AND BELGIANS--200**

two to six years old, weighing 1,700 to 2,500 pounds; 90 per cent blacks, 50 per cent ton stallions. All registered and branded. He sells "toppers" at \$1,000 and \$1,400 (fe higher), mares \$700 to \$1,000, so good they need not be "peddled" or put on the "auction block" to be sold. Iams' "selling clothes" fit all buyers. No man with money or bankable notes gets away from Iams. He buys, owns and sells more stallions than any man in the United States; saves thousands dollars to stallion buyers. He is not in the

stallion trust. Iams places \$1,500 insurance.

**\$1,000---SAVED AT IAMS'---\$1,000**

Ikey, what "a graft" these "stallion salesmen" are working on the farmer, selling fourth-rate stallions at \$2,000 and \$5,000! Mr. Buyer, see Iams' stallions yourself. Take no stallion salesman's word. "Iams has the goods you read about." His establishment is worth going 2,000 miles to see. Iams' competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Big Bill, buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters; has no two to ten men as partners to share profits with. Iams guarantees to sell you a better stallion at \$1,000 to \$1,500 than are sold to stock companies at \$2,500 to \$5,000, by slick salesmen, or pay you \$500 for your trouble, you the judge. Iams pays horses' freight and buyers' fare; gives 60 per cent breeding guarantee. Iams' guarantee is backed by one-half million dollars.

Write for Million Dollar Horse Catalog, Greatest on Earth.

References—St. Paul State Bank and Citizens' National Bank,

**ST. PAUL, NEBRASKA**

**Kansas Farmer ads Bring Results****LAKEWOOD FARM****The Greatest Breeding Establishment in the World.**

Calypso, the world's champion, at head of stud. Sensational show record: 30 prizes awarded Lakewood Percherons at International 1909, 12 of which were firsts and championships, a record never before equaled by any one other exhibitor. In addition Lakewood Percherons won 155 prizes at the great state fairs and expositions of the west the past season, 76 of which were firsts and championships. A grand lot of big, heavy boned stallions, and a choice selection of mares at prices that defy competition. If you want the best, do not fail to visit Lakewood Farm before buying.

**H. G. McMillan & Sons, Rock Rapids, Ia.**

Branch Barns, Sioux City, Ia.

Great Falls, Mont.



Princess and four of her colts by Bosquet.

**Combination Percheron Horse Sale**

**ABILENE, KAN.,**

**TUESDAY, JAN. 25**

20 stallions, more than half imported horses. 15 mares, richly bred, all broke to work and in foal to great sires. The offering is a good, useful one, a big per cent of it rich in the blood of Old Brilliant and other noted prize winners. Among the consignors are J. H. Peaks, W. H. Rhodes and U. Asas Agricultural College, all of Manhattan, Kan.; W. H. Graner, Lancaster, Kan.; W. H. Richards, Emporia, Kan.; N. I. Hughes, Paullina, Iowa; W. W. Griffith, Lake City, Iowa; Chas. E. Sutton, Lawrence, Kan.; Wayne Beasley, Paxico, Kan.; Geo. Groenmiller & Son, Pomona, Kan.; John F. Richards, Olsburg, Kan.; Estis Hudson, Hebron, Neb.

**SALE WILL BEGIN AT 1 O'CLOCK.** Attend this sale if you love Percherons. Sale in warm pavilion. Auctioneers—Sparks, Brady, Curphey, Little. Mention Kansas Farmer. For catalog write **W. H. RHODES**, Manager, Manhattan, Kan.



# POLAND CHINA DISSOLUTION SALE

## Beloit, Kan., Friday, January 21

This sale will disperse the well known Logan & Gregory herd of Poland Chinas. It is made to close up a partnership, Mr. Logan continuing in the business at a new location nearer Beloit. The offering numbers 42 head and consists of 10 tried sows, 3 fall yearlings, two herd boars and the balance spring gilts. The tried sows are all great producers and are really the cream of this herd. They represent popular Poland China families and have been purchased and reserved with a view to their general usefulness. The gilts were sired by Conformation, by E. L. 2d, Dude by Old Sunflower Perfection and others. A large majority of the gilts and several of the tried sows are safe to the service of Glasco Chief, considered by many the best Poland China breeding boar in the Solomon Valley. Sale in comfortable quarters. Free accommodations for breeders. For a catalogue address,

**LOGAN & GREGORY,**

**BELOIT, KANSAS**

John Brennen, Auctioneer. J. W. Johnson, Fieldman.

# ADDY'S CLOSING OUT Duroc Jersey Sale

## Parnell, Mo., Monday, Jan. 24

We have sold our farm and on the above date will disperse our entire herd including the great boar, W. L. A's Choice Goods, 40 matured sows and fall yearlings and 25 spring gilts, daughters of such noted sires as Proud Advance, W. L. A's Choice Goods, Model Chief 2d, The Chiefs Col., Nebraska Bell's Ohio Chief, Crimson Wonder Again, Crimson Chief, Harding's Proud Advance, etc., sows that have proven their worth and made our herd headquarters for the best. The result of 20 years of effort in buying the best blood and mating the best specimens of the breed. Everything brea for spring farrow, as far as possible to W. L. A's Choice Goods. The others to our other herd boars. We will appreciate every breeder's presence. Catalog gives complete information. Write for it.

Rids may be sent to Jesse r J. W. Johnson in our care at Parnell.

**W. L. ADDY & SON, Parnell, Mo.**

# ROCK BROOK FARMS

## 4th Annual Sale of Registered Holstein Freisian Cattle

125 head of all ages including 50 cows and heifers in milk or soon fresh, 25 heifers bred to calve in spring and summer, 25 heifers under 1 year old and 25 bulls from 4 months to 2 years old.

Included in the females are, Dora Ricka Priscilla 73423, who won the Nebraska Dairymen's Association test of 1909, making over 15,000 pounds of milk and over 600 pounds of butter in one year. A number of A. R. O. cows and daughters of A. R. O. cows, cows in calf to noted eastern bulls, and heifers sired by some of the best bulls of the breed.

The bull offering includes sons of such noted sires as DE KOL 2D'S BUTTER BOY 3D, KING OF THE PONTIACS, KING SEGIS PONTIAC, SUNNY JIM, THE MILK AND BUTTER KING 2D, and others.

In all this will be the grandest lot of Holstein cattle ever sold in the middle west. Every animal guaranteed a breeder.

Send for catalog.

Sale will be held in the Steam heated Sale Pavilion at the Union Stock Yards

**SOUTH OMAHA, NEB.**

**Tues. & Wed. Feb. 8 and 9, 1910**

**HENRY C. GLISSMAN,**  
**STATION B. OMAHA, NEB.**

Col. R. E. Haeger, Col. R. M. Adkins, Col. F. P. Zaun, Auctioneers.

# 30 High Class Poland China Bred Sows

and a State Fair Champion Herd Boar

—WILL SELL AT—

**Emporia, Kan., January 27**

Sale will be held on my farm 1/2 mile from Plymouth, Kan. I will sell my entire herd of brood sows and my herd boar Special Builder. This great hog was first in class and reserved grand champion at Hutchinson, Kan., 1909.

One very fine grown sow, Perfect May, tracing to Old Corrector and bred to Special Builder for an early March litter. Lady Grand by Perfect Model out of Lady Glendale bred to Special Builder. One Designer sow by Designer out of Lady Shortstop. One June gilt by Perfection E. L. dam by Old Corrector and a litter sister to the first prize grand yearling boar at Hutchinson, Kan., 1909. One Chief Perfection 2nd sow bred to Special Builder. One Meddler 2nd sow bred to Special Builder. One Voter gilt and 15 Special Builder gilts bred to Keny Corrector. I will sell a nice bunch of milch cows and several good teams of mares with foal. Send for a catalog, and arrange to attend my sale. I have sold my farm and everything sells.

**W. S. HORMEL**  
**EMPORIA, KANSAS**

Auctioneers: Col. C. C. Crouch, Tom Scofield.



# Readers Market Place

CLASSIFIED ADVERTISING

3 CENTS A WORD

The rate of advertising in this department is low, only three cents per word each insertion. There is no more popular advertising than classified advertising. Every one reads classified ads, and just because they are classified. You can reach 50,000 farmers in Kansas and adjoining states, the best farmers on earth, through this page. All ads set in uniform style, no display. Initials and address count as words. Terms invariably cash in advance.

## HELP WANTED.

**WANTED—ECONOMICAL AND PARTICULAR** people to take advantage of our prices and service. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

**WANTED—A SOLICITOR WITH HORSE** and buggy to drive through the country and solicit subscriptions. Address Circulation Manager, Kansas Farmer, Topeka, Kan.

**WANTED—LOCAL MEN TO TAKE ORDERS** for high grade western grown nursery stock. Experience unnecessary. Outfit free. Cash weekly. National Nurseries, Lawrence, Kan.

**WANTED—RAILWAY MAIL CLERKS.** Many spring examinations. Commencement salary \$800. Preparation free. Write for schedule. Franklin Institute, Dept. 0, 113, Rochester, N. Y.

**\$40 PER WEEK TO MEN WITH RIG** to sell nursery stock. Write Western Nursery Co., Lawrence, Kan.

**GOVERNMENT FARMERS WANTED.** Salary \$75 monthly. Free living quarters, fuel and light. Examination soon. Let us prepare you now. Write today. Ozment, Dept. 44F, St. Louis.

**WANTED—BUYERS AND AGENTS TO** sell our cement block and fence post machinery. Send for circulars and prices. Address W. L. Keller Cement Block Machine Co., Kearney, Neb.

**WANTED—LADY OR GENTLEMAN AS** local representative in every Kansas county. Splendid chance to make good wages without great effort and no expense. Write for particulars. Address Circulation Department, Kansas Farmer, Topeka, Kan.

**WANTED—RAILWAY MAIL CLERKS.** Let us prepare you for spring examination: 100 Free Scholarships. Pre't of our school conducted Gov't examinations. Write for Catalog and Free Trial Lessons. Ozment's College, Dept. 44R, St. Louis, Mo.

**WANTED—MEN TO LEARN THE BARBER** trade; few weeks complete, practical instruction by experienced barbers who know their business and teach it as they know it; extra large outfit of tools given with reduced tuition price; wages while learning; diplomas granted; write for free catalogue, handsomely illustrated. Schwarze System of Barber Colleges, 30 W. California Ave., Oklahoma City, Okla.; Wichita, Kan.; El Paso, Texas; 75 E. 2nd St., Amarillo, Tex. Address any school.

## POULTRY.

**MAMMOTH BRONZE TURKEYS FOR** sale. H. A. Sanborn, Detroit, Kan.

**R. C. W. LEHORN COCKERELS, \$1.50** each. C. W. Howard, Stamford, Neb.

**WHITE LANGSHAN COCKS AND COCK-** erels for sale. Mrs. A. J. Curry, Dwight, Kan.

**50 WHITE ROCK COCKERELS AND A** few good pullets for sale J. C. Bostwick, Hoyt, Kan.

**FOR SALE—S. C. B. LEHORN COCK-** erels at \$1.00 each. Mrs. Clarence Wilkin son, Hewins, Kan.

**EXTRA CHOICE RHODE ISLAND REDS** and White Wyandottes, \$1.25 up. G. S. Thomas, Geneva, Neb.

**FOR SALE—CHOICE LOT OF BARRED** P. Rock cockerels at \$1.50 each. D. N. Hill, Route 1, Lyons, Kan.

**FULLETS—WHITE WYANDOTTES, \$1.00** each. Mrs. George Downie, Route 2, Lyndon, Kan.

**FOR SALE—BUFF WYANDOTTE COCK-** erels. Write for prices. Address W. K. Heaton Garfield, Kan.

**SPECIAL PRICE ON CHOICE WHITE** Wyandotte cockerels. G. A. Welbe, R. 8, Beatrice, Neb.

**BARRED PLYMOUTH ROCKS—A FEW** good cockerels for sale at \$2.00 each. Mrs. Wm. Bumphrey, Corning, Kan.

**CORNISH INDIAN GAMES—COCKER-** els, \$2 each, trio \$4.50, 15 eggs \$1 and 100 eggs \$5. John Crawford, Clements, Kan.

**BUFF COCHINS—FINE BREEDING** cockerels, \$2.50 each; high grade, selected hens, \$1.00. Mrs. L. O. Housel, Jewell, Kan.

**ROSE COMB BROWN LEHORN COCK-** erels, scored and unscored. Write your wants. Mrs. John Holzhey, Bendena, Kan.

**WANTED—POLLED DURHAM BULL** for my place in Chautauqua county. Must be young, first class and cheap. W. S. C. Care Kansas Farmer.

**BLACK LANGSHAN COCKERELS.** Standard bred. Large bone. Green barring. One for \$2. Two for \$3. Mrs. D. A. Swank, Blue Mound, Kan.

**MAMMOTH BRONZE TURKEY TOMS.** Range raised, large, healthy and from excellent stock. \$5 each. Mrs. P. E. Lill, Mt. Hope, Kan.

**TOBACCO HABIT CURED OR NO COST.** Safe, pleasant, permanent. Physicians astounded. Great discovery. Send your address at once. King-Ni-Ko 7, Wichita, Kan.

**100 EXTRA GOOD BARRED PLYMOUTH** Rock Cockerels. They are of the E. B. Thompson strain, large birds and nicely barred, have won over 50 premiums in last three years; satisfaction guaranteed. Paul Oliver, Danville, Kan.

**Plymouth Rocks, Single Comb Brown and** White Leghorns. Price \$2.00 each. Order now, don't wait until it is too late. Address Walter Hogue, Fairfield, Neb.

**WANTED—GOOD HATCHABLE EGGS** in quantity; can use your entire output from pure bred stock (different varieties) from January to October. Why bother with small orders when we will take all as fast as the hens lay? For Sale: Baby chicks (different varieties) any quantity, any season, full count and live delivery guaranteed. Custom hatching and brooding. Eggs for hatching. Our egg contract circular and catalog for the asking. P. C. Fish Poultry Yard & Hatchery, 4334 Bellevue. Both phones. Kansas City, Mo.

## CATTLE.

**SEE US BEFORE PLACING YOUR** stock catalog printing. Western Printing Co., Ptg. Dept. Kansas Farmer, Topeka, Kan.

**FOR SALE—12 GRADE JERSEY MILK** cows, seven soon to freshen. Exceptional lot, \$800. Sayda Polo Jersey Farm, Parsons, Kan.

**FOR SALE—TWO SHORTHORN BULLS,** one red September yearling, sire Bampton Knight, out of a Gallant Knight cow. One roan pure Scotch bull, fall yearling. Sire Lord Bauff 2nd, out of Red Lady 5th, a pure Scotch cow. Harry H. Holmes, Great Bend, Kan.

**ALYSDALE SHORTHORNS—HERD** headed by Archer's Victor 22012. For Sale, Prince Consort 187008, beautiful dark red, 8 years old, sired by Imported Prince of Perth, dam full sister to "Lavender Viscount." Is a straight Scotch bull of the finest breeding. Also four fine yearling bulls, red in color, and about 8 richly bred cows and heifers, all at a bargain. Come and see them. Chas. W. Merriam, Columbian Building, Topeka, Kan.

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**WANT TO SELL—284 ACRES, 160 FARM** land, balance meadow land and pasture with everlasting water. 4 1/2 mi. to town with two railroads. Common improvements. Price \$30, also 160 for \$25. Address owner, Wm. Reddick, Blue Mound, Kan.

**FOR SALE OR TRADE—MODERN** brick and concrete 1 story store building, 40 foot front, 70 deep, double cellar, furnace heat. Suitable for dept. store. On Burlington R. R. in Richardson Co., Neb. Best location in town. Will trade for western land. F. L. Sandusky, Falls City, Neb.

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**NO. 80—30 ACRES OF CREEK BOT-** tom, balance upland, 60 acres in cultivation, 3 acres meadow, balance in pasture, a new 2 room house and small barn, good water, only six miles from the county seat and a bargain at \$3,600. J. S. Boyle, Bennington, Kan.

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Nothing but first class animals offered for sale for breeding purposes.

## SHORTHORN CATTLE.

**SHORTHORN CATTLE—50 head reg-** istered cattle. Herd headed by Royal Goods 293325, by Select Goods, by Choice Goods. Young bulls ready for service for sale. MEALL BROS., Cawker City, Kan.

**SCOTCH AND SCOTCH TOPPED** Shorthorns, 40 head. Herd headed by Popular Knight, by Gallant Knight. Some choice bull calves of fancy breeding for sale. JOHN STROH, Cawker City, Kan.

**ELMDALE STOCK FARM.** Shorthorn cattle. Herd headed by Scotch bull, Highland Laddy 243179 by Brave Knight by Gallant Knight; dam Daisy Belt by Imp. Lord Haddo. Young stock for sale. For information address Frank F. Cooke, Beloit, Kan.

**DUKE OF DUNDEE 285352, by Archer** 205740, dam by Gallant Knight, is at the head of my herd, 6 cows by Rose Duke and some by Scotchman. Inspection invited. CHAS. S. McCLEARY, Beloit, Kan.

## UPLAND HERD OF SHORTHORNS.

Headed by the Scotch Duchess of Glos- ter bull Dreadnaught, 1 red bull 20 months old out of a Lord Mayor dam for sale. GEO. W. BEEMIS, Cawker City, Kan.

## LOCUST GROVE SHORTHORNS.

Herd headed by the pure Scotch bull Glos- ter's Model 287840. Three Scotch topped yearling bulls for sale. Also a few cows with calves at side. ELMER C. CREKITT, Beloit, Kan.

**A YOUNG HERD OF UP-TO-DATE breed-** ing. Everything recorded. Our herd bull Alfonso by Magnet has produced us some great calves this season. BRINEY & BRINEY, Beloit, Kan.

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Shorthorn cattle. Poland China hogs. Silver Laced Wyandottes. E. E. BOOKER & SON, Beloit, Kan.

**FOR SALE—A few young Shorthorn** cows and some young bulls ready for service. Best of breeding. Write for information and prices. VINTON A. PLYMAT, Barnard, Kan.

## HEREFORD CATTLE.

**HEREFORD BULL CALVES** for sale. Berkshire boars for sale. Spring farrow. Will trade 2 or 3 for gilts. Boars by Commander out of dam by Speculation; grand dam, Alice Majestic, champion sow at Kansas City Royal. W. B. & J. M. Rodgers, Beloit, Kan.

**50 HEREFORD CATTLE** comprising the H. B. Woodburg herd. Some famous cows in this herd. 8 young bulls of serviceable age for sale. 4 miles from Tipton, Kan., 8 from Cawker City. JOHN SCHMIDT & SONS, Tipton, Kan.

**100 HEAD OF HEREFORDS.** The home of Caster 259475, the winner in every big show he was ever in. A few choice young heifers and cows for sale. F. L. BROWN & CO., Sylvan Grove, Kan.

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**ABERDEEN-ANGUS CATTLE—A** young but fashionably bred herd. Some fine spring calves to price later. ROY C. BIRT, Beloit, Kan.

**ANGUS CATTLE, the feed yard and** show yard type. Young bulls for sale this winter. Inspection invited. HARRY BARNES, Beloit, Kan.

**A LARGE LIST OF DESIRABLE** farms for sale on very liberal terms and prices. For further information call on or address Thomas Darcey, Real Estate Agent, Offerle, Kan.

**WHO WANTS THIS INVESTMENT?—320** acres of nice rolling, not rough land, 9 miles from town. 235 in cultivation; 35 nice meadow, a small granary only building. This is a good wheat farm and for an investment pays a good income. \$37.50 per acre. Write for list. V. E. Niquette, Salina, Kan.

**OSBORNE COUNTY BARGAIN—240 farm** 3 mi. from Downs, Kan., in the Solomon Valley, part bottom, 110 cultivated, some wheat, 20 a alfalfa, good new set improvements, close to school. For quick sale, \$45 per a. Have other fine propositions. See us if you want a good home farm, in a good county. Write or come and see us. Downs Realty Co., Downs, Kan.

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**SHETLAND PONIES—WRITE FOR** price list. Charles Clemmons, Waldo, Kan.

**FOR SALE—ONE REGISTERED, IM-** ported, black Percheron stallion, two jacks and 5 jennets. F. L. McCoy, Eskridge, Kan.

**FOR SALE—ONE REGISTERED PERCH-** eron stallion, five years old, weight 2,000. One seven-eighths Percheron stallion three years old, weight, 1,700. Ed Schmidt, Lorraine, Kan.

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**REGISTERED PERCHERONS—The** home of Vidoque (Imp.) 40403, also the brood mare Risetite (Imp.) 51115. Inspection invited. Farm adjoins town. E. N. WOODBURY, Cawker City, Kan.

**REGISTERED PERCHERON HORSES** in stud; Imported Rabelais 42529 by Cosaque by Theidus who sired Calippo and Casino. Visitors welcome. C. J. JOHNSON, Solomon Rapids, Kan.

**THE HOME OF JACQUE W. 42659** by Tlatrey, dam Imported Risetite. Inspection of my Percherons invited. RALPH G. MCKINNIE, Glen Elder, Kan.

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**LAWNDALE STOCK FARM—Olden-** burg German Coach horses. International prize winning stock. A tried stallion for sale. Inspection invited. JOSEPH WEAR & SONS, Barnard, Kan.

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**EUREKA HERD POLANDS—Durocs,** I breed both and have a nice lot of serviceable boars of both breeds for sale, and a few choice gilts. Priced right. W. H. SALES, Simpson, Kan.

## POLAND CHINA BRED SOWS.

On Friday Jan. 21, we will sell 42 high class bred sows at the fair grounds Beloit, Kan. Write for a catalog. Address, LOGAN & GREGORY, Beloit, Kan.

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**GOLDEN RULE STOCK FARM—Ght** edged Duroc Jerseys. 40 spring pigs, both sexes for sale at private treaty. Farm adjoins town. LEON CARTER, Asherville, Kan.

## DUROC BRED SOW SALE.

50 champion bred sows at auction Tuesday February 1, at my farm close to Beloit. Catalog ready. Address PEARL H. PAGETT, Beloit, Kan.

## HAMPSHIRE.

## HAMPSHIRE HOGS.

40 spring pigs, both sexes, for sale. Write for prices. A. B. DOYLE, Beloit, Kan.

## O. I. C. SWINE.

Tracing to the famous Kerr and Big Mary families. No more males to offer. A few choice bred and open gilts for sale. T. C. WRENCH, Beloit, Kan.

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**FOX, DEER, COON HOUNDS, AS GOOD** as live. Write your wants. J. R. Stephens, Calico Rock, Ark.

**COLLIES OF ALL AGES FOR SALE.** They are stock drivers, pets and home protectors, 260 head sold last year. Write for illustrated circular and prices. Would like to buy a few ferrets. Address Harvey's Dog Farm, Clay Center, Neb.



160 ACRES—6 miles from Erick, Beckham Co., Okla., all tillable, 80 a. in cultivation, all fenced, 3 a. alfalfa, well windmilled, all good dwelling and barn, all necessary outbuildings, black soil, will grow anything, 1 mile to school. I have others, write, E. A. HOLMES, Real Estate, Erick, Okla.

320 ACRES.  
5 miles Arapaho, 180 a. under plow about 20 acres in alfalfa, 140 a. grass, nearly all tillable, most all alfalfa land; 160 a. fenced hog wire, barn, large orchard, farm fenced and cross fenced, mortgage of \$2500. Price \$8,500 if taken soon. This the best bargain in Custer county. I have many others. See me for what you want.  
J. FRED BURLINGAME, Okla.  
Arapaho,

## FORCED SALE ALFALFA and CORN

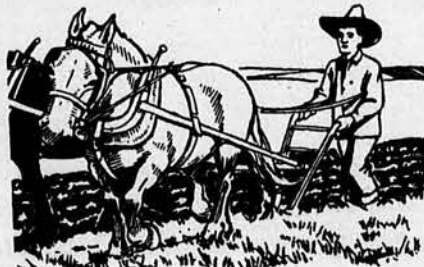
Best Improved Farm in County Sacrificed at \$27.50 per A.  
320 a., all level as floor, center of large fertile valley subirrigated, champion alfalfa field of state in same section, producing \$75 to \$100 an acre per year, soil deep dark loam; 150 a. cultivated; 7 room house, barn 56x70, both new; orchard all kinds bearing fruit; two sets improvements fine spring soft water on each quarter; 3 hog pastures; 80 acres mow land; 8 mi. Sayre, Co. seal Beckham county and R'y Div. R. I. 1 mi good town; family circumstances forces sale at once. \$27.50 an acre, terms to suit purchaser, guaranteed description.  
FRANK WINTERS, (owner)  
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Corn, wheat and tame grass farms. Cheapest lands for the money in Kansas. Large list and pamphlet free.  
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Breeder of Percherons, Shorthorns and Duroc Jersey hogs; posted in pedigrees; terms reasonable. Write or wire for date.

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Sales made everywhere. Write or wire me for dates. Prices reasonable.

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Terms reasonable. Big tent free. Write or wire me for date. Cameron, Mo.

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Twenty years selling all breeds.

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On Jan. 27, 1910, W. S. Hornel, near Emporia, Kan., will sell his entire herd of Poland China brood sows and the great herd boar, Special Builder. This hog was shown at the Kansas State Fair last year and won first in class and reserved grand champion in competition with one of the strongest shows ever held in Kansas. Special Builder is by Goodrich Special, he by Chief Perf. 2nd and out of Old Cate Keep On. He is not only a show hog with lots of size, but a breeding hog of as fancy stuff as any boar in Kansas. He is good enough individual and well enough bred to head any herd in the United States. The sows in this offering are a very high class lot and most of them are bred to Special Builder for early March litters. Send for a catalog and arrange to attend this sale. Kindly mention Kansas Farmer when writing.

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F. K. Babson, 3931 Edison Block, Chicago, Ill., is making a startling offer on the very latest, highest grade Edison phonographs. No other phonograph offer compares with this one, for Mr. Babson offers to ship free one of these superb entertainers. It is not often that you can get such an offer. Even your local merchant will hesitate about letting you take goods home on trial. But on this offer Mr. Babson does not make any conditions at all. You don't have to send a cent of your money. You are not asked to keep the phonograph. You are asked to accept the free loan. After you have had the free loan you may send the phonograph back if you wish. Here are the details of the offer: Mr. Babson will send you free a No. 10 outfit, Fireside Model, Gold Moulded and Amberol Records, of your own choosing from the large catalog of records. You are not required to sign any agreements, or any mortgages, leases or notes. Mr. Babson wants you to be free to judge this phonograph without coercion or prejudice. There is a good reason back of this free loan offer. It is a business proposition. Because the free loan gives the new Fireside Model Edison more publicity than any other known method of advertising. You are not asked to buy the phonograph. All you are asked to do is to invite your friends and neighbors to the house to hear the free concert. Your friends will be delighted, and perhaps some of them will want to buy phonographs. If they do you can tell them that they can get one at the unusually low terms of \$2.00 a month. You may decide to keep the phonograph yourself, and if you do it is certain that you will never have a better chance. But if you do not wish to buy, or if your friends do not, it will be all right. The loan is just as free to you, anyway. Even if you do not want to get this free loan at once, you should send for the catalog and full particulars of the free loan. Get the big list of music that you can listen to on this phonograph. Turn over to the Babson advertisement on another page of this issue and sign the coupon, or write a letter or postal saying that you want to learn all about the free loan offer. Address F. K. Babson, 3931 Edison Phonograph Distributors, Edison Block, Chicago, Ill., or 355 Portage Ave., Winnipeg, Canada.

Double Efficiency Gasoline Engines.  
Dealers in Fuller & Johnson Engines report a veritable landslide of buying on the part of farmers throughout the Central and Southwestern states. The wonderful work of the new Fuller & Johnson Farm Pump Engine has called attention to the unusual merit of the entire line of high-powered gasoline engines manufactured by this concern. The Farm Pump Engine is the first small engine to successfully compete with windmills. This unique engine is entirely different in design from any other pumping engine, being a complete and portable Power Plant that does not require any belts, pump jacks, arms, anchor posts or special platform. It attaches direct to any pump standard, out-pumps any windmill and works in deep or shallow wells with equally satisfactory results. Like all Fuller & Johnson Engines, it is non-freezing and will run outdoors, all winter long, if supplied with fuel and oil. It has attracted great interest at all the fairs where it has been exhibited. So great is the rush of orders that the company has been forced to build an additional factory. The larger engines, known as Fuller & Johnson Double-Efficiency Engines, are also meeting with a tremendous increase in sales. These engines are built in seven sizes, either stationary or mounted on steel trucks. They have the famous Open Water Jacket, which does away with the long lines of piping, spraying devices, stop cocks and other "trouble-makers," which are still found on many gasoline engines. All Fuller & Johnson Engines will run at 50 degrees below zero. Descriptive literature on either the Farm Pump Engine or the Double-Efficiency Engines can be obtained by writing direct to The Fuller & Johnson Mfg. Co., 676 North Ave., Madison, Wisconsin. These remarkable engines are on exhibition in the display rooms of the following dealers: Binyon Transfer & Storage Co., 15th St. and Jennings Ave., Fort Worth, Texas; Fuller & Johnson Mfg. Co., 324 N. First St., Minneapolis, Minn.; Pereboom Company, 623-625 E. Monroe St., Springfield, Ill.; Hawkeye Transfer Co., 2nd and Walnut Sts., Des Moines, Ia.; G. G. Gibbs & Co., Sioux Falls, S. D.; Younkerman Seed Co., 164 Broadway, Council Bluffs, Ia.; and Iowa Transfer Co., 676 North Ave., Cedar Rapids, Iowa.

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### AULD RED POLLS.

Herd established 7 years. Choice breeding and individuality. 3 young bulls for sale.  
Auld Bros. Frankfort, Kansas.

### FOSTER'S RED POLLS.

7 choice young bulls and a few good females for sale. My prices are right. Come and see my herd.  
C. E. Foster, Eldorado, Kansas.

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### Linscott Jersey Cattle

Established 1878. Registered in A. J. C. C.  
Any animal for sale.  
R. J. Linscott, Holton, Kansas.

### JERSEY BULL FOR SALE.

Grandson of the \$7,500 Champion Flying Fox and out of Bridget's Pride, a 6 gallon cow. He is fine color and gentle. Keeping big lot of his helpers reason for selling. Reasonable price.  
H. F. Erdley, Hiawatha, Kansas.

## GUERNSEY CATTLE

REGISTERED GUERNSEY CATTLE.  
Herd headed by Eminence of Berchwood, whose ancestors have better fat records of 668 pounds to 714 pounds per year. Herd tuberculin tested. Write for prices.  
Frederick Houghton, Galva, Kansas.

## HOLSTEIN CATTLE

### HOLSTEIN BULLS

Sired by "King of the Pontiacs," "King Segis Pontiac," DeKol 2nd's Butter Boy 3rd and other noted sires. A car load of these fellows on hand, and they will be priced to sell.  
Rock Brook Farm, Henry C. Gilssman, Prop.  
Omaha, Neb.

EAST SIDE DAIRY HOLSTEINS  
has just one bull of serviceable age left for the present; Butter Boy Shamrock, No. 59800, born Dec. 14, '09; sire Butter Boy Pieterje 3rd, whose A.R.Q. records of dam's exceeds 20 pounds in 7 days. Dam Primus Shamrock 3rd, 62972, a fine producer and a daughter of Inka De Kol's Count De Kol, good individual, handsomely marked.  
F. J. Searle, Oskaloosa, Kansas.

## SHORTHORN CATTLE

### FOR SALE.

12 bulls, 12 to 18 months; 20 cows and heifers for sale.  
Shaw Bros., Glade, Kansas.

### ALFALFA LEAF SHORTHORNS.

Special offering of four bulls. One by Archer 205740, out of a Victoria cow. Three by Nonpareil Star, one a Victoria, one imp. Edelweiss and one Christmas Gift. Also a few choice heifers of equal quality and breeding.  
John Regier, Whitewater, Kan.

## FOR SALE.

10 choice young bulls from 8 to 12 months old, part straight Scotch.  
Choice yearling and short two-year-old heifers.  
Good colors, bright red. Priced right.  
C. W. Taylor, Pearl, Kansas.  
Address Mail R. F. D. 2, Enterprise Kan.

### Evergreen Home Farm.

Milking Shorthorn Cattle, Bred Hornless, Berkshire Hogs, Oxford Down Sheep, Bourbon Red Turkeys.  
Lathrop, Missouri.

## JEWEL SHORTHORNS

A young herd of up-to-date breeding. Also Percheron and Standard bred horses. In stud, the Percheron stallion Marquis De Wierre (imp.). Also the Standard bred stallion, Red Seth 31185. Farm adjoins town. Come and see us.  
W. T. Lowe, Jewell, Kansas.

### 25 SHORTHORN COWS AND HEIFERS.

All are bred or have calf at side. A few Good Young Bulls that I am sure will suit. Everything nicely bred and in good condition. Moderate prices. Come and see us.  
D. H. Forbes & Sons, Topeka, Kan.  
R. F. D. No. 8, Bell Phone 31.

## SHORTHORN CATTLE

### SCOTCH TOPPED BULLS.

We have for sale some choice last spring bull calves sired by our herd bull, Pleasant Hill Master, one of the best sons of Master of the Grove. Will make reasonable prices on these.  
O. A. Tiller, Pawnee, Neb.

### HUMBOLDT NATIONAL STOCK FARM

Shorthorn cattle, large type Poland China hogs, 10 spring boars priced right. Write me your wants. I meet parties at trains. We can do business. Come and see me.  
H. F. Pelphrey & Son, Humboldt, Kansas.

## Center Grove Stock Farm

Scotch Shorthorn cattle and 20 bred sows and a few good spring boars of large type Poland China hogs. Write me what you want. No trouble to answer letters by phone.  
J. W. Pelphrey & Son, R. 6, Chanute, Kan.

## RENO HERD SHORT-HORN CATTLE

Bulls in service, Forest Knight 226034 and Victor Archer 264156. Breeding stock for sale.  
Stewart & Downe, Hutchinson, Kan.

## Prospect Farm Shorthorns

The oldest Shorthorn breeders in Kansas. The largest herd of Cruickshanks in Kansas. Herd headed by Violet Prince 146647 and Orange Commander 220590. Young stock of both sexes and some cows for sale. Quality and prices right.  
H. W. McAfee, Topeka, Kansas.  
Bell Phone 59-2.

## SPRING HILL SHORTHORNS

300 Head Scotch and Bates Pedigrees

C. G. COCHRAN & SONS,  
PLAINVILLE, KANSAS

## POLLED DURHAM CATTLE

### POLLED DURHAMS.

Young bulls. Cows and heifers bred to Roan Hero, the Double Standard Champion. Prices reasonable. Write for terms.  
C. J. Woods, Chiles, Kan.

### BELVEDERE X2712-195058

son of the \$1,500 Grand Victor X1685 150364 heads my herd of Doubled Standard Polled Durhams. A few extra good blocky, thick-fleshed young bulls for sale, inspection invited. Farm adjoins town.

D. C. Van Nice, Richland, Kan.

## HEREFORD CATTLE

### Jacks and Hereford Cattle.

Stocks for sale at all times. Write us what you want.  
Yates Bros., Fauett, Mo.

## BEAU BRUMMEL

10th 167719

Modern Herefords. Herd bulls, Beau Brummel 10th 167719, Beau Beauty 192235—and Protocol 2d 91715. Robert H. Hazlett, Hazford Place, Eldorado, Kansas.

## GALLOWAY CATTLE

### Twelve Galloway Bull Calves

9 to 12 months old, all extra good ones, good bone and coat of hair, most of them sired by "Imported Randolph," will sell very cheap if taken within 30 days owing to lack of feed.

S. M. Croft & Sons, Bluff City, Kan.

## ANGUS CATTLE

### 25 ANGUS BULLS 25

Ready for service. 30 bred cows and heifers, 30, sired by or bred to Champion Ito, sire of first prize calf herd at American Royal.

10 Shropshire Ewes in Lamb 10

To our Imported Show Ram.  
400 Angus in Herd.  
Sutton Farms, Lawrence, Kan.

### VIEW POINT ANGUS HERD.

15 choice cows in age from 3 to 7 years. Representatives of the Heroine, Mina, Duchess and Dimple families. All of them raised calves the past season and are bred for March calves to the great Louis of Meadow Brook, sire of champions. Nearly all of these cows were raised on our farms and are only being sold to reduce the size of herd. Low prices. Mention this paper when writing.  
Paul M. Culver, Edgerton, Mo.



**The Big Dawson Poland Chinas at Topeka.**

Every farmer wants money making hogs. Big, growthy, quick maturing hogs with plenty of finish. This is the kind that will be sold at the Topeka fair grounds pavilion on Saturday Jan. 22, by H. C. Dawson Sons, Endicott, Neb., who made such a splendid show ring record with old Expansion, Colossus 29077, Grand Look 38805 and Massive 71653. Just read over their advertisement and see what is to be offered you in this sale and then stay out if you can. Get a catalog right away by writing to Phil Dawson, Endicott, Neb., and then you cannot stay away. Pigs is pigs nowadays but the Dawson kind is more so.

**HAMPSHIRE SWINE**

Oldest herd in the West. 30 boars of serviceable age. Also bred sows and gilts.

W. F. DAVIS, So. St. Joseph, Mo.

**OHIO IMPROVED CHESTERS**

75 O. I. C. PIGS.  
Herd headed by Jackson Chief 2d. No. 12285, and Kerr Garnett 2d. No. 25438. Boars and gilts not akin for sale. Write or come and see them.

W. H. Lynch, Reading, Kan.

**BERKSHIRES****BRAEBURN BERKSHIRES.**

Pigs, high-class in quality and breeding.  
H. B. Cowles, Topeka, Kan.

**RIDGEVIEW BERKSHIRES.**

2 herd boars for sale. 1 two-year-old by Forest King, other males of different ages. Sows and gilts open.  
Manwaring Bros., Lawrence, Kan.

**BERKSHIRE BOARS AND GILTS**

For sale. Long bodies, smooth spring pigs. The best breeding and excellent individuals. No culls shipped. Visitors welcome.

J. M. NIELSON, Marysville, Kan.

**BERKSHIRES—OVER 250 HEAD.**

To select from. Choice boars and females of various ages. Baron Duke 7090 and Masterpiece 77000. Spring pigs for sale. We guarantee satisfaction.  
Write LEON A. WAITE, Winfield, Kan.

**NEW YORK VALLEY HERDS BERKSHIRES AND SHORTHORNS.**

25 years' experience with these breeds. Sows bred to and sired by Field Marshal 103200 and Lee's Masterpiece 99715. Young stock for sale. 50 spring and summer boars and gilts at \$25 each; two extra fancy herd leaders at \$50 each. Bred sows and gilts from \$35 to \$100 each. Write your wants. Visitors always welcome.  
J. T. Bayer & Sons, Yates Center, Kan.

**SUTTON BERKSHIRES**

Were champions at the American Royal and International Shows. 30 bred gilts, 150 to 350 lbs., sired by or bred to our wonderful sire, Berryton Duke Jr. or Star Duke 4th, junior champion at International Show. Guaranteed strictly choice, with short heads, size and quality. Also 10 fancy boars, 125 to 300 lbs.

500 Head in Herd.  
Sutton Farms, Lawrence, Kan.

**POLAND CHINAS**

SNYDER BROS.' HIGH CLASS POLAND CHINAS.

Either sex, bred sows and bred gilts, priced right for quick sale. Write your wants.  
Snyder Bros., Winfield, Kan.

**SPANGLER'S BIG POLANDS.**

For sale now, 25 big smooth spring boars and 25 gilts, mostly by Spangler's Hadley. Some top stuff among these, but all priced to sell.

J. D. Spangler, Sharon, Kan.

**POLAND CHINAS.**

20 early spring Poland Chinas, tracing to the large type Expansion—will sell them bred or open, a few choice spring boars, prices reasonable; satisfaction guaranteed.  
Oliver & Sons, Danville, Kan.

**SPRING BOARS AT BARGAIN PRICES.**

Out of sows by S. P.'s Perfection, Chief Perf. 2nd, Spellbinder and others. These young boars are fine individuals and by Sportsman and Corrector and out of a Meddler dam. Write me your wants.  
John B. Breeze, Bayneville, Kan.

**MELBOURNE HERD POLAND CHINAS.**

I have a few choice spring boars and gilts sired by Gold Metal, Hadley Boy and Klever Boy for sale at moderate prices. Let me know your wants.

John C. Halderman, Burchard, Neb.

**HIGHVIEW BREEDING FARM.**

The only registered herd of big boned spotted Poland on earth. Write for catalog of my big bred sow sale Feb. 10.

H. L. Faulkner, Box K, Jamesport, Mo.

**GRAND PERFECTION NO. 77890.**

Spring pigs by this boar and out or richly bred dams for sale, either sex, at \$20 each to move them quick. Write at once.

Jewell Bros., Humboldt, Kan.

**10 SPRING POLAND BOARS 10**

Big, husky fellows, sired by Orphan Chief Jr. and Hutch Jr., out of strictly big type sows; low prices.

J. F. Menehan, Burchard, Neb.

J. C. Robison, owner of the famous Whitewater Falls Percherons at Towanda, Kan., has changed his advertising card and calls attention to his forthcoming sale, which will be held on Feb. 15. For several years Mr. Robison has succeeded in breaking records at each of his annual sales and predictions are freely indulged in by the knowing ones that he will do the same thing at this sale.

**The Big Poland Sell Jan. 20.**

We wish to again announce that on Jan. 20 Roy Johnson of South Mound, Kan., will sell a draft of the large, stretchy Poland. Farmers and breeders will never have a better chance to buy good, useful breeding stock than this sale will offer them. Look up ad on another page and arrange to attend.

**Arthur Nies.**

The above likeness is Arthur Nies, of the well known Poland China firm of F. G. Nies & Son of Goddard, Kan. Mr. Nies and Son will hold a Poland China sale at Clearwater, Kan., Jan. 27, 1910, and sell 65 head of valuable brood sows. They are selling the very best they have in their herd. Most of these sows are bred to Modern Monarch, one of the best breeding herd boars in Kansas. Look up their ad on another page and attend this sale.

**The Glissman Holstein Sale.**

An opportunity that will be appreciated by Kansas buyers will be afforded in the great sale of Holstein cattle which will be made by Henry C. Glissman at South Omaha, Neb., on Feb. 8 and 9. In this sale 125 head of cattle will be offered of which 50 will be cows and heifers in milk, 25 heifers bred to calve in the spring, 25 heifers under 1 year old and 25 bulls. Every hoof in this offering is needed in Kansas right now. Remember the date and send for a catalog now so you will not forget it.

**The Big Bloomington Horse Sale.**

The big thing in horse sales will be pulled off at the Coliseum in Bloomington, Ill., on Feb. 1, 2, 3 and 4 when 450 head of different breeds will be disposed of. The bulk of this offering will be of the draft breeds with Percherons predominating though there will be about 100 head of lighter horses for driving, saddlers, and general purposes. One hundred head of the drafters are thoroughly acclimated while 150 are of fresh importation. The catalog is now ready and will be furnished by C. W. Hurt, Arrowsmith, Ill. Here will be a chance to get new motive power for the farm or new breeding blood for your stables.

**A Big Poland China Event.**

In this issue Logan & Gregory, Beloit, Kan., are advertising their dissolution sale of Poland Chinas. As has been announced in this paper this sale is made to close up a partnership, as Mr. Gregory is leaving the state and Mr. Logan moving to a fine Solomon Valley farm near Beloit which he has recently purchased. They decided the only correct way to wind up their business so far as this great herd of Poland was concerned was to make a sale. There will be brood sows in this sale that it will be hard indeed to estimate the value of. The breeding is all that could be desired and the intelligent handling they have received makes them valuable as brood sows. The spring gilts have been picked from a large number and nothing but the choice ones go in this sale as the rest will be sold at a big farm sale later. J. W. Johnson of Kansas Farmer will be at this sale and will handle any bid entrusted to his care in a satisfactory manner. Write him in care of Logan & Gregory, Beloit, Kan. Catalogs are ready now. A postal card brings one by return mail.

**Percherons at Abilene, Kan., Jan. 25.**

The big combination Percheron sale to be held at Abilene, Kan., Tuesday Jan. 25 will be one of the biggest events of the season. In this sale will be the great mare Infanta 3051 bred by Aevry & Son and sold at their closing out sale. She was one of their show mares and one of the greatest mares they ever bred. Infanta is a beautiful bay with star in forehead. She weighs about 1900, a splendid working mare and in foal to the great Imported horse Pacificque 52743 (67217) Infanta was sired by Favorite he by Brilliant 111, 11116 (2919) one of the most noted Brilliant horses ever brought to this country. Her dam was Imo 22949, also by Brilliant 111. This mare is a foundation for any one wanting to engage in the Percheron business she can do as much work as anybodys mare and raise a \$500 colt each year. Mr. Peak also puts in the excellent matched teams of beautiful gray mares Alberta 41951 and Keota Nellie 47054. The first named was sired by Black Honnfleur (23750) by Parfait 111-10727 (12939) her dam was Gilberta 19917 a granddaughter of Brilliant 1271 (755). Keota Nellie was sired by Niagara by Theudis and he by the noted Besique (1902). Her dam was the fine mare Keota Button 17161 sired by Francillion 9842 (10428). This handsome young pair of mares are both in foal to Imp. Rapids 53367 (65988). They weigh about 1850 each, and are splendid workers both raised fine colts the past year. Mr. W. H. Rhodes is consigning the mares Camelia Quenn 111 44599, Ethel M. 60007 and Flare 57214. All three of these mares are black. The first named was sired by King Cordover 25960 by Bambin 16688 (34654). Her dam was Camelia 14075 by Calman 9930 (15154). She will be heavy in foal and is a most excellent worker. Ethel M. was sired by Lorin 10992 (20502) and her dam was May 48714 Grimoald by Gri Gri (14302), belonging to the French Goernment. Ethel M. weighs 1750 pounds and is in foal to Casino. Flora is a coming two year old, and a good one sired by Romulus 56291, (56146). Her dam is the mare Camelia Queen. Write for catalog to W. H. Rhodes Manhattan, Kan., mentioning Kansas Farmer.

**POLAND CHINAS****BIG TYPE POLAND CHINAS.**

For quick sale few Aug. and Sept. boars, out of grandson of Expansion and Victor X. L., winner of World's Fair, 3 of the boars out of Lady Youtell 4th, the dam of Prince Youtell. Cheap if sold soon.

J. H. Harter, Westmoreland, Kan.

**STRYKER BROS.' HERD POLAND CHINAS.**

The greatest show and breeding herd in the West. Write your wants and they will please you. Hogs any age at reasonable prices. Buy the best and make the most. They breed the kind that win, the kind you want. Address

Stryker Bros., Fredonia, Kan.

**POLAND CHINA BOARS AND GILTS.**

Early boars all sold, few younger ones at reasonable prices. Also spring gilts, will sell them and ship after they are bred and safe to my young Expansion boar.

S. B. Amcoats, Clay Center, Kan.

**SOUTH MOUND STOCK FARM LARGE TYPE POLAND CHINAS**

Herd headed by Orphan Chief (50986), John Ling (49897), and Logan Ex. (51715), and contains 30 great strictly large type sows, the equal to which is hard to find in one herd; the produce of which I will guarantee to be much larger and with as much quality as any medium type herd. Choice spring pigs and they are very choice, me know your wants and mention Kansas Farmer.

ROY JOHNSTON, South Mound, Kan.

**DUROC JERSEYS****DUROC JERSEYS****ELK CREEK STOCK FARM DUROC JERSEYS**

Two valuable mature herd boars for sale. 100 spring pigs to select from. Best of breeding and individuality. Always something for sale. Come and see my herd or write me.

J. E. JOINES, Clyde, Kansas

**GILTS RESERVED FOR MY FEBRUARY 2 BRED SOW SALE.**  
Big, growthy spring boars for sale at bargain prices. Bred right and fed right. Priced right.

E. M. MYERS,

Burr Oak, Kan.

**BOARS BOARS BOARS BOARS**

15 good ones left sired by the \$2,500 King of Col's 2nd. Prices consistent with time of year. Bred sow sale at Clay Center, Feb. 7th.

FRANK ELDER, (successor to Grant Chaplin) Green, Kan.

R. & S. FARM.  
In their Bred Sow Sale, Feb. 3, 1910, at Smith Center, Kan., will offer about 40 select Golden Ruler Gilts bred to King of Kant Be Beat 83333, and R. & S. Prince of Beat 83797. Also a few tried sows bred to Golden Ruler 80555. King of Kant Be Beat is 2 years old and weighs 800 lbs. Has a 10-inch bone and stands perfect on his feet. Breeders should sit up and take notice of such an offering.

Rinehart & Slagle,

Smith Center, Kan.

**DUROC JERSEY BOARS AND GILTS.**

The tops of my spring crop. Sired by the Champion Chief Tattarrax and G. M.'s Carl Col. Dams of the richest breeding. Reasonable prices.

Geo. M. Hammond, Manhattan, Kan.

**SELECT BOARS**

at a bargain, by champions at two state fairs, B. F.'s Ohio Chief and Top Comadore, and by dams of equal breeding.

S. W. Alfred, Sharon, Kan.

**Hanley Strain of Durocs**

Write for prices.

Paul B. Johnson, Leavenworth, Kan.

**HOWE'S DUROCS.**

Special prices on boars and gilts sired by Rex K., champion at Wichita fair this year. Also a few by Perfect Improver, grand champion at Wichita 1907 and 1908. Only a few left, get busy and send in your order.

J. U. Howe, Wichita, Kan.

**CEDAR LAWN HERD.**

Nice lot of spring boars, sired by Long Wonder, Bells Chief, Rose Bell and Top Model, a choice lot of fall gilts open or bred, priced right to sell quick. Write me at once.

F. M. Buchhelm, R. D. 3, Leocompton, Kan.

**COPPINS CREST HERD DUROC JERSEYS.**

For sale, a few choice spring boars and one yearling. These are sired by Royal Improver, Perfect Improver, Chief Tattarrax and King Ingomar. Priced right and all first class herd headers.

H. A. J. Coppins, Potwin, Kan.

**BRED SOWS AND GILTS FOR SALE.**

By Bonney K 47075 or others bred to him. Also both sows and gilts bred to Kant Be Beat 2nd. I will sell choice bred sows with Pearl H. Pagett at Beloit, Kan., Feb. 1.

R. G. Sollenburger, Woodston, Kan.

**CHAPIN & NORDSTROM**

We have for sale 6 of the best boars we ever raised. Sired by noted Col. boars and out of great sows. Prices from \$25 to \$100. Among them are show prospects for next season.

Chapin & Nordstrom, Green, Kan.

**POLAND CHINAS****BOLLIN'S POLAND CHINAS.**

We have for sale some very good spring boars. Write and get our prices on an extra high bred gilt or bred sow. These are representatives of the very best blood strains of the Poland China breed. We give customers satisfaction. Write today for particulars. John Bollin, R. D. 3, Leavenworth, Kan.

**POLAND CHINA SALE, JAN. 24, 1910.**

23 bred sows, 10 gilts, 10 boars, 17 summer and fall pigs. Send for catalog and come to my sale.

Chas. H. McAllister, Carmen, Okla.

**EXPANSION POLAND CHINAS.**

A choice lot of Expansion bred fall pigs, both sexes, September farrow for sale. Nice, thrifty pigs and will be sold worth the money. Mostly Expansion blood, though I have other good ones for those who want them. Get your orders in early.

W. E. Willey, Steele City, Neb.

**GREENWOOD HERD DUROC JERSEYS.**

Herd boar Dandy Duke 64663, few choice spring boars for sale and few extra good spring and fall gilts, few tried sows bred for spring litters. Write or come and see me.

R. D. Martin & Sons, Eureka, Kan.

**CROW'S DUROC JERSEYS.**

Herd headed by Climax Wonder, he by Missouri Wonder. 100 head to select from. Prices reasonable. The electric car runs within three blocks of my farm. Come and see my herd at any time.

W. R. Crow, Hutchinson, Kan.

**"DUROCS GROWN IN THE OZARKS."**

Ohio Chief and Col. Blood. Litters by Muncie Chief, Model Prince, King of Moders, Inventor, The King I am Advance; several by Col. Carter, my leading bred boar. They are grown right, are good, and we answer all letters of inquiry.

C. I. Carter, Cabool, Mo.

**Fitch's Kant- Chief Improver**

A nice line of March and April boars to price worth the money after August 1. Write any time for prices and information.

W. T. Fitch, Minneapolis, Kan.

**SPRING BANK HERD DUROCS.**

Herd headed by W. H.'s Colonel, the first prize junior yearling boar at Hutchinson fair, 1909, and Chief's Orion, the third prize aged boar at Kansas State Fair, 1909. A few choice spring boars and sows bred to either of the above named boars for sale.

W. H. Williamson, Raymond, Kan.

**FOR SALE—WORTH THE CANDY.**

Sows and gilts by Tip Top Notcher. Hanley Buddy K 4. Ambition bred to 1st prize boar at St. Joe, 15 good boars, sows and gilts all ages, bred or open. Hogs for the breeder or farmer. Write

J. E. Weller, Faucett, Mo.

(15 miles from St. Joe.)

**WEST RIVERSIDE STOCK FARM—**

Durocs as good as the breed affords. Ohio Chief, Tip Top Notcher, Buddy K IV, King of Cole, Gold Cloud. Blood lines with the individuality to back up this breeding. Write me for prices and let me know your wants. Mention Kansas Farmer.

H. E. Fisher, Danville, Harper Co., Kan.





Why Don't YOU get this Phonograph  
On **FREE TRIAL?**

Think of it! Thousands and thousands and thousands of people have been given the opportunity to hear in their own parlors concerts and entertainments by world famous musicians — just such entertainments as the greatest metropolitan theatres are producing. So far you have missed all this. Why? Possibly you don't quite understand my offer yet. Listen —

plain out-and-out offer to ship you this phonograph together with a dozen records of your own selection on a free trial so that you can test it in your own home. I can't make this offer any plainer, any clearer, any better than it is. There is no catch about it anywhere. If you will stop and think just a moment, you will realize that the high standing of this concern would absolutely prohibit anything except a straightforward offer.

**Remember: You Don't Have to Buy It:** All I ask you to do is to invite as many of your friends to hear this

I know that there are thousands and thousands of people who have never heard the Genuine  
 Edison Phonograph. Nearly everyone is familiar with the screechy, unnatural sounds pro-  
 duced by the imitation machines (some of which are high interior are very expensive). After  
 hearing the old style and imitation machines, some people become prejudiced against all  
 kinds of "Talking Machines." Now there's only one way to convince these people that the  
 Edison is superior, and that is to let them actually see and hear this remarkable  
 instrument for themselves. That is why I am making this offer. I can't tell you one-  
 twentieth of the wonders of the Edison, nothing I can say or write will make you  
 actually hear the grand full beauty of its tones. No words can begin to describe the  
 tender, delicate sweetness of which the genuine new style Edison repro-  
 duces the soft, pleading notes of the flute or the thunderous, crashing  
 harmony of a full brass band selection. The wonders of the new style  
 Edison defy the power of any pen to describe. Neither will I try to tell  
 you how: when you're tired, nervous and blue, the Edison will soothe  
 you, comfort and rest you, and give you new strength to take up the  
 burdens of life afresh. The only way to make you actually realize  
 these things for yourself is to lend you a Genuine Edison Phono-  
 graph free and let you try it.


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the tender, delicate sweetness of his  
duces the soft, pleading notes of  
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burdens of life afresh. T  
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Just sign your name and address on this coupon now and mail it to us. I will send you our superbly illustrated Edison Phonograph Catalog, the very latest list of Edison Records, and a 150-page book, "The Edison Edison Gold Moulded and Amberol Records" (one of them) and our Free Trial Certificate entitling you to this grand offer. Sign this coupon now, get these catalogs and select your records at once. Remember, the free concert. Sign this coupon right now or send a postal card or letter if you prefer. But don't miss this offer. Sign the coupon and mail it right away, it now. No obligations—just get the catalog. Sign the coupon and ask for it. Address F. K. Babson, Edison Phonograph Distributors, Edison Building, Chicago.

**F. K. BABSON, Edison**

and you this Genuine Edison Standard Outfit (the newest model), with one dozen Edison Gold Moulded and Amberol Records, for an absolutely no money down or in advance. There are no C. O. D. shipments; no mortgages on the outfit; no papers of any sort to sign. Absolutely nothing but a choice of your own selection on a free trial so that you can hear it and play it or than it is. There is no catch about it anywhere. If you will stop and think, you will prohibit anything except a straightforward offer.

**You Don't Have to Buy It:** All I ask you to do is to invite as many as possible of your friends to hear this wonderful new style Edison. You will want to do that anyway because you will be giving them genuine pleasure. I feel absolutely certain that out of the number of your friends who will hear your machine there will be at least one and probably more who will want an Edison of their own. If they don't, if not a single one of them orders a Phonograph (and this sometimes happens) I won't blame you in the slightest. I shall feel that you have done your part when you have given these free concerts. You won't be asked to act as our agent or even assist in the sale of a single instrument. In fact, we appoint no such agents, and at the rock-bottom price on this wonderful new outfit we could not allow any commission.

**If You Want to Keep** The Phonograph—that is if you wish to make the Phonograph your own, you may do so, but it is not compulsory. I am asking you merely to send for a free demonstration. I won't be surprised, however, if you wish to keep the machine after having it in your own home. If you do wish to keep it, either remit us the price in full, or if you prefer, we will allow you to pay for it on the easiest kind of payments.

**Our Easy Payment Plan.** There are so many people who really want a phonograph but who do not have the ready cash to pay for it all at once that I have decided on an easy payment plan that gives you absolute use of the phonograph while paying for it. \$2.00 a month pays for the outfit. There is absolutely no lease or mortgage of any kind, guarantee from a third party, no going before a notary public, in fact no publicity of any kind, and the payments are so simple that you never notice the payments.

**Owners of Edisons—1909 Model Equipments Now Ready!** All those who already own an Edison Phonograph can wonderfully improve their old machines, making them almost like the new 1909 machines, and can also get the SUPERB new 1909 Edison **Amberol** records, the loudest, clearest, most beautiful records ever made, playing **TWICE AS LONG** as any of the records heretofore made. **Owners of Edisons**—write for free circular A.A., describing all this.—F. K. BABSON, Manager.

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