FOR THE IMPROVEMENT

OF THE FARM AND HOME

olume 49, Number 4

TOPEKA, KANSAS, JANUARY 28, 1911.

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# The American Farmer a Ceat Packer

farmers of Kansas, which is of the first live stock states in the on, buy from the butcher shop anfrom \$3,500,000 to \$7,000,000 orth of meat. They produce this eat themselves. It consists chiefly breakfast bacon, ham, salt pork and sh beef. These meats will retail from 35 to 40 per cent more than ir wholesale prices at the packing uses, if the figures given out by Sec-ary Wilson are correct. It is safe say that, allowing for transportan from farm to packing house, the ing, selling, etc., of these meats en returned to the farmer through retailer, are bought by him at an ease of at least 50 per cent. In ng this they contribute to the profof the other man one-half the value the stuff they themselves produce. This startling statement served as introduction to one of the most hiy valuable and interesting pass that has ever been delivered to Kansas audience. President H. J. Hers of the State Agricultural Coladdressed the largest attendance the membership of the Kansas Imed Stock Breeders Association has been had for years. Repre-tative Hall was crowded with inested listeners to hear the Presiat tell of facts which are of vast erest to them and about which he bws more intimately than do most

President Waters had sent out a session of questions to some 600 promite farmers in every one of the 105 inties of Kansas. He received ansers from 97 different counties, and se answers when summarized owed that very few farmers cure the meat that they need for home: that there is very little cooperation in killing on the farm, as might the case if beef clubs were organd, and that it is a common practice ording to these letters to depend on the butcher shop and farm poulfor the family meat supply during mask to nine months of each year, imates as to the value of meat light by the average farm family of the persons varied from \$10 to \$300 a.m. The average was \$55, and on se basis the Kansas farmer's total at bill is \$7,335,000 a year, or the to support the entire state ferment and the schools for two

resident Waters then brought up question of why the farmers had sed to cure meat for themselves. former years when the farm was to nearly the center of family life when the family lived more comtely upon the produce of the farm less upon breakfast foods and ned goods, it was the practice to e all meats except poultry that required by the family for a required by the family for a r. Beef clubs in neighborhoods conted in this work, but the inased prosperity of the farmer and recent high prices of animals on hoof has permitted the meat curindustry on the farm to become ost a lost art.

cing an expert in such work as he in all other work pertaining to a life, President Waters was deep-concerned about these questions. The reported that his numerous letters the farmers brought out the fact the generally speaking, they did not meat on the home farm because did not know how. Another contingent reported that they

President H. J. Waters Tells of The Economy of Home Cured Meats

did not have the necessary facilities including the smoke house, while some reported that the meat spoiled, that insects interfered with its keeping, that it became strong in the summer time, or that it got so salty as to be unpalatable, all of which are confessions of ignorance as to how to cure meat.

An elaborate equipment is not necessary for the curing of meats. A wooden smoke house with an earth floor will answer every purpose, and the profits paid to the packing house and the butcher shop for one year on the basis of the average cost of \$55 per family mentioned before, would buy all of the equipment needed by the farmer, although not of the best or most convenient kinds. Killing should be done by the end of January, though for best results, about the Christmas holidays is the time. This would allow ample time to cure and

smoke the meat and have it stored away before the arrival of the insects which produce the skippers of which some farmers complain. Beginning with a march or April hog of 200 to 225 pounds, the curing is a matter of personal skill and attention. There are several ways of producing ham or bacon with superior flavor and one of the essentials in any process is length of time.

The reason the packing house ham is so lacking in flavor is because it is cured and sold quickly. Generally speaking, there are two methods of curing meat in common use, both of which are good. These are the dry cure and the brine cure and the farmer should choose the one he likes best, though it is true that the highest quality and richest flavor will be produced through the use of the dry cure. Brine destroys a considerable quantity of the soluble protein in the

meat and thus removes an element of flavor and food value. Any piece of meat which has been soaked or even wet is never again as good as it was.

There is no best way of curing meat. It is largely a matter of taste and judgment. Here is the approved dry cure: For 1,000 pounds of meat use the following compound: 40 pounds of common salt, 10 pounds New Orleans sugar, 4 pounds black repper, 1½ pounds of saltpetre and ½ pound of Cayenne pepper. Weigh the meat and use such parts of the compound as that weight is a part of 1,000. Allow the meat to cool thoroughly and after the ingredients have been properly mixed use one-half of the amount for rubbing into the meat. Place the meat in a dry, cool place but never in a cellar. Allow it to remain for two weeks and then rub on the remainder of the cure and let it lie for about six weeks, when it is ready to smoke Smoking should be done slowly and should occupy from four to six weeks with very little heat. Slow smoking gives a very delicate flavor. After smoking is finished wrap each piece in paper, put in an unwashed flour sack and hang in a dry place.

in a dry place.

President Waters exhibited a ham to his audience which had been cured four years ago. This ham was covered with a sort of mold and had a dried up appearance. It was not an attractive looking object, but the audience was assured that when the mold was brushed and washed off and the ham boiled whole it would prove to be of delicious flavor and high quality as the nutrient elements were all preserved. Any one who has never tasted home cured ham can scarcely realize the possibilities in delicious flavor and good value it possesses.

The brine cure requires exactly the same materials as the dry cure with the exception of the pepper. When the meat is properly cooled it is rubbed with salt and allowed to drain over night. It is then packed in a clean barrel with the heavier pieces like hams and shoulders at the bottom. For every 100 pounds of meat use 8 pounds of salt, 2 pounds brown sugar, and 2 ounces saltpetre. Dissolve these in 4 gallons of water and cover the meat with the solution. The thin sides of meat should remain in this solution from 4 to 6 weeks, and the hams from 6 to 8 weeks. After the meat has been thoroughly cured and dried it may be smoked as in the case of the dry cure.

Judging by the attitude of his audience and by the letters which have been received by him since the delivery of his address, President Waters could not have selected a more timely subject or one of more immediate interest to his auditors. There can be no question that home cured meats have a delicious flavor that can not be secured in the packing house products because of the difference in process of curing. Hog killing time comes at a season of the year when there is not a great deal of extra work to be done, and cooperation among the neighbors in this matter would secure this delicious product for their own eating and result in a saving of a very considerable item of expense to each family concerned. It is a matter of fact that the profit to be derived from the farm in the future will come through economy in produc-

(Continued on page 5.)

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# **MENSAS FARMER** EDITORIA

THE FAMILY READING MATTER. Good reading matter is a necessary

part of the equipment of the modern home; more especially of the farm home. Perhaps the city man does not need reading matter so much as does the farmer, though he would be the better off for having it. But in the farm home it is not only needed but it is more highly appreciated than anywhere else. A library of good books is a wellspring of mental life and moral uplift but these must be well selected and they must be supplemented by magazines and newspapers. Books and magazines are the solid meat of the mental meal; newspapers are the dessert. Standard works on farm buildings, stock breeding, special crops, horticulture, soils and poultry should be read and preserved for reference. The learned man is not he who has read all books but he who knows where to find what he needs in them. Of the magazines the farm paper will come first as it is the trade journal of the farmer. In this he demands real information which will help him in his business and home life. Not a political paper nor yet a newspaper, nor a mixture of the two. He can get such matter as they would afford elsewhere. The real farm paper is the extended text book, the encyclopedia, to whose weekly sections he can turn for the latest current information with the assurance that it is reliable.

His farm paper, the one farm paper for him, should be published in his home state. He may take many others but the one which is and must be of greatest value to him must be the one which is published at home and which deals with those conditions under which he must live and work. Many such papers are published in these United States, and they are excellent, but such a paper published in Maine or Georgia would have comparatively little value to the Kansas farmer whose surroundings, crops, weather conditions and soils are so different from those of other states.

There is no investment which the farmer of today can make which pays such big dividends as does the real farm paper. It is his companion, his aid and his councellor and he gets many times its cost in the practical information contained in its columns besides the aid rendered him in other For instance, with his subscription to his farm paper the farm-er has an opportunity to buy other farm papers and standard books at special prices. This is an opportunty not offered elsewhere and a reference to our advertising columns will show its full meaning.

Perhaps even now you are thinking about seed for the season's planting. If so you are in the position of having a supply on hand; of having a surplus which you can sell or of having to buy for your own use. In ther case it will pay you to test the seed which you propose to plant and upon which your next season's success or failure will depend. If you have eed for your own use you cannot aford to be uncertain about its quality. If you have some for sale you can get a much better price by being able to certify as to its quality, while if you must buy you want your money's worth. Corn is easily tested but with he smaller seeds the matter is somewhat more difficult. In any case a ood seed cleaner or fanning mill is necessary for best results. In the case of grass, alfalfa or other small seeds there is the double danger of poor germinating powers and a mix-inc of other seeds. The weed seeds may be eliminated by the fanning mill in some cases but if the seed is very foul it is better and cheaper to reject it entirely than to sow future trouble for yourself. If you cannot lest seeds for both germinating powers and impurities then send a samble to the Agricultural Experiment Station and get exact information about it. This will pay.

A number of the larger cities of the country are holding land shows with the ideas of the country are holding land shows

with the idea of affording an educational exhibit of the farming re-sources of their several states and with the more immediate purpose of inducing immigration. Census figures and economists are both warning the people that farm conditions

With which is combined FARMER'S ADVOCATE, established 1877. Published weekly at 625 Jackson St., Topeka, Kan., by the Kansas Farmer Company.

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CONTRIBUTIONS—KANSAS FARMER is always glad to have correspondence on all farm, live stock or household subjects. Your name should be signed to all communications and they should always be addressed to

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are not what they should be and that our cities are growing much too fast for the growth of the country popula-They point out that the lure of the city which yearly calls many of our brightest and best from the farm to the town together with the enormous immigration of foreigners who almost invariably locate in the cities, has increased the non-producing element too rapidly and a scarcity of farm products is sure to result. One way of stemming this tide towards the city is to interest people in the possibilities of farm life and this the so-called land show is intended

At its meeting held in Chicago during the International the committee on the W. A. Harris memorial decided that the monument should take the form of a bust of Colonel Harris mounted upon a suitable pedestal; that this monument should be located upon the Kansas State Agricultural College grounds at a specific point to be selected by a special committee; that a committee consisting of President H. J. Waters of the Kansas Agricultural College, A. H. Sanders of the Breeders Gazette, Chicago, and B. O. Cowan, assistant secretary of the American Shorthorn Breeders Association, Chicago, be authorized to enter into contract with an artist for the construction of the memorial and pedestal at a cost not to exceed \$1,500. It was also agreed that designs for the memorial should be submitted to the committee at Manhattan as early as possible. \* \* \*

The present state administration favors taking the office of State Fish and Game Warden out of politics and putting it upon a scientific basis. If this office is ever to amount to anything in the way of good to the state and not to the office holder alone it surely must be both taken out of politics and placed upon a scientific basis. A good many years ago there was considerable agitation in regard to damning the draws and the construction of artificial ponds as a conservation measure. The idea was right and under the direction of a scientific warden the enjoy the benefits of such conservation and have an occasional fish or quail on the side.

× × In his annual address before the fourteenth annual convention of the American National Live Stock Association, President Jastro gave out the following conviction: "There is something artificial and unsubstantial about the magnet which draws labor from the farms and ranches to the cities and factories, and this pertinently and ominously suggests many inquiries relative to our future wel-fare and prosperity. Agriculture has been the basis of our prosperity ever since we became a nation. In the earliest periods of our national life our

imports largely exceeded our exports. In later years the exportation of the surplus products of our soil reversed conditions, and the balance of the in-ternational trade has been largely in our favor. We have purchased with a lavish hand the products of other countries in exchange for our agricultural surplus. Now we notice in our foreign trade a steady diminution of the exports of manufactured articles. I do not regard this as a healthy condition. I am fearful that the diversion of our energy from the farms and ranches to the factories spells an unnatural development which may i time reast most severely upon our na-

Kansas is largely a limestone country and while this fact has been of immense value to her agricultural soils, it may have in it an element of danger as well. Because of its porcharacter and its solubility water a limestone country affords more opportunity for the pollution of wells and springs than exists over any other rock formation. It is not merely convenience which demands better sanitation about our homes, it is health and even life itself. Water percolating through sandstone is purfled but that through limestone may carry contamination a considerable distance.

Now is a mighty good time to devote some study to the seed and nursery catalogues. They are always interesting reading but now they may be made a profitable study. Kansas is a great state but she needs more people to develop her mighty resources. In order to get these people and hold them here there must be some attraction. Big crops of grains and fruits will do it but people will come more readily and stay longer if there are some shade trees and rose bushels in the life we have to offer

Some people, and especially farmers, have gotten the idea into their heads that because they do hard physical work, most of which is out of doors, they do not need any recreation. Some others look forward to the time when they can afford to cease work altogether and simply "loaf and con-tent their souls." One of these ideas is as bad as the other and both are wrong. No man or woman can afford to work without recreation any more than they can afford to drop all work and loaf. The man who works continuously without relaxation becomes an automaton and lacks that much of being a man. The man who makes a successful loafer must have been trained for his job. An active farmer or business man who tries to become a loafer, permanently, will almost surely become an invalid or worse. Rest is necessary and recreation is equally so but the latter may be found in a change of work.

BUSINESS AND FARMING.

Perhaps at no time and in no country have commercial interests been so active in agricultural welfare as at present in the United States. Evidences of this are seen on every side. The railroads, which represent one of the largest aggregations of capital in the world, are not only running educational trains at their own expense for the direct benefit of the farmers but they are buying pure bred stock for their use; establishing experimental farms and, in one case at least, actually buying up cheap farms, improving them and selling them at cost

These things are not done from charitable motives, although no money is made on the initial transaction. It is purely a business matter for the railroads to do these things. The men who are responsible are keen, far sighted business men. They realize that there is no new country to open up and their own growth and development will depend, in the fu-ture, upon the agricultural prosperity of the territory which they now oc-

Up in Chicago, next month, there will be held a meeting of grain dealers who compose one of the greatest a sociations of business men in this country. The chief object of this meeting is a discussion of ways and means for obtaining larger yields of better crops. To aid them they have invoked the aid of the Department of Agriculture, the experiment stations, grain dealers, millers, railroads, corn shows, bankers, farmers, clubs, breeders' associations, implement manufacturers, and a host of other interests. These men want better seeds for the farmers and are going to get them if they can. This is not a charitable proposition in any sense. It is plain business.

Early in the present month there was held another great meeting in Chicago which is of vast import. This resulted in the organization of a national record association in which all of the record associations of this country are brought together for the purpose of improving the live stock of America. This new association will attempt by united action to secure the passage of needed state and national laws for the benefit of the live stock interests; a uniformity of custom and of premium lists at state fairs and stock shows; railroad rates on breeding and on exhibition stock and other matters of value to all. The associations forming the membership of this organization represent more than 100,000 active breeders in every state. They are the constructive workers who have built up breeds that are equal to any in the world and their views and their acts will command widespread attention.

It costs each member of this association \$100 each year in dues and yet they are glad to pay though they get simply a business investment for the nothing as an immediate return. It is general good of the live stock interests of this country. It will pay because the general improvement of the live stock of the country means prosperity to the individual associations.

These instances are cited as illustrative. There are many others, and all have for their object the betterment of agriculture. This is simply good business. Agriculture is the foundation of all business and its betterment, in any way, brings prosperity to all others.

\* \*

In plant life is the origin of all wealth. From it we manufacture our homes, our clothes, our food, our money and even our newspapers. We feed it to our domestic animals who in turn manufacture it into other forms or human food or clothes or money with which to buy them. All life is dependent upon the plant and its death furnishes the pabulum o other plants to follow. Not only our welfare but life itself depends upon the plant. Man's efforts are put forth to conserve the good and destroy the noxious but all are necessary. These efforts we call agriculture. Do you wonder at its importance?

# BUTCHERING HOGS ON FARM

There is probably no ether product on the farm on which the farmer can make an extra profit so easily as on his winter fattened hogs if only he will make the proper disposition of them.

Should we stop to consider the subject and try to count how many of our neighbors kill hogs enough to have any meat to sell, or even for home use, we would, no doubt, be a little surprised to learn that this class is very small. From my observation, I think that not more than five per cent of the farmers have any cured meat for sale. Again, should we visit our railway stations at almost any time of the year we would find that the merchants are shipping in enormous quantities of meat from the packing plants. Then stop for a moment and consider where this meat is coming from. These hogs are grown on our farms, shipped to the city, slaughtered, the meat cured and shipped back to the home of the hog, and, in many instances, perhaps, is consumed by the very farmer who raised the hog from which the meat was made.

He, therefore, paid a profit to the local shipper, twice to the railroad, and to the packer and the retail grocer. After all this he fails to get meat that could be compared to that which he could as easily produce on his own farm. Our city brother who never gets any "good old country ham" has, according to my opinion, never yet known the taste of good meat. We once entertained a representative of a well-known packing firm in our home and served him some "home-made" country ham. Upon tasting it, his first remark was, "I wish Mr. Blank could taste this ham. He thinks nobody can cure ham that will equal the product of his plant."

Wish Mr. Blain could take this ham will equal the product of his plant."

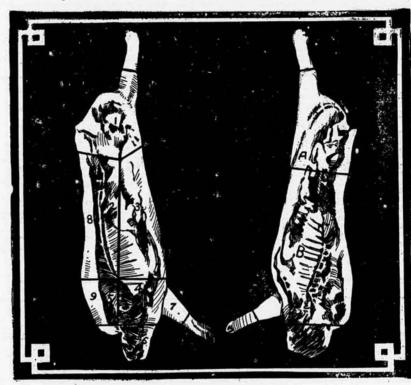
The first thing to be considered in killing hogs on the farm is the kind of hogs and the manner in which they are fed. Hogs should be well fattened but not made so fat as to be "only a great glob of lard." At the present day it is hardly necessary to tell a farmer that he should raise only a good breed and type of hog. The days of the razor back are in the past. The days of the heavy lard hogs are past, too. When lard oil was used extensively for lubricating the heavy lard hog was at its best, but at the present time the demand for this kind of lubricant is much less. People as a rule want "lean" meat. Therefore we should endeavor to ggt a hog that will furnish a good quality of bacon and hams, giving less consideration to the quantity of lard. A hog fed entirely on swill will not make satisfactory meat. Make it a rule to feed your hogs on a variety of feeds just as you do yourself.

In all cases it is best to kill in the forenoon. The number to be killed daily will, of course, depend upon the equipment at hand. Five men should be able to handle from six to ten hogs in one forenoon. Select the hogs you intend to kill, doing so the day before, and do not feed them the night before or on the morning they are to be killed. Get your hogs as near where you are going to scald them as you possi-bly can. Avoid all excitement among them, and do not select any gilts or sows the condition of which is such as to cause them to be restless. Leave them until this period has passed. In killing hogs I should in all cases use a small rifle. Have ready a hog hook, a sharp pointed butcher knife and plenty of gammon sticks. At the "crack" of the rifle the "sticker" should rush forward and before the hog begins to struggle turn it on its back and stick, being very careful not to stick the shoulder. Then let the hog lay there until it shows no signs of life. If moved too soon blood clots will be formed where it is bruised by dragging over stones or frozen ground. This may seriously damage the meat.

Many farmers have movable scalding tanks, which are excellent. The plan most commonly used, though, is the barrel method. Build a platform about 20 inches high and about 4 by 10 feet, on top. When possible, build this in front of a tree or solid post. having the platform some two feet to the front. Place the scalding barrel behind the platform so that the bottom will rest against the tree, the bar-

The Farmer Pays Five Profits to Others On His Own Meats

By A. W. ORR, Missouri Board of Agriculture.



A. English long cut ham.

B. English long cut side.

1. Ham.

2. Loin.

3. Belly.

4. Picnic butt.

5. Boston butt.

6. Jowl.

7. Hock.

8. Fat back.

9. Pates.

2. 8. Back.

2. 3. 8. Side.

4. 7. Picnic shoulder.

5. 9. Shoulder butt.

8. 9. Long back.

4. 5. 7. 9. Rough shoulder.

rel being at an angle of about 45 degrees and the mouth of the barrel resting near the back of the platform. It may be necessary to make a slight excavation and let the barrel into the ground. After it is in place weight it down well or anchor it with a rope or use any method that will make it as stationary as possible. A hog should be scalded hind end first, as the water is hotter when the operation is begun, and if it should be too hot a "set" on the hind parts would not be as serious as around the jaws and head where the work of cleaning is always hardest. Scalding should not be attempted when the water is too hot. A good temperature is from 185 to 195 degrees Fahrenheit, yet water at from 165 to 175 degrees will do. With the cooler water more time will be required, nor are the results always as satisfactory. As a thermometer will not always be handy, it is best to

learn to test the water with the finger, which, after a little practice, is a very simple matter. It is necessary to have the barrel free from grease. Heat the water in a large iron kettle or a vat. Fill the barrel about one-third full of water. In most cases it will be found a help to add some strong ashes to neutralize any trace of grease. The addition of hardwood ashes, soft soap or concentrated lye to the water will aid in removing the scurf. When the scalding is begun it should be finished and the hair removed as quickly as possible.

ly as possible.

Another method often used is the sweep-pole. Cut off a small tree at the right height, or if no trees are at hand a post may be set good and solid, and over this a sweep-pole, such as is sometimes used over wells, is arranged. This pole may be fixed on a swivel joint so that it may be used to carry the hog from the scalding

table to the barrel which, in this case, may be set upright or close to the tank, and after the scalding is done it will carry the hog back. Atter the hog is scraped the pole also preparatory to being opened.

After the hog is hung on a pole or other device it should be washed down with hot water, followed by a further scraping with a knife, then rinsed off with clean cold water. This gives the skin a tresh clean look. Next is the opening process, and as this can only be learned by experience we will not attempt to explain it here. Suffice it to say that great care should be taken not to cut or rupture the intestines during this process. After the entrails are removed, wash the carcass thoroughly inside with fresh clean water and then leave to drain. If the butchering is done out of doors, as it usually is, it may be impossible to leave the meat hanging over night. In such case it should be removed to the smokehouse and either hung again or placed on the floor, but in no case should the meat be "cut up" before the next morning.

the next morning.

Cutting up the hog is that part of our work upon which a great deal of our success and profit depends. First remove the head, then lay carcass flat on back and with an axe or cleaver cut the ribs down each side of the backbone. In case of very fat or heavy hogs it may be necessary, before chopping, to cut along with a butcher knife. When cut in halves remove the tenderloin and ribs from each side. We are then ready to get out the meat we want to sell. In curting the joints always bear in mind that a piece of meat that is inviting in appearance will sell best. Have a sharp knife and have a definite idea in mind as to what shape you are going to cut each piece of meat. Just here we would suggest that it would be well for you to go to your grocer and ask him to show you a packing house ham and shoulder. Study it well, not-ing especially the absence of any shank at the lower end or any flabby, note the clean-cut shape, it being rather pointed at the top in the ham, but not so pointed in the shoulder. When you have learned these types and made up your mind to follow them your success is in large measure assured. After the joints are re moved cut off the feet, then cut the shanks well up at the large part of the joint. These shanks, if salted for a few days and then boiled and served as are back bones and ribs, make the best of "eating," but if left on the joint (a very common prac tice), they absorb so much salt and ary up so that they are not fit to cat, but are only a dead loss. They also spoil the looks of what might other wise have been an inviting looking joint of meat. Above all things, strive to make a clean, smooth joint without notches or flabby places in which bugs might harbor. This is one reason why we would leave the hog twenty-four hours before cutting it up as it is impossible to do a nes job of cutting on a warm hog. An other reason for it is that the land will be whiter and better if the and mal heat is allowed to escape before rendering is begun. We have taken away the joints; we now have the middlings left. From this we would remove a strip from the top a little wider than the groove left by the removal of the tenderloin, and from the bottom we would take a narrow strip

may be there.

The most important point in the whole work is the salting. As the process of common dry salting is swell understood, we do not consider it worth while to dwell on it. Many farmers have never used any other method. Much very excellent meand is made in this manner; and, in our opinion, were the majority of it not left in the salt so long it would be much better.

just enough to remove any teats the

We are going to lay more stress on the process commonly called "sugar curing." We think that any farmer who ever successfully uses the sugar method would never return to the dry salt method. For, we may say, 1,000

(Continued on page 6.)

# Our Book and Periodical Department

FOR the benefit of readers of Kansas Farmer our subscription department has made extensive arrangements whereby we can furnish our readers with any book of interest to farmers, breeders, fruit growers, poultrymen, etc., at the lowest possible price.

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# The American Farmer A Meat Packer With a beef club, however, the matter is entirely different. A number of neighbors can club together and do neighbors can club together and do

Continued From Page One

saving made on the farm is equiva-lent to the earning of the same amount of money and is frequently here easily done. To show something of how much a saving may resu, the following figures, showing what should be procured from a 250 pound hog, were given: 35 pounds of ham at 17 tents, \$5.95; 30 pounds of shouldler at 10 cents, \$3; 25 pounds of thick sides at 10 cents, \$2.50; 21 pounds of thin sides at 20 cents, \$4.20; 30 pounds of lard at 15 cents, \$4.50; 40 pounds of spare ribs, head, feet, back bone, at 7 cents, \$2.80; 18 pounds sausage at 20 cents, \$3.60; total, \$26.55.

At home in the feed lot this hog was worth \$18.10 at current prices. If To show something of how much a

tion more often than through high prices received for the products. A

was worth \$18.10 at current prices. If he farmer cures his meat at home his allows him \$8.45 pay for the work of killing and curing each hog, besides the advantage he gains in the ncreased value of the food products of the hog. In other words, he mar-kets his hog for about 33 1-3 per cent more money than he would if he sold to the shipper and this is certainly very fair profit. In addition to this may happen that there are certain parts of the cured meat which he loes not like so well as other parts, and these may be sold to his neighors or in town at an advanced price. lost people will pay more money for nome cured meat than they will for acking house products if they know their true value. It would be a comparatively small matter for the farmer tho has equipped himself for the curng of his own meat to butcher each ear a few additional head of hogs for ale. Numerous figures can be given

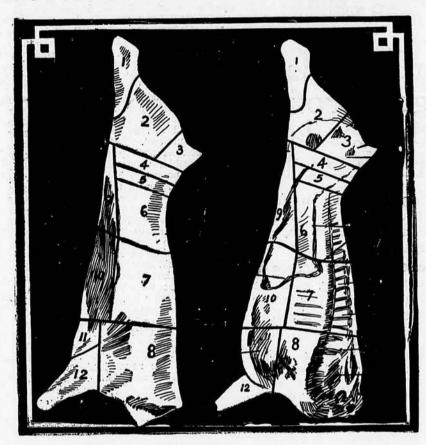
ation and the only thing which seems o stand in the way of it is the lack of skill and knowledge of how to do on the part of the younger genera-ion of farmers. The weights given the example quoted are for green meat, but as the joints will increase in salt and decrease in the smoke, the erage will be practically the same y the middle of summer.

o show that this is a profitable oper-

Curing pork in this manner will solve the meat question for the year

in the farmer's family provided he does not care for variety and will be satisfied with pork as his daily meat ration. Few people enjoy a monotenous bill of fare for long periods and this may be varied by the products of ice and a refrigeration equipment. ration. Few people enjoy a monoten-ous bill of fare for long periods and

the poultry yard or by the occasional killing of a beef. Comparatively few farms are large enough to take care



BEEF CUTS.

1. 2. 3. Round. 4. 5. 6. Loin. 7. Rib. 8. Chuck. 9. Flank. 10. 11. Plate. 12. Shank. 1. 2. 3. 4. 5. 6. 9. Hind quarter. 7. 8. 10. 11. 12. Fore quarter. 7. 8. Back. 7. 10. Piece. 8. 11. 12. Kosher chuck. 8. 10. 11. 12. Triangle.

the work of killing and distributing a beef animal during the warmer months when fresh beef is so much enjoyed and all will receive the benefits from it.

American Royal Elects Officers.

At the annual stockholders meeting of the American Royal the following officers were elected: President, Paul M. Culver, Edgerton, Mo.; vice president Eugene Rust, Kansas City; secretary and general manager, Allen M. Thompson, Nashua, Mo.; treasurer, H. C. Duncan, Osborn, Mo. The board of directors were reelected.

Standard Poland China Association.

The annual meeting of the Standard Poland China Record Association was again 1 ld at South St. Joseph, Mo. The usual institute features were omitted and the banquet dispensed with but there was no lack of interest. The officers elected were as follows:

President, H. C. Dawson of Endicott, Neb.; vice presidents: Jas. G. Johnson, Arizona; L. B. Gant Arkansas; G. W. Stoval, California; R. E. sas; G. W. Stoval, California; R. E. Blatt, Colorado; J. M. Royston, Idaho; diana; R. L. McClarnon, Iowa; H. B. Walter, Kansas; J. V. Hendley, Missouri; J. N. Hitch, Nebraska; W. L. Garriott, Kentucky; Walter E. Robertson, Minnesota; C. R. Allen, MisW. W. Wilson, Illinois; I. Brown, Insissippi; A. B. Dille, New Mexico; H. H. Wing, New York; Wm. L. Davis, Ohio; Lee R. Patterson, Oklahoma; P. W. Peterson, South Dakota; W. J. Duffel, Texas; Carl C. Williams, Washington; T. B. Gill, Wyoming.

The new board of directors consists of J. B. Potter of Iowa; J. R. Rcberts of Oklahoma; W. O. Garrett of Missouri; R. E. Maupin of Missouri; Sam R. McKelvie of Nebraska; and J. O. James of Iowa.

and J. O. James of Iowa.

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i	all of the actual cash value of \$12.00. This puts me under absolutely no obligations whatever, and I am never pay you anything at anytime for these free goods or the Redwood Cabinet.
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Standard Stock Food Co., Dept. 3981, OMAHA,

# You can make larger profits with less land in the Ozarks!

This has been proven, over and over again, by farmers from the big grain states, who have gone down to the Ozarks and taken advantage of the cheap land and the special opportunities there for intensive farming.

If you have been scattering your energies over scores of high priced acres, in grain or "general" farming, you are working harder, spending more and making less net profit than you would if you bunched your efforts on the low cost land that lies in the Ozarks.

The Ozarks are admirably adapted, both by location and the land, for the kind of intensive farming that, sooner or later, every farmer will come to. You could conduct a grain or general farm there and make good money (corns yields regularly from 60 to 100 bu., in the bottom lands), but you can make much more in other ways.

The Ozarks, for instance, are perfectly adapted for dairy and stock farming. An expert of the Missouri Agricultural College says that "the Ozark country is one of the finest natural dairy sections in America" and the experience of the dairy farmers now there, bears out his statement. E. T. Shelpman, of Greene County, sold, in a year, from 12 cows, \$1,232 worth of cream and butter. He estimates that, counting returns from skimmed milk and calves, his total profit amounts to \$150, per annum, from each cow. The explanation is simple. Land is very cheap there—\$10 to \$25 per acre—all kinds of forage crops grow abundantly; there is plenty of clear pure water, the very mild climate promotes a greater yield of milk, per annum; almost right at your door are the big markets of St. Louis, Kansas City and Memphis, which pay the highest prices for dairy products.

The manager of a big St. Louis dairy said, the other day— If I could get good, reliable, dairy farmers in the Ozarks, I would contract to take every drop of milk they could deliver me at their local market, and pay them top notch prices. It is a constant scrimmage for me to supply my customers from the Illinois side."

Again, in sheep raising—here's just an average case: In February, an Ozark farmer bought 32 sheep for \$160. In May he sold 165 lbs, wool for \$41.25 and in Sept. 35 lambs for \$140; a total income of \$181.25 in seven months. He still had his original herd and ten good lambs beside. The only attention he gave them was at lambing time. Here, again, the mild climate is a big advantage, as there is practically no loss from freezing. No trough feed was supplied—they simply ate the wild grasses which grow so profusely there, the year round.

Then there are fruits, truck, poultry and pigs—any one line of which can be made extremely profitable in the Ozarks. The highest prices are paid for these products, in the big city markets. Truck can, and is being made to pay from \$100 to \$390, net, per acre.

It isn't necessary to make a specialty of any one of these branches of farming—it is the combination of them that works out so well in the Ozarks. And bearin mind, that these profits can be made from land that now sells at \$10 to \$25 per acre. A fully equipped farm in the Ozarks will cost you less than an unimproved one elsewhere.

I feel so sure that a smaller investment in the Ozarks will yield you a greater net profit, with less work, than you can get where you now are, that I want you to read our splendid, illustrated free books of common-sense facts. The Frisco hasn't an acre to sell, but is interested in letting farmers

know what splendid advantages the Ozark country offers. I am sure you will find the facts I can give you more than worth while. Please write today.



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# Butchering Hogs on The Farm

Continued From Page Four

pounds of dressed meat mix one-half bushel of salt, 8 to 10 pounds of dark brown sugar, 11/2 pounds of ground black pepper, then stir the mixture together thoroughly. Take about one-half pound of saltpeter and dis-solve in as little water as will dissolve it. Pour the solution over the salt mixture and mix well. Spread a thin layer of dry salt over the bottom of the "meat box," then lay a board across the top of the box to place meat on so that any waste material will fall into the box. Now place a plece of meat on this board and thoroughly rub the mixture over it and into it taking great care to it and into it, taking great care to cover all cut surface and especially the shank end. Build the pieces into the box as closely and as compactly as possible, using dry salt to fill all vacant space and holes. We prefer to put the leints in the better and the put the joints in the bottom and the middlings on top. Use plenty of salt. If the weather is not too cold so that the meat is frozen, it should lay in salt about two weeks:

After the meat has taken salt for a sufficient time it should be taken up and the salt brushal off. Place a kettle near the smokehouse and have it full of hot water. Have some wire stretched near by, and see that meat hooks are ready. These meat hooks may be made of No. 7 or 9 galvanized wire, and if taken care of, will serve more than one season, but if very rusty throw them away, as wire is cheap. Place several pieces of meat in a washtub and pour the hot water over it. Rinse off the salt and hang on the wire to drip. Proceed with this operation until all the meat has been washed, and by that time the first pieces will be ready for the next process. Get baking powder can and punch the lid full of holes, making a big "pepper box" out of it. Punch the holes from the inside of the lid, leaving it smooth on inside and rough out. Fill the can with powdered borax and shake this over the meat. Then hang it in the smokehouse ready to be smoked. The borax should be put on before the meat is dry so that it will adhere to it. The top of your smoke house should be strung with a lot of wires laid over the joists. The wire hooks before mentioned should then be hung over this wire. This hook method has a great advantage over the old string method in that it takes a much less hole in the meat to in-sert the wire than the string and this damages less meat and makes but little place for vermin.

There are two kinds of bacon, thick and thin. Fortunately there are also two kinds of bacon eaters. One class prefers it thick and fat; the other thin and streaked, the more lean the better. Nature has so built the hog that it can cater to both classes. The way to accomplish this is simply to

take your knife and split the side the long way of the hog, leaving the upper, or thick, side separate from the lower, or thin, part. There are more reasons than one for doing this. The thick bacon can be used or sold in the early part of the season and the thin held until summer time when it thin held until summer time when it will be more in demand and more palatable. Again, when the "gude wife" goes into the smokehouse where there are a lot of big sides of bacon she just cuts one corner out, leaving two raw edges which will have to be cut off the next time. With strips of three to five pounds each strips of three to five pounds each she can take a whole strip to the kitchen and thus save some steps, as well as bacon.

After all is hung we are ready for smoke. Place an old stove or open kettle in the smokehouse and keep a fire of green hickory or sassafras or both together for several days. The exact time would depend upon how closely built the house was and thus how well the smoke was confined. The only sure way to test it is to try some of the meat. If the meat is to be kept until late summer it should be canvased during dry weather and dipped in a preparation of ocher or whitewash and kept in a cool dark

Probably the best way to market the tenderloin is just as it is taken from the hog. But if that is not found satisfactory it can be used in the sausage. To make good sausage it should be well ground and the grinding should be done before the seasoning is added. It is probably less trouble to add the seasoning first, but rougher according to the seasoning first, but the seasoning first seasoning first, but the seasoning first but you can never make as good sausage by that process. The ribs and back bones can be sold or used at home. The head should be skinned, and the jowls ground into the sau-sage while the skin is placed in the

To make good lard, cut into small pieces and cook over a slow fire. When about done add a teaspoonful of soda to a 20-gallon kettle of lard. The lard should not be too hot when the soda is added, as it may cause it to boil over. The tongue and heart are very fine to boil and serve cold, either with or without vinegar; or they may be used in mince meat or scrapple (or "paunhause"). The heads should be cut up, the eyes taken out and the ears removed, then place heart, livers, heads, tongues and other scrap, if any, in a large iron kettle out in the yard and boil until well done. It will be found profitable to make mince meat or other by-products out of the scraps. It will be "up to" the farmer to create a market for some by-product to be made from these odds and ends, then make what his market calls for.

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corn in carload lots, call M. W. 67 New England Bldg., Bell 488, peks, Ken. He pays the highest and sells on the least margin.

paying high prices for fence when Bros, ask only 13% cents a rod their ad in this paper and write

Warm water for the cows is a ne cessity to continuous and even milk flow. The water should not be too warm but the chill should be taken of so that the cow will drink her fill. No cow can produce large quantities of milk without plenty of drinking water and no cow will drink a plenty of ice water.

A good thermometer costs more than a poor one but itsis worth much more. Every cow stable should have a good thermometer hanging in it and this should be inspected often enough to see that the temperature does not run below 42 degrees nor above 55 or 60. The idea is not so much to avoid these extremes as to maintain an even temperature. Keep the cows in comfort and they will do the rest.

Formerly men folks used to think that dairying, like poultry raising, was women's work and rather beneath their dignity. Perhaps they were right but they have learned, at least, that there is money in it and that it has, thus far, rewarded their very best efforts. Serious attention to the possi lities of the dairy cow has given full scope to the best abilities of the best men, and the dairy business is still in its infancy. Men have now learned that, instead of being beneath their dignity, it grows with their growth and yet its possibilities seem limitless.

I do not believe that any dairy farm is completely equipped which does not have a suitable number of pigs and a manure spreader as parts of its machinery. Both are money makers and the pigs will pay more for the skim-milk than it can be sold for elsewhere, while the land will take all the manure at better prices than will any other customer. are mighty good machines and they work while you sleep. But they are good buyers of skim-milk as well and it always pays to be courteous to a good customer.

T. L. Haecker, professor of dairy husbandry and animal nutrition in the Minnesota College of Agriculture, declares that milk of the standard now required in this state is too rich for the stomachs of children. Professor Haecker has arrived at this conclusion as the result of a series of observations, on both children and young animals, covering a long period. He found, first, that children throve better on milk containing but a comparatively small amount of butter-fat than upon the "richer" milk of the pure bred dairy cows.

It would appear that the surpassing richness of the milk of certain breeds of cattle is the result of a gradual, long-continued departure from natural conditions, under which the milk, while less valuable for butter making, was on the whole better adapted to the use of growing children; and that a return to these conditions might therefore contribute something the cause of health and the reduction of infant mortality. It is suggested, also, that if the attention now given to securing "three-and-a-half per cent butter-fat," in all milk sold to the public, should be diverted to securing greater purity, through scrupulous cleanliness in all the operations of the dairy, the gain to the children would be further perceptible.

Ensilage is one of the cheapest succulent feeds that can be supplied to farm animals during the winter. That is, when one has a large herd and is able to build the silo and buy the necessary machinery for handling the crop. It is good feed, handy to deal out and very much relished by all classes of stock.

#### Roots.

One of the most practical ways of supplying succulent feed for cows, when one has only a small herd and does not have ensilage, is by raising roots; as mangels, rutabagas or stock carrots. For a small herd, roots are cheaper than ensilage, because expensive machinery or expensive storage room is not required. One acre of roots planted on rich, well prepared land, well taken care of, will provide sufficient succulent feed for six or eight cows.

READ THIS VERY CAREFULLY-IT MAY SAVE YOU MONEY AND A LOT OF COSTLY SEPARATOR EXPERIENCE



# How to Choose a Cream Separator

HERE IS THE STANDARD BY WHICH THE EFFICI-ENCY OF A CREAM SEPARATOR SHOULD BE TESTED:

It's much harder to skim milk at 65 to 70 degrees than milk at 85 or 90. Some machines that will do fair work with milk at 90 degrees will get all clogged up with milk at 70. Remember that lots of times in the winter your milk will be nearer 65 than 85.

It should produce heavy or thin cream as desired.

Whether you are churning your own cream, selling it to a local creamery, or shipping it to some distant point, it is desirable to produce a very thick cream. Thick cream churns easier, is less liable to spoil, and has less bulk. It pays to make thick cream, but to do this the machine must be mechanically perfect. A poorly or cheaply constructed separator cannot be adjusted to secure the desired results.

It should separate its full rated capacity.

All cream separators are rated upon the basis of their capacity for one hour. The DE LAVAL is the only machine made that will, under all conditions, separate its rated capacity for one full hour, and at the same time skim clean and produce cream of uniform quality.

In addition to the above a cream separator should be simple in construction, durable, easy to operate and easy to clean.

The DE LAVAL meets all these requirements.

We don't know of any other separator that does. If any one representing any other separator comes to you with a lot of claims make them prove up to this test. Your creameryman or your state experiment station will tell you that it's a fair test.

We know that the DE LAVAL will give you better service and last longer than any other cream separator on the market, and we stand ready to prove it at all times and against

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# Feed A Little Merry War ye With Your Slop

Have you ever felt the disastrous effects of an epidemic of worms or cholera among your hogs?
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.

Symptoms Easy To Detect

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

"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
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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,
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E. Myers Lye Co., Dept. 12 St. Louis, Mo.

# HE FA



Educational Butter Scoring Contest.

The last bi-monthly scoring contest for the year 1910 was held at the dairy building, Kansas State Agricultural College, Manhattan, Kar., De-cember 27. The scoring was done by Dean E. H. Webster.

There were more entries in this last contest than any previous one, and the butter as an average ranked very much higher than that of former contests.

Out of the entries made, the following were the men who scored ninety or above: R. H. Smith, Salina, 92; H. J. Birney, Hutchinson, 90½; N. O. Nelson, Topeka, 90½; H. H. Phillippi, Lawrence, 90½; P. J. Springsteen, Wayne, 90; J. A. Beckman, Great Bend, 90. As this is the last contest, this will decide the winners of the

prizes.
N. O. Nelson, with an average score of 91 2-5, is again first man; P. J. Springsteen, second; H. L. Phillippi, third; J. A. Kauffman, fourth; and A. A. Oswalt, fifth. This makes the second year that Mr. N. O. Nelson has held the silver cup.

Study Farming at Home.
This is the day of the student. Farm papers are better than ever before and are read more carefully than ever before. A few years ago the "book farmer" was scorned but he is now getting the big crop. What is a "book farmer" today? He is the man who is trying to learn from others and apply this learning to his own daily work. Can a man learn to farm from a book? Yes and no. Nothing will supply native ability and common sense, but books will enable a man to know the reason for things he has seen and not understood. He can learn about how to study his soil, the philosophy of tillage, the value of manures, the balanced ration for his cattle and hogs, how to care for an or-chard or garden, how to meet the ravages of insect pests, etc. The farm-er's wife and daughter are realizing that there is a science in the selection and preparation of human foods as well as in the finding of a balanced

ration for live stock.

The Kansas Agricultural College, while engaged first in teaching twenty-five hundred young people and next in instructing one hundred thousand farmers in the institutes, is now offering correspondence courses in eighteen subjects, including soils, stock feeding, orcharding, gardening, insect pests, farm drainage, earth road construction, etc., and also in cooking and sewing.

Now is the best time of the year to start in this work. Our readers who are interested should write to the correspondence study division of the Agricultural College at Manahttan, for the correspondence study bulletin.

#### Own Your Own Threshing Outfit.

The following inquiry to Kansas FARMER brings up a question which is, or at least should be, of considerable interest to every wheat grower of Kansas, and that is: "Does it pay to own one's threshing outfit or an interest in a threshing outfi

"EDITOR KANSAS FARMER: The threshing business around here has been quite unsatisfactory for several years. Most of the threshing machines are operated by men who do not seem to be very successful, consequently they are not very reliable. Besides this, in some instances their machines are fit only for the junk pile. Consequently, some of us farmers are thinking of buying a small outfit for the purpose of doing our own threshing. We would expect to run it on the cooperative plan and only do our own work. What I want to know is, would such a proposition be practicable and would a gasoline engine be suitable for power? would be glad to have the opinion of your paper on this subject. Also, if

any readers have an interest in a ma chine I would be glad to hear from them.—J. W. K., Salina, Kan."

The fact that most of the wheat growers of Kansas do not own threst ing outfits has been a source of much surprise to me since coming to the state. Farther west, in the states of Colorado, Utah, Idaho, Oregon, Washington, and Montana, where I ammore or less familiar with wheat pro duction, the usual thing is for farm farmers, on the smaller farms, when from 80 to 160 acres of wheat an grown each year, join in the purchase of an outfit, which is operated by on of the owners usually, though not always. This plan has given very satisfactory results, though there is always danger of enlisting the cooper ation of men with whom it is difficul to get along. In planning cooper tion, therefore, it is always well keep in mind the desirability of even man to be enlisted, in order to have perfect harmony from such cooper

Farmers who own a large acreage as stated above, usually have the own outfits, and even when the acr age does not within itself warrant the purchase of an outfit, they are al to secure sufficient acreage to harve among their closest neighbors to e able them to operate their outfit pro

itably. Based upon the experience of coo erative ownership of threshing of fits, which is the common practice the states mentioned above. I wou say that the practice could be made thoroughly practicable and profitable in this state. If more of the Kans wheat raisers owned their outfits, a share in an outfit, the quality of o wheats would be greatly improved, greater yield per acre would be re ized, and more money per bush would be secured, through virtue having threshed their grain at the proper time, thus preventing to through exposure in the stack or the field to storms and the ravage of pests of various kinds.

A farmer who owns his own out or an interest in one usually of have his threshing done when he ready to have it done and when it ready to be done, while if he depen unon some disinterested party-son man who does not own an acre thand or produce a bushel of wheat to thresh his grain for him. I he but when the owner of the out gets ready to do it, and usually the is the inopportune rather than the portune time.

The writer does not hesitate to re ommend to the wheat growers Kansas the advisability, profitabili and practicability of owning the threshing outfits when operating on large scale, or an interest in a three ing outfit when operating on a small scale; but always in such cooperation he sure that you cooperate with me with whom it is possible to work is moniously.

As stated above, this is the usu growers of the west, and I have next vet heard a complaint that would it tice. The threshing season of Kans is strung out over too many days should have all of our grain thresh and under protection within a moniafter it is ripe. This can be do only by more farmers owning threshing outfits.

It has been thoroughly strated that gasoline engines furn a practical means of supplying pot in operating threshing outfits. danger from fire is also less gasoline or oil is used than when co is used. Where crude oil can be tained at a cost of from 6 to 8 cell rer gallon the expense of operating with gasoline will be found less that when operating with coal as a fuel W. M. Jardine, Professor of Agrol omy.

# The Rankin Manure Spreader (Either Wagon Box Style or Complete With Trucks)

nd the Rankin Two-Row Cultivator were specially de signed to meet the needs of David Rankin, who made him-

self America's foremost farmer. David Rankin's wonderful

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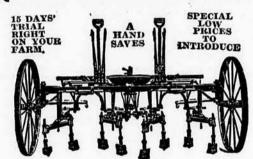


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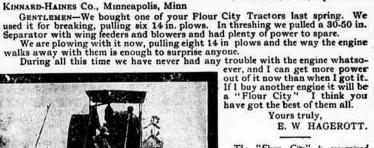


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Mandan, N D., Sept. 25-10.

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#### Spring Seeding of Alfalfa.

I have a tract of land of about four cres of very rich black soil which I hould like to sow to alfalfa this laring. On account of the land being rich I should like to use some kind a nurse crop to keep down the reeds. Would oats make a good urse crop? How much alfalfa seed the acre? This piece of ground as in corn last year. Can I sow alalia as early as we sow oats, or when ould be the best time to sow both? e have no alfalfa in this county to peak of. Any information that would elp me to get a right start toward ccess will be appreciated.-J. C. everin, Cherokee county, Kan.

There is no land too rich for alfalfa. he best alfalfa is grown on the best nd and good practice is to manure falfa land before it is broken up for

in the eastern part of Kansas there ems to be an irregular invisible line division between alfalfa and red over. It is generally believed that some parts of eastern Kansas ala will not succeed though red cloor does well. Just why this is so or hether it is so at all has not been tisfactorily proved. It is believed at alfalfa will grow on almost any ansas soil which has a suitable subfor the long roots to penetrate.

The Shawnee Alfalfa Club, which studied alfalfa exclusively for early four years in its monthly meetgs and which has a membership of early 300 alfalfa growers, is practi-illy unanimous in their belief that does not pay to sow alfalfa in the ring in eastern Kansas. As alfalfa a delicate plant when first started, d as the crab grass is almost sure get it if sown in the spring, this actice has been practically abanin this locality. Besides this, has been found in long years of ex-dence that alfalfa sown just before ran about the middle of August will ake such a vigorous growth that it Il more than make up for any time at might be thought lost by not sow-g in the spring. Our earnest advice build be to put the land in some ring crop after deep and thorough wing and then plow and harrow e ground thoroughly until a fine ed bed is formed before sowing in e middle of August. The way to get good stand of alfalfa is to begin on ground a year before sowing. Use pounds of first class seed to the and do not sow a nurse crop. rything depends upon the condiof the soil. Drill the seed in. s is sometimes done by dividing seed and cross drilling but if the is in good tilth this will not be essary.

So long as Kansas farmers continto sow alfalfa in the spring they only a partial success as the hot. days of summer greatly weakened plant and did not hurt the crab which soon smothers it out. ain, when alfalfa is sown in spring the a nurse crop the first cutting will tirely remove the nurse crop and ow the hot sun to beat down upon unprotected crowns, insuring inor death of the young plants.

f it is determined to sow alfalfa in spring the same kind of soil preption and the same amount of seed necessary. The nurse crop can be in at any suitable time and the amount of seed used as for an mary crop. Oats is perhaps as d as anything. Spring sowing is be avoided as it too often brings

he farmers of Kansas, and of the er part of the corn belt for that er, are making They are selling corn instead feeding it and they are missing len opportunities by not keeping cows. These things mean a lige in present methods. They more land seeded to grass, a lon of crops, the building of silos more alfalfa. They mean the erely "breaking even" each year; farming of the land instead of it; a reduction of the cost of ection instead of a longing for prices, and a rich, well tilled to turn over to the boys instead worn out thing which barely through his own active days. wonder some boys want to leave when they see what is ad of them under present meth-

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# lakes Fortunes for Owners of

After years of untiring work, we have given to the Agricultural World a tractor which makes Power Farming on medium-sized farms pay the same enormous percentage of profit that it pays on large farms. The benefits of "Horseless Farming," heretofore enjoyed solely by big, wealthy land owners are now extended to the farmer owning a quarter or half-section of land.

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The UNIVERSALT Tractor is a veritable dynamo of power. Does the work of 16 big horses and 4 men. Furnishes one-third to two-fifths more power than any other engine of equal weight. It is essentially a one-man engine. One man starts it, runs it and takes care of it. The same man handles the implements it pulls. You don't need a whole crew or an expert engineer to operate the "UNIVERSAL" completely around in a 15-foot circle, which enables you to plow the corners of the field. This powerful engine, weighing from 6,000 to 10,000 pounds less than the ordinary tractor and having wide traction wheels, will not cut or pack the sod. It is so simply constructed that you can readily handle it after one demonstration.

You have your choice of four speeds, too!
The UNIVERSAL One-Man Tractor, with its gigantic power, its compact form, its extreme simplicity, its light-running qualities, its very reasonable price, its low cost of up-keep, and its ability to make money for the average farmer, is one of the mechanical wonders of the age. A Wonderful Farm Machine

#### It Just Runs the Farm

The UNIVERSAL Tractor does the farmer's plowing, harrowing, seeding, cultivating, harvesting and threshing. Hauls his crop to town; furnishes power for shredding, grinding, woodcutting, pumping water. Runs any belt-driven machine. The ideal general-utility engine as UNIVERSAL TRACTOR COMPANY, 409 Chestnut Street,

well as the perfect tractor for field work. You won't need any other gasoline farm engine when you own a "UNIVERSAL."

Your Horses Eat 1/4 Your Crop

The average horse eats one-fourth the crop he helps to raise. The "UNIVERSAL," doing the work of 16 horses, eats less than four. And the "UNIVERSAL" eats only when it works. Horses eat three times every day.

Hired help is expensive, too. One man on a tractor is much cheaper to hire and easier to keep on the job than four teamsters handling 16 horses. You save \$4 to \$8 on each acre plowed, seeded, cultivated, and harvested and thres he d with a Universal Tractor.

Secret of

But the biggest profit is not in the saving made in planting and harvesting. Your crop is increased on an average of 6 to 20 bushels per acre. In many cases Power Farmers double their yield per acre. Because you can plow and get your crop in quickly when the weather is favorable. Same with harvesting. You are not at the mercy of the weather man. You plow deeper and get a better stand. In the fall you can turn your ground so quickly that rank weeds and burs can get no start.

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Many farmers, owning even less than a quarter-section, have bought "UNIVERSALS." They farm their own land and then hire out to surrounding farmers all over their township. Some get \$2 an acre for breaking land and it costs them less than 40c per acre to do the job. It is easy to make \$15 a day not profit hiring out, and some make as high as \$25 a day.

We Sell 1,200 Tractors a Year We are now selling tractors at the rate of 1,200 a

rear. This in theelf shows the wonderful success of a one-man tractor made for average-sized farms. Such a record is even more wonderful when you consider that the UNIVERSAL Tractor has never been widely advertised until recently. One farmer buys a "UNIVERSAL," likes it and tells his neighbors, and so its fame spreads.

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The "UNIVERSAL" is not only one of the strongest, most compactly built engines ever made, but it is priced right, too. It costs several hundred dollars less than the larger, clumsy tractor which has a lot of unnecessary weight and complicated parts.

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ing capital now sells to you direct and gives you full value for every dollar you invest in a wagon. Write at once for our free book which tells the whole story of this sensational change in the wagon business. Get our Free Trial, freight prepaid, low factory price offer on

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Sent on four weeks trial—backed by a two-year legally binding signed guarantee. Take your choice of "Old Hickory" or "Tennessee." Your choice of size, style and price. Our big book gives you a greater selection of better wagons than 20 big dealers could. If the wagon we send is not a bargain, if it doesn't net you a big saving, if it doesn't prove every claim we make after 4 weeks of hard test, ship it back at our expense. Send Postal New for book, prices and all interesting facts about this sensational change in the wagon business. A saving of \$10 to \$30 on the best wagon built is bound to interest you. To Owners of "Old Hickory" and "Tennessee" Wagons: If you now have one of our wagons and, owing to accident or long use, you need repair parts, write for our generous proposition on parts needed.

We have had the trade of dealers for over 30 years and in making this radical change in our selling method will be fair to them as well as to you by filling first orders out of their stocks of "Old Hickory" and "Tennessee" wagons if they consent to let us do so. Address

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# LIVE STOCK single grain for fattening lambs, is especially desirable because Feeds for Fattening Lambs BY PROF. W. J. KENNEDY, IOWA AGRICUL-

TURAL COLLEGE.

The finishing and fattening of lambs for market is a profitable phase of stock farming. It is a line of work that is steadily growing in favor. Our American people are demanding more and more the tender, juicy, high fla-vored meat of a properly fattened lamb. As a result of this demand the prices for fat lambs rule high as compared with mature sheep and other classes of farm animals. There are various methods for fattening lambs ready for the market. The date of birth is an important factor. The February or March lamb should be forced right along and marketed during the early summer months. Such lambs are out of the way before the stomach worm and other internal paresites give much trouble. This method also makes it possible to buy in a bunch of western lumbs and finish them during the months of September, October or November. Lambs dropped during the latter part of April and the month of May must be finished during the fall or early win-ter months. These lambs require little or no care at lambing time, a point worthy of consideration on many farms. On the other hand they must not be allowed to run continuously on a permanent sheep pasture during the warm months else the internal parasites will be sure to cause serious trouble. A change of pasture, or better still a series of forage crops should be supplied to tide these youngsters through the summer months. Where lambs are fattened during the early fall months on grass or forage crops some form of a grain ration should be fed. The majority of experiments indicate that a ration of corn 2 parts and wheat bran 1 part furnishes a good supplement to the green food. The grain ration should be fed in a flat bottom trough so that all may have an equal chance to feed. From 1 to 11/2 pounds of the grain is considered heavy feeding for lambs

on grass or forage crops.

The major portion of the experimental work done to date has been in connection with yard or shed feeding during the fall and winter months. All investigators agree that dry quarters are absolutely necessary for success in this work. A warm place is not needed. The two principal factors considered have been the amount and kind of roughage and the amount and kind of concentrates. As a rule the locality determines the kind of roughage fed. The question of succulence in the ration has also been given a great deal of attention. ROUGHAGE.

Practically every form of roughage has been tested. The legumes are held in highest favor by all investiga-Clover has been most generally. In order to obtain the best results clover should be grown thickly on the ground to insure fine stems. and should be cut early in order to secure the leaves and heads, which are the most valuable parts. Alfalfa, where it can be successfully grown, stands ahead of even red clover. It is superior both from the standpoint of palatability and digestible nutri-ents. Good alfalfa not only furnishes the roughage necessary but also a considerable amount of nutrients especially protein. In the south cowpea hay stands on a par with alfalfa. When furnished any of the above named feeds lambs do not crave any other form of roughage.

Mixed hay is also a useful feed. It does not compare with the legumes from either the standpoint of palatability or digestible nutrients. Corn fodder, which has grown thickly in the rows, and has been cut early and carefully cured, furnishes a much relished form of roughage. The lambs will est all of the leaves and a portion of the stalks.

GRAIN RATIONS. All of the various farm grains have been used with more or less success. Corn easily heads the list as the best

causes the lambs to put on fat rap and does not stimualte too n forms of concentrated feeds. Ba has also been used to very good vantage. It is about on a par corn from the standpoint of rapid and economy of gains but lacks a in palatability. Wheat and w screenings have both been used fatten lambs. This feed has much tendency to cause the lamb grow rather than fatten. When o bined with an equal amount of the lambs put on fat much more idly. Oats are a useful feed but wheat are more conducive to go than fattening, thus should be m with corn for best results. Oil m cottonseed meal and gluten feed all been used in conjunction corn rations to good advantage. more than ½ pound of either oil or cottonseed meal should be fe a lamb weighing from 30 to pounds. While wheat bran in h is not conducive to putting on h is one of the best feeding stuffs a able to use in conjunction with or other feeds in getting lambs full feed. It furnishes bulk thus vents the greedy ones from get too much concentrates and also as a regulator of the digestive

SUCCULENT FEED. It is always best, if possible, to nish some form of succulent in This may be done through the us either roots or corn silage. The culent feed seems to tone the sys and regulate the digestive on The British flock-master used for this purpose. In some cases bage is used. The British shep insists that sheep cannot be sudfully fattened without roots or bage. Experiments at the less stations in this country indicate corn silage is fully as useful as for fattening lambs. The low co

producing silage should lead to

more general use. GETTING LAMBS ON FEED. A great deal of time and feed often lost through carelessness of part of the feeder in getting his la on feed. It is said that nowhere the skill of the attendant show more plainly than in getting lambs on a full grain allowance out getting a single "off feed." amount fed at first should be s Lambs that have not been accust to grain should not receive more one-tenth pound of grain per dithe start. This should be income at the rate of one-tenth pound f third day until the full allowants have been accused. third day until the full allowand been reached. Some wheat brained to the regular grain ration prove very helpful during the find days of the feeding period. lambs should be fed at regular and the troughs should always kept clean.

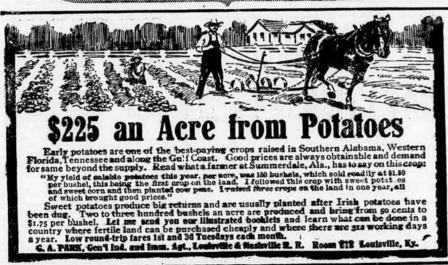
AMOUNT OF FEED AND RATE OF 65
The amount of feed fed will some in accordance with the king not succulent feed is used. As a eral rule lambs weighing from 90 pounds each will eat from tenths to 2 pounds of grain and seven-tenths to 2 pounds of har day. Where silage or roots an the amount of hay will be some less but the total dry matter what more due to the increased tability of the ration. Lambs above weights will gain from .50 pound each per day. From .4 pound per day should be constant as very satisfactory gains.

The following rations have good results for lambs on full weighing from 60 to 90 pounds Ration 1—Alfalfa hay 1.5 pd corn meal 1.6 pounds, daily gs

pound. Ration 2-Cow-pea hay 1.5 P corn meal 1.6 pounds, daily gal

pound. Ration 3—Corn stover 8 pound falfa hay .7 pound, corn mes





Moline Automobile Co., 33 Keokuk St., E. Moline, III.







pounds, and cottonseed meal .4, daily

gain, 34 pound. Ration 4—Alfalfa hay 1.7 pounds, shelled corn 1.4 pounds, daily gain .32

Ration 5—Alfalfa hay 1.4 pounds, wet beet pulp 3.3 pounds, and wheat screenings and bran .5 pound, daily gain .33 pound.

Ration 6—Alfalfa hay 1.6 pounds, corn silage 1.4 pounds, and a mixture of corn, oats and bran 2 pounds, daily gain .42 pound.

Ration 7—Alfalfa hay 1.6 pounds, mangles 4.3 pounds, and corn, oats and bran 2 pounds, daily gain .44 pound.

Ration 8—Clover hay 1.5 pounds, corn .7 pound, oil meal .2 pound, and bran .4 pound, daily gain .33 pound.
Ration 9—Clover hay 1.3 pounds,

dried beet pulp .9 pound, and oil meal

.3 pound, daily gain .33 pound. Ration 10—Mixed hay 1 pound, cabbage 2 pounds, and cooked corn and oats 1.7 pounds, daily gain .36 pound.

Insure Your Crop.

We all see the wisdom of placing insurance on threshed grain. But why not insure the crop by using a good grain drill? It is good farming to prepare the seed bed carefully, clean and grade the seed and sow it at the proper time and in the proper manner. The man who broadcasts his grain is not a good farmer in the strict sense of the word. He is passing up an opportunity to produce big crops. Every experiment stations and all farmers who have kept records and compared the yields from year to year have given ample testimony that the grain drill is a paying
investment—that it saves seed, increases the yield and makes the crop
grade higher. The disk drill saves
seed; it plants the seed in a properly
made seed bed at an even depth, and
consequently the seed comes up consequently the seed comes up evenly at the same time, ripens evenly and therefore grades alike; the stand of clover is much better, because clover needs air, sunshine and projective. When breadcasted with moisture. When broadcasted with the oats the little clover plants are so shaded that they are deprived to a great extent of sunshine and air. Farmers should quit broadcasting, because that method invites failure. Our seeding conditions are difficult. It isn't every grain drill that will do the work as it should be done. The Kentucky Disk Drill, manufactured and fully guaranteed by The American Seeding-Machine Co., Incorporated, Richmond, Ind., will do this difficult work and do it right. It has great the clearance for stalks and treak in clearance for stalks and trash. In fact the Kentucky Disk Drill will do good work wherever it is possible to use a disk harrow. Go to your local dealer and ask to see the Kentucky Disk Drill. But be sure and send for the Kentucky catalogue. The Ken-tucky is made in many styles and sizes, and the manufacturers declare they have drills suitable for the seeding conditions in every part of the grain growing world.

Admitting that a mule will sell for more than a horse; that there is always a market for mules; that blemishes do not hurt their selling price, and that no one ever saw a dead mule, there is still open the question: "Why do not farmers raise more mules?" The government, the large contractors, mine owners and cotton farmers are always in the market for mules and their value does not fluctuate as with other classes of stock. A mule is good property but is good for only his generation and for this reason and in spite of his high price as compared with the average horse, the farmers prefer to raise horses. This is the age of the draft horse and a team of will pay mares their way in work and produce a colt each year which may be kept as future breeders. The added value of the mule is not enough to pay the average farmer for his lack of reproductive ability.

What a difference the price makes! For instance, the crop reporting board of the Department of Agriculture shows a much larger production of farm crops in 1910 than in 1909 and yet the value is much less. The total value of the farm crops in 1909 was \$3,971,426,000, while the value in 1910
was \$3,735,464,000, or a loss of nearly 236 million dollars. However, the margin between what the farmer receives and what the consumer pays does not seem to narrow any.

# Cut Your Tire Bills In Two

These two Goodyear features jumped our tire sales last year to They trebled our sales in one year. This year they will save millions of dollars to owners of motor cars.

Tires 10% Oversize

Goodyear tires are made 10% larger than the rated size. That means 10% more tire at no extra cost. It means 10% more carrying capacity. That extra size, with the average car, adds 25% to the tire mileage.

The reason is this:

Motor car makers, in these days of close prices, can hardly afford to give generous tires. The tire size is sufficient for the car as they sell it, but not for the extras you add. A top, glass front, gas tank, gas lamps, an extra tire, etc., add a great deal to the weight of a car. So does an extra passenger. So do extra heavy people.

Nine times in ten the expected weight is exceeded. A few hundred pounds of extra weight cuts down the tire mileage half. That is what causes blow-outs when tires are nearly

So we add 10% to the size of the tire without any extra cost. That takes care of much added weight. That extra size will save the average motorist at least 25% of his tire cost.

#### Rim-Cutting Impossible

Goodyear No-Rim-Cut tires get rid of this trouble entirely. To run an ordinary tire flat

-even a few hundred feet-may wreck it beyond repair. But No-Rim-Cut tires have been run deflated, in a hundred tests, as far as 20 miles. Among the half million No-Rim-Cut

tires we have sold there has never been one instance of rimcutting.

Note how to avoid it.



Here is a Goodyear No-Rim-Cut tire fitted in a standard rim. This is the rim now used almost universally for quick-de-tachable tires. But Goodyear tires fit other rims just as well.

Note that the rim flangeswhich are removable - are placed to hook outward with No-Rim-Cut tires. The tire comes against the rounded edge, making rim-cutting impossible under any condition.



Here is an ordinary tire-a clincher tire fitted in a similar The rim flanges here must be placed to hook inward -to grasp hold of the hook in the tire base. That is what holds the tire on.

(100D) YEAR

No-Rim-Cut Tires

When the tire is deflated, as in the picture, it comes against the sharp edge of the flange. That is what causes rim-cutting. A punctured tire is often wrecked in a moment.

#### Hookless Tires

Goodyear No-Rim-Cut tires have no hooks on the base. They don't need to be hooked to the rim. The reason lies in 63 braided wires vulcanized into the tire base. That makes the base unstretchable. Nothing can force the tire off the rim until you remove the flange. It is so secure that tire bolts are not needed.

When the tire is inflated these braided wires contract. The tire is then held to the rim by a pressure of 134 pounds to the inch. That is why hooks are unnecessary. That is why you can turn the rim flange so it can't cut the tire.

We control these braided wires, and there is no other practical way to accomplish the purpose. There is no other way to make a hookless tire safe.

Last year Goodyear No-Rim-Cut tires cost 20% more than other stand-ard tires. Yet our tire sales trebled. This year, because of multiplied production, they cost no extra price.

You can get these oversize tires, these No-Rim-Cut tires, by simply insisting on them. And that means a saving of half on one's tire bills under the usual condi-

Our new Tire Book tells a myriad facts which motor car owners should know. It is full of money-saving facts.
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# And Now You Can Buy The World's Champion 140-Egg Incubator Complete for Only \$ --

WHY buy any other incubator at any price? Why not own a World's Champion Beile City? Yet, my price is only \$7.55 and remember, I furnish you a big, full size 140 chicks hatched. Why pay much more than my price for as and remember, I furnish you a big, full size 140 chicks hatched. Why pay much more than my price for as and remember, I furnish you a big, full size 140 chicks hatched. Why pay much more than my price for as the Belle City, or the egg machine at that as the Belle City, or the same price for a much more than my price for a much more than my price for a much smaller machine, and settled the world's championship by winning the Successful Farming Hatching Contest against all other machines, March 29, 1910, by hatching 140 chickens—the full capacity—140 chicks hatched. Why pay much more than my price for as an ergo for a much smaller machine, and yet get an unknown hatcher? I take great pride in the fact that I have started thousands and thousands of people in the money-making, poultry raising business, at small expense, a small expense, and remember, I furnish you a big, full size 140 chicks hatched. Why pay much more than my price for as the Belle City, or the same price for a much smaller machine, and yet get an unknown hatcher? I take great pride in the fact that I have started thousands and thousands of people in the money-making, poultry raising business, at small expense, a small expense, poultry raising business, at small expense, pou

### Complete Hatching Outfit—My \$7.55 Belle City Incubator and \$4.85 Brooder, Ordered Together Only \$11.50—Freight Prepaid East of Rockles

Let me ship you one of these complete outfits, all freight charges prepaid, to your station, on 90 days' free trial. The Belle City 140-chick Brooder is the only one having double walls and dead air spaces. I guarantee it to raise more healthy chicks than any other brooder made. Hot onsiness and my machines have been on the market for 28 years. I print thousands of testimonials and photographs of people who are using my machines in my printed matter. My plan is quick sales and a lot of them at a low price.

A brief description of the Championship Belle City Incubator is as follows:

Double walls—dead air space all overcopper tank and boiler—hot-water heater—best regulator—deep, roomy nursery—strong the free proper tank and boiler—hot-water heater—best regulator—deep, roomy nursery—strong the free proper thank and boiler—hot-water heater—best regulator—deep, roomy nursery—strong the free proper thank and boiler—hot-water heater—best regulator—deep, roomy nursery—strong my advertisement. Everyone that reads farm papers knows that I am responsible. If you want to, you take no risk in ordering direct from this advertisement.

#### Thousands Order Direct From This Advertisement Why Not You? and Save Money.

By ordering my Championship Belle City Incubator and Brooder together, you get the complete outfit for \$11.50—freight charges prepaid—(E. of Rockies.) This saves you 90 cents on the regular price of the incubator and brooder and gets the outfit delivered to you at your station, all freight charges prepaid—be ready to run when your eggs are ready to set.

By ordering from this advertisement, you save time, save money, do away with possible delay in getting your machine r nd take no risk, because I guarantee to refund your money at the end of 90 days' free test if everything about my complete hatching outfit is not exactly as represented in this advertisement.

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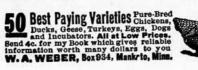
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AND and water fowls. Farm-raised stock, with eggs in sea-son. Send 2c for my valuable illus-trated descriptive Poultry Book for 1911. Write Henry Pfile, Box 621, Freeport, Ill.



Past, Present and Future of Poultry. About 1880 people began to pay more attention to this department of the farm. They were realizing that if it were better looked after and rightly managed, better profits would be secured. In order to do this there must be a more thorough knowledge of why and how such things could be brought about. Very few were taking any interest. The farmer considered it only a side issue and for the women folks, as his time was taken with the farm work and his horses, cattle and hogs.

The country weeklies never printed line in defense of the hen or to enlighten their readers upon the ways and means of raising chickens. this time you could count the poultry publications upon the fingers of one hand. It was at this time that we became deeply interested in poultry; read everything we could get on the subject, for we were convinced that by careful study and planning, there was a grand future that, in the years to come, would be realized. We were impressed with the fact that, while first cost was more, the raising of improved stock, counting care and feed, was no more than for scrubs, and the selling of the same was easier and more profitable. To carry out this idea we purchased from a reliable breeder a trio of breeding birds of a variety which appealed to us as best suited to the farmer as an all purpose breed. They cost us five dollars, which, at that time, was a long price; also a setting of eggs of the same variety for one dollar and fifty cents.

Last week at the Topeka Poultry

Show an exhibitor refused \$800 for a pen of birds. Another exhibitor sold twenty-one birds for \$900, and birds were on exhibition whose eggs sell for two to five dollars each. This we cite as a comparison between then and now, and the general conditions over the country everywhere were then and are now the same.

In 1883, when we moved to southern Kansas, we found there nothing but ordinary poultry. It was not long until conditions changed. A desire for better stock and ability to purchase, came to the people. Old ideas gave way to new. Progression took hold of some of the old school farm. ers, and within a few years better poultry and more of it was every-where apparent. The same condi-tions spread all over the country and poultry raising passed out of history as a side issue and took its rightful place with other farm stock.

In 1894, upon invitation, we read a paper on poultry before a farmers' institute at the Agricultural College, Manhattan. While this subject was a new one upon institute programs, it was one that could be profitably discussed. The way was opened.
We urged the president to give

poultry a place in the college course along with farm stock, that the time would come when it would have a place in the class room, when openings would be ready and waiting for those able to teach poultry manage-ment. His reply was: "There is no ment. His reply was: "There is no demand for it." Probably the time was not ripe, but the demand came at last.

Hon. Jerry Rusk was the first Sec-retary of Agriculture to recognize poultry in his Annual Report, that of 1888. In it he said: "The time has come when the importance of the poultry interests should be recognized by this Department." In his 1890 Report he says: "The poultry products of this country represent in the aggregate a vast sum, and the industry is one which exists or should exist on every farm in this country and which, consequently, interests a larger number of the constituents of this Department than any other single industry.

In 1904 Oklahoma opened and in 1910 the census gave the poultry and egg production as \$2,962,000. In 1895 Kansas reported an annual poultry product of \$3,431,000; in 1910 it had increased to over \$10,000,000. Poultry and eggs sold in the United States during 1909 amounted to over \$700,000,000, exceeding any field crop, excepting corn. Last year Missouri reported sales of poultry and eggs exceeding \$46,000,000. Since 1900 the increase of production has been immense, owing to the growth of artificial incubation, the demand from the cities, cold storage facilities, enabling

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My plan enables people to go into the poultry business and make money. I'd turnish you a poultry book that is the key to the business. Ask for it. It will pay. If you buy the Queen it's on 90 (or more) days trial, freight paid, low factory price. 10 year guarantee now. The contest is always on and the Queen always leads at money making. Address

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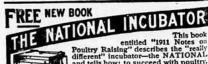
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Farmers and stockmen suffer, through lice and parasites, the appalling annual loss of nearly. \$200,000,000 — a sum which could be saved, and added to the grand aggregate of "farm prosperity" if Dr. Hess Dip and Disinfectant were used the country over.

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the keeping of poultry and eggs for supplying the market during the nonproducing season, and also because people have found that it plays an important part in swelling the bank account and cancels many a grocery

The poultry industry is just getting under way. Notice the increase of poultry shows; output of incubator factories; poultry schools of instruction and the interest taken by the several states in their agricultural de-partments, and also by the United States Department of Agriculture. Maine, Virginia, New York, Oregon, Kansas and other states through their agricultural colleges are doing a vast and grand work for this industry. Eggs, broilers and roasters have had and are having the attention of the experiment stations as to cost and best methods of production. ways are no longer in use; the reading, thinking, active persons are pushing ahead, investing capital and energy and succeeding.

It has been demonstrated that as a money making proposition, either for fancy or market, it cannot be beaten; that it is traveling along easy street and right up next to the band wagon. This subject is indeed a live subject. We have only spoken of it to show the great possibilities, the great help it is to the country and the grand fu-ture. Opportunity is knocking and the farmer and all are not slow in making the most of it. The poultry industry needs no flowery words or frills of oratory to make it popular or gain attention. State and United States statistics show an enormous increase of poultry and eggs sold each year. The great good in a monetary and educational way causes a smile of satisfaction to spread over the faces of those interested, and father mother and the children are given due

credit for work done.

The people of the United States, and of Kansas in particular, are immensely interested in this industry because it is a live, growing industry. The fostering of the same by appropriations large enough to carry on the experimental work by the nation and states, and for the scattering of information in various ways and for the holding of farmers' institutes should be seen to by Congress and the various legislatures. Kansas will, no doubt, look after its part, as it means thousands of dollars to her people; to those who live in town as well as the country. We have no fears but that it will be looked after, for we have faith that she will do her duty, as Kansas never does things by halves.

—John C. Snyder, Topeka, Kan.

#### Score Card Worth.

"A score card received at a show helps the stock to sell at a good price; even though the score be low, the card shows the value of the bird according to the judgment of the judge who scored the bird. It shows the bird is not disqualified, which is what one wants to know when buying a breeding bird. When birds are judged by comparison the fellow winning no prizes has no way of telling whether his birds are of any value or rot, and may think the winning birds far superior to his birds, when, as a fact, they were so near like the winning birds the judge had trouble to decide which was the best. The score card shows you the weakness of your birds and by this means in the breeding pens you can mate so as to eliminate these weak points."—W. A. Lamb, Topeka.

Mr. Lamb might have added that the method of judging by comparison practically shuts out all poultrymen except the big fanciers. If it is desired to have a fanciers' show only then this method may be all right, but it has little or no educational value and gives the small breeder and farmer no show and no information. It is for this reason and because of its educational value that the Kansas State Poultry Association has always used the score card.

What a Poultryman Adds to Knowledge.

Mr. I. K. Felch, for years one of the leading breeders, exhibitors and writers of the poultry fraternity—a writer whose contributions would many hundreds, perhaps thousands of pages-once said that his real contributions to the subject could all be comprised in one small page. By this he doubtless intended that what he

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X-Ray Incubators produce bigger per cent hatches than any other incubator made. That is proved by the thousands of letters we have received from X-Ray users. Our book is full of proof. But we want to tell you some of the reasons now.

First, we put the lamp underneath, in the center, where it belongs—not on the side. So we get absolutely even temperature throughout the egg-chamber—no cold side. Then the X-Ray oil tank holds 4 to 8 quarts of oil—so there's no every-day filling of the lamp—no very-day muss, smell and bother. Fill the X-Ray lamp once and you never need touch it till after the hatch. And our automatic trip cuts down the flame when egg-chamber gets too hot. All others let the excess heat escape. That's why we use only one gallon of oil to the hatch, where others use 3 to 5 gallon not the only advantages of cwning



Incubator

the door is at the top, with two double-glass panels. Simply raise the lid to ventilate or to turn eggs. Eggs are never taken out of incubator. And you can see the thermometer every minute without opening any door. Look right through the glass at the top. And the thermometer we use is different and better than any other. You should know all the facts about this wonderful X-Ray Incubator and X-Ray Brooder. So many advantages over all others that they're worth knowing about.

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PURE BLOODED LIGHT BRAHMA cockerels for sale. Milton Stephens, Sidney, Iowa.

SUPERIOR QUALITY
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Is proven by latest winnings. At Newton, Garden City and Wichita they won 9 firsts, 9 seconds and 7 thirds. Eggs from pens \$3 to \$5 per setting; from range, \$4 per 100, Send for circular.

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One of the best poultry ranches in the state. Two acres adjoining Washburn college campus, 9-room house, cellar, cistern, well water, barn. Best poultry house in county. Fruit and ornamental trees. Price \$4,000, half on time if desired. No trades. POULTRYMAN, Kansas Farmer Office.

EGGS AND STOCK FOR SALE OF 8 VArieties of Leghorns: 3 varieties of Minorcas; also Blue Andalusians, Mottled Anconas, English Red Caps, R. C. Black Bantams, White Cochin Bantams. Mr. and Mrs. Otis H. Crow, Hutchinson, Kan,

contributed to the volume of knowledge as original, unknown before he made it known, could be placed in this condensed space. But space is a poor measure of any one's contributions to knowledge. A single short sentence may convey a vast amount of mean-ing. The Mendelian law may be stated in a few words, but the content of those words is large. To say, "The germ plasm is the bearer of heredity, requires but eight words, but many col-umes contain less meaning. And so, if we accept Mr. Felch's statement as literally true, we may still allow him a place among the large contributors to knowledge upon poultry subjects. But ought we to take his statement as literally true?

There are two ways in which the boundaries of our knowledge may be enlarged. One of them is by the discovery of some new principle, law or fact; the other by popularizing that new principle, law or fact, and show-ing its application to every day problems or duties. Few poultry breeders are fitted by opportunity, inclination or education to make original investigations and discover new principles or laws. They may, indeed, and often do, observe facts which furnish clues for those more fortunately situated, clues which followed up enable the investigator to make an important dis-They even make shrewd covery. guesses as to the underlying principle or law, and with a slight change in their circumstances, might have become the real discoverers. A few poultry breeders more happily situated for such work, become investigators and add to knowledge something new and original. But it is in the second way that poultry breeders more especially add to the knowledge upon poultry subjects. A new law, let us say, is discovered. They test it. They find how the law applies to their They discover its limitations. Their labors enable them to comment intelligently upon the law. And, be it said, intelligent comment requires the exercise of intellectual powers of no mean degree. Fiske, Gray and many others of our really great men, have added perhaps as much to their fame by their commentaries upon the discoveries of others as they have by purely original work. The man who first discovered electricity did but little for mankind, but those wizards of science who harnessed this mysterious force and made it work for man, who compelled it to propel his vehicles, turn his machinery, light his dwelling, heat his home, cook his food, and send his messages around the world, have made the human race their debtor. While much of their work in some sense is original, yet in another sense it is only a commentary upon the discovery of him who first rubbed a bit of amber and found that a rew force was developed. The practical application of principles or laws, while it should not rob the investigator of one jot or tittle of his just fame, is what the immediate needs of the world demand. And he who makes this application, and by his contributions makes it known, is as truly adding to the sum total of human knowledge as the original investigator who makes the foundation discovery. Without that discovery there would be nothing to comment upon, it is true; but without the commentary the discovery would prove barren of practical results.

In this second way, by verifying, testing, applying and commenting upon the discoveries of others, the poultry breeder can and does do much to enlarge the boundaries of our knowledge, even if he modestly estimates that his original discoveries could be compressed into a few sen-tences. We, who are looking for practical results, turn to him, rather than to the investigator, for our knowledge. He distributes the bread of intellectual life to us. We understand his instructions for he speaks in words familiar to our ears. We owe to him an immense debt as our instructor, guide and friend.

# For Sale -- Eggs

Rose Comb R. I. Reds. Pen 1, \$1.50 per 15; pen 2, \$1.25; pen 3, \$1.00; \$5.00 per 100. Rose Comb White Leghorns, \$1.00 per 15; \$5.00 per 100. Send for show record. MODEL POULTRY FARM, Crane, Mo.

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throw water on the burning a lamp has been upset and the verflows. Instead throw on flour, sand, or ashes, and put it first the foremost flames and then work to where the flames started

The Really Trulys of Heaven.

it year old William and his Will are great chums, and the takes delight in the quaint sayof his namesake.

rained on the day that William to have gone to a wonderful piz-The little lad stood at the wintrying to keep back the tears. le Will, coming by, and seeing the s, slapped his nephew on the and unexpectedly shouted: llo, Bill! What's your idea of

he small boy looked up and sol-ly answered: "Heaven's the where the really-trulys are as as the just-supposin's."—Alice eron in Woman's Home Compan-

#### Dear Old Friends.

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itting last winter among my s," said Leigh Hunt, in 1823, walled around with all the comand protection which they and fireside could afford me— to wit, alle of high-piled books. ble of high-piled books at my my writing desk on one side of some shelves on the other, and celing of the warm fire at my leeling of the warm lir; at my

I began to consider how I loved
authors of those books; how I

I them, too, not only for the
inative pleasures they afforded
but for their making me love the
books themselves, and delight to
a contact with them. I looked ways at my Spencer, my Theocri-and my Arabian Nights; theu e them at my Italian Poets; then belind me at my Dryden and Pope, my Romances, and my Boccaccio; then on my left side at my Chaucer, who lay on my writing desk; and thought how natural it was in Charles Lamb to give a kiss to an old folio, as I once saw him do to Chapman's Homer."

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I started with the best field-selected corn in every variety. Picked the best ears, tested six kernels from each ear ears, tested six kernels from each ear for germination and if even one of the six kernels from any ear failed to germinate strongly, that ear was discarded. I'll send this 100 per cent seed corn on

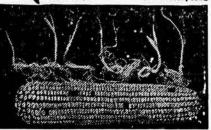
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Plenty of Field's Certified 100 per cent Seed Corn next year, but don't wait. Get the extra \$5.00 to \$10.00 or more per acre on the coming crop. Write me a postal now for the facts, and ask for samples if you want them. I'll also send you my new 1911 seed book—best I've ever pub-lished. Mail postal now to

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# EMPIRE BUILDERS Cornish

By FRANCIS LYNDE



SYNOPSIS OF PRECEDING CHAPTERL.

Stuart Ford, superintendent of the Plug Mountain branch of the Pacific Southwestern railroad, and Jack Frisble, constructing engineer, determined to make the branch pay. Ford went to New York to see President Colbrith, and on the train helped young lady who had lost her purse. At President Colbrith's office Ford met Chas. Adair, a nephew, who succeeded in getting his uncle to advance the capital necessary to get centrol of the majority of stock. Ford returned to Chicago and President Colbrith came west with a party, one of whom was the young lady Ford had assisted, Miss Alicia Adair. After a long, hard fight Ford succeeded in floating the stock and the bonds were sold to a Dutch syndicate. Superintendent North, Ford's enemy, and Brian MacMorrogh, a contractor, went to New York for a conference with Fresident Colbrith giving the contract to MacMorrogh Bres., and ordering Ford to consult North in all cases of doubt. Ford then visited the mining camps where railroad right (ways were in d spute, found that saloons and gambling halls were running, and bought a half interest in the Little Alicia mine. President Colbrith was influenced in the appointment of John C. North as first vice president and general manager. In the midst of the fight regarding the laying of the new branch, President Colbrith arrived from New York with a party of friends in his car.

CHAPTER XVI.

CHAPTER XVI. THE TRUTHFUL ALTITUDES.

THE TRUTHFUL ALTITUDES.

A DOW, tremulous shudder was beginning to lift itself, like the distant growling of thunder, upon the tinnient air of the high summit. A moment later a heavy construction engine shot around the final curve in the westward climb, with Michael Gallagher hanging out of the cab window on the engineer's side.

with Michael Gallagher hanging out of the cab window on the engineer's side.

The two at the summit faced about to watch the approach. The big engine came lumbering and lunching dangerously over the unsurfaced track in a fierce spurt for the mountain-top, its stack vomiting fire, its cylinder-cocks hissing shrilly, and its exhaust ripping the spheral silences like the barking detonations of a machine-gun. Ford glanced aside at his companion; her expressive face was a study in delighted animation and he decided that he had again misjudged the president's niece. She was beating time softly with her gloved hands and singing the song of the locomotive:

"With a michnai—ghignai—shtingal! Yah! Yah! Yah!

Ein—zwei—drei—Mutter! Yah! Yah! Yah!

Ein—zwei—drei—Mutter: Tan: Tan:
Yah!

She climb upon der shteeple,
Und she frighten all der people,
Singin' michnai — ghignai — shtingal! Yah! Yah!'"
she quoted; and Ford's heart went out
to her in new and comradely outreachings.

reachings,
"You read Naght-naught-seven?" he said: "you are one woman in a thousand."

said: "you are one woman in a thousand."
"Merci!" she countered. "Small favors thankfully received. Brother thinks there is only one person writing nowadays, and the name of that person is Kipling. I get a little of it by mere attrition."

The brakes of the big engine were still gripping the wheels when a small man with wicked mustaches and goatee dropped from the gangway. His khaki suit was weather-faded to a dirty green, and he was grimy and perspiring and altogether unpresentable; but he pulled himself together and tried to look pleasant when he Empire Builders.

Empire Builders. Copyright 1907 by Francis Lynde.

saw that his chief had a companion, and that the companion was a lady.

"I'm sorry if I have kept you waiting," he began. "Gallagher was shifting steel for the track-layers when your wire found me, and the engine couldn't be spared,"—this, of course, to Ford. Then, with an apologetic side glance for the lady: "Riley's in hot water again—up to his chin."

"What's the matter now," gritted Ford; and Alicia marked the instant change to masterful command.

"Same old score. The Italians are kicking again at the MacMorrogh Brothers' commissary—because they have to pay two prices and get chuck that a self-respecting dog wouldn't eat; and, besides, they say they are quarrying rock—which is true—and getting paid by the MacMorroghs for moving earth. They struck at noon to-day."

The chief frowned gloomily, and the president's niece felt intuitively that her presence was a bar to free speech.

"It's straight enough about the rotten commissary and the graft on the pay-rolls," said Ford wrahfully. "Is the trouble likely to spread to the camps farther down?"

"I hope not: I don't think it will—without whisky to help it along," said Frisbie, with another apologetic side glance for Miss Adair.

"Yes; but the whisky isn't lacking—there's Pete Garcia and his stock of battle, murder and sudden death at Paint Rock, a short half-mile from Riley's," Ford broke in.

Frisbie's smile, helped out by the grime and the coal dust, was triumphantly demoniacal.

"Not now there isn't," he amended; adding: "Any fire-water at Paint Rock, I mean. When Riley told me what was doing. I made a bee line for Garcia's wickiup and notified him officially that he'd have to go out of business for the present."

"Oh, you did?" said Ford. "Of course he was quite willing to oblige you? How much time did he give you to get out of pistol range?"

Frisbie actually blushed—in deference to the lady.

"Why—er—it was the other way round. He double-quicked a little side-trip down the gulch while I knocked in the heads of his whisky barrels and wrecked his bar with a

For the first time in the interview the chief's frown melted and he laughed approvingly.

"Miss Adair, you must let me introduce my friend and first assistant, Mr. Richard Frisble. He is vastly more picturesque than anything else we have to show you at this end of the Pacific Southwestern. Dick — Miss Alicia Adair, President Colbrith's niece."

Frisbie took off his hat, and Miss Alicia gave him her most gracious

Alicia gave him her most gracious smile.

"Please go on," she said. "I'm immensely interested. What became of Mr. Garcia afterward?"

"I don't know that," said Frisble ingenuously. "Only, I guess I shall find out when I go back. He is likely to be a little irritated, I'm afraid. But there are compensations, even in Pete: like most Mexicans, he can neither tell the truth nor shoot straight." Then again to Ford: "What is to be done about the Riley mix-up?"

"Oh, the same old thing. Go down and tell the Italians that the company will stand between them and the Mac-

Morroghs, and they shall have justice—provided always that every man of them is back on the job again to-morrow morning. Who is Riley's interpreter now?"

"Lanciotto."

"Well, look out for him: he is getting a side-cut from the MacMorroghs and is likely to translate you crooked, if it suits his purposes. Check him by having our man Luigi present when he does the taiking act. Any word from Major Benson?"

"He was at the tie-camp on Ute Creek, yesterday. Jack Benson and Brissac are lining the grade for the steel on M'Grath's section, and the bridge men are well up to the last crossing of Horse Creek."

"That's encouraging. How about the grade work on the detour—your new line into Copah?"

It was the assistant's turn to frown, but the brow-winkling was of puzzlement.

"There's something a bit curious

but the brow-winkling was of puzzlement.

"There's something a bit curious about that—you don't mind our talking shop like a pair of floor-walkers, do you, Aliss Adair? You know we expected the MacMorroghs would kick on the change of route and the loss of the big rock-cut in the canyon. There wasn't a word of protest. If I hadn't known better, I should have said that old Brian MacMorrogh knew all about it in advance." All he said was: 'Sure, 'tis your railroad, and we'll be buildin' it anywhere you say, Misther Frisbie.' And the very next day he had a little army of men on that detour, throwing dirt to beat the band. It'll be ready for the steel by the time we can get to it with the track-layers."

Ford nocded approvingly. "Speed is

track-layers."

Ford nodded approvingly. "Speed is what we are paying for, and we're thankful to get it whenever, and wherever, we can. Is the bridge timber coming down all right now?"

"Yes; and we are getting plenty of ties since the major put on his warpaint and went after the MacMorrogh subs in the tie-camps, It is the rock work that is holding us back."

Ford nodded again. Then he tried

paint and went after the MacMorrogh subs in the tie-camps. It is the rock work that is holding us back."

Ford nodded again. Then he tried a little shot in the dark.

"The president's car is just below—at the basin switch. He wants to have it taken to the front, and I have been trying to dissuade him. Is the track safe for it?"

risole guessed what kind of answer was desired, and stretched the truth a little.

"I should say not. It's something fierce, even for the construction trains."

Miss Alicia's smile was seraphic.

"You two gentlemen needn't tell fibs for the possible effect on me," she said, with charming frankness. "Nothing I could say would carry any weight with Uncle Sidney."

"Stung!" said Frisbie, half to himself; and the two men laughed shamefacedly.

"Will it disarrange things so very much if the Nadia is taken to the 'front'?" asked Miss Adair.

"Well, rather," said rrisbie bluntly. Then he tried to excuse himself and made a mess of it.

"Just why?" she persisted, "Forget the conventions, kir. Frisbie, and talk to me as you have been talking to Mr. Ford. Is there any good reason, apart from the inconvenience, why our little pleasure party shouldn't see your new railroad I am appealing to you because Mr. Ford won't tell me the truth."

Ford stood aloof and let Frisbie worry with it alone.

"There are a dozen reasons. Miss

pleasure party shouldn't see your new railroad I am appealing to you because Mr. Ford won't tell me the truth."

Ford stood aloof and let Frisbie worry with it alone.

"There are a dozen reasons, Miss Adair; the track is fearfully rough—really, you know, it isn't safe for a big car like the Nadia. There are only a few sidings, and what there are, are filled up with construction stuff and camp cars, and—"

She was shaking her head and laughing at his strivings.

"Never mind," she said; "you can't tell the truth, either, with Mr. Ford looking on. But I shall find it out."

Frisbie looked horrified.

"You — you certainly will, Miss Adair; if Mr. Colbrith insists upon having his car dragged over the range." Then, being quite willing to make his escape, he turned to his chief. "Is there anything else? If not, I'll be getting back to the Riley mix-up before the trouble has time to grow any bigger."

Ford shook his head, and Frisbie lifted his hat to Miss Adair and turned to climb to his engine cab. But at the moment of brake-releasings Ford halted him.

"One minute," he said; and turning to his charge: "I'll borrow Dick's engine and take you down to the Nadia's siding, if you'd rather ride than walk."

"Oh, will you? That would be fine! But oughtn't Mr. Frisbie to get back to his work?"

"Y-yes," Ford admitted. "Time is rather important, just now."

"Then we'll walk," she said with great decision.

"That's all, Dick," Ford called. "Keep an eye open for Garcia. He might made a fluke and shoot straight, for once in a way."

They stood in silence on the wind-swept summit until the curving downrush of the western grade had swallowed the retreating engine. Miss Alicia was the first to speak when the iron clamor was distance-drowned. "I like your Mr. Frisbie," she said reflectively. "Isn't he the kind of man who would stop a bullet for his friend, and think nothing of it—if the bullet shoulh happen to leave him anything to think

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with," he returned warmly. And then he added, half absently: "He saved my life four years ago last summer."
There was genuine 'human interest in her voice when she said gently:
"Would you mind telling me about

"Would you mind telling me about it?"

"It was up in the Minnesota pineries, where we were building a branch railroad through the corner of an Indian reservation. A half-breed pothunter for the game companies had a right-of-way quarrel with the railroad people, and he pitched upon me as the proper person to kill. It-was a knife rush in the moonlight; and Dick might have shot him, only he was too tender-hearted. So he got between us."

us,"Well?" she prompted, when it became evident that Ford thought he had finished.
"That was all; except that it was touch and go with poor Dick for the next six weeks, with no surgeon worthy of the name nearer than St.

worthy of the name nearer than St. Paul.

Miss Alicia was more deeply impressed by the little story than she cared to have her companion suspect. Her world was a world of the commonplace conventions, with New York as its starting point and homing place; and she thought she knew something of humankind. But it came to her suddenly that the men she knew best were not at all like these two.

"Shall we go back now?" she asked: and they were half-way down to the siding and the private car before she spoke again. It took some little time to compass sufficient humility to make amends, and even then the admission came to no more than four words.

mission came to no more than four words.

"I'm sorry, Mr. Ford."

"What for?" he asked, knowing only that he was coming to love her more blindly with every added minute of their companionship.

"For—for trying to be hateful." It was a humbler thing than any she had ever said to a man, but the raw sincerity of time and place and association was beginning to get into her blood.

"If it comes to that, there were two of us." he rejoined, matching her frankness. "And, as you remarked a while back, I was certainly the aggressor. Shall we call it a truce for the present?" gressor. Shi the present?"

the present?"

"If you will be generous enough."

"Oh, I am generosity itself, under ordinary conditions; but just now I'll admit that I am fearfully and wonderfully inhospitable. I can't help wishing most fervently that something had happened to prevent your uncle's commit."

"Is it uncle who is in the way?—or the pleasure party"
"Both."
"We are negligible," she said, meaning the pleasurers.
"No, you are not; and neither is your Uncle Sidney."
"Is he still formidable to you?" she laughed.

laughed.
"He is, indeed. But, worse than that, he is likely to prove a very considerable disturbing element if I can't keep him from plunging in upon

siderable disturbing element if can't keep him from plunging in upon us."

She let half of the remaining distance to the end of the steep grade go underfoot before she said: "I like to help people," sometimes; but I don't like to do it in the dark."

He would have explained instantly to a man for the sake of gaining an ally. But he could not bring himself to the point of telling her the story of graft and misrule in which the MacMorroghs were the principals, and North—and her uncle, by implication—the backers.

So he said: "It is rather a long story, and you would scarcely understand it. We have been having constant trouble with the MacMorroghs, the contractors, and there is a bad state of affairs in the grading camps. It has come to a point where I shall have to fight the MacMorroghs to some sort of a finish, and—well, to put it very badly, I don't want to have to fight the MacMorroghs and the president in the same round."

"Why should Uncle Sidney take the part of these men, if they are bad men, Mr. Ford?"

"Because he has always distrusted my judgment, and because he is loyal to Mr. North, whom he has made my superior. Mr. North tells him that I am to blame."

"But it must be a very dreadful condition of things, if what Mr. Frisbic

superior. Mr. North tells him that I am to blame."

"But it must be a very dreadful condition of things, if what Mr. Frisbic said is all true."

"Frisbie spoke of only one little incident. Trouble like this we're having to-day is constantly arising. No money-making graft is too petty or too immoral for the MacMorroghs to counive at. They rob and starve their laborers, and cheat the company with bad work. I've got to have a free hand in dealing with them, or—"

He stopped abruptly, realizing that he was talking to her as he might have talked to a specialist in his own profession. Hence he was not disappointed when she said:

"You go too fast for me. But I think I understand now why our coming is inopportune. And it's comforting to know that the reason is a business reason."

He put shame to the wall and blurted out suddenly: "It is only one

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mess reason."
He put shame to the wall and blurted out suddenly: "It is only one of the reasons, Miss Adair. The—the camps are no fit place for a party with women. You—you'll have to be blind and deaf if your uncle persists in taking you with him."

It was said, and he was glad of it, though he was wiping the perspiration from his face when the thing was done. She was silent until they were standing at the steps of the side-tracked private car.

"Thank you," she said simply. "Of course, I'll do what I can to keep Uncle Sidney from going—and taking is. What shall you say to him."

Tam going to tell him that our track isn't safe for the Nadia—which is true enough."

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"Very well. I'll tell Aunt Hetty and Mrs. Van Bruce—which may be more to the point. But don't be encouraged by that. I have reason to believe that Uncle Sidney will have his way in spite of any or all of us." (Continued next week.)

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G. L. PAINTER & CO., Dodge City, Kansas.

EASTERN KANSAS GRA IN AND STOCK FARM.

400 acres, 5% miles from Osago City, Kan., 100 acres in cultivation, 10 acres good timber, 8 acres good orchard, balance native grass pasture and meadow, 5 room house, good cellar, 2 good barns with loft, granary, hen houses, hog and cattle sheds, plenty of good living water, R, F. D. and phone. Price \$35 per acre if sold by Feb. 1., This is a bargain. Act quick. For particulars write

J. C. RAPP & CO., Osage City, Kansas,

EASTERN KANSAS FARMS \$35 to \$75 per acre; also have mose. to trade for land; we are doing a general exchange business, Richmond Land & Lean Co., Richmond, Kan.

160, WELL IMPROVED, in Eastern Kanerty. BOX 123, Richmond, Kansas

# 1120 ACRE COMBINATION BANCH.

25 head horses and colts above average, and one registered Percheron stallion, Write for particulars, 30 acres first-class altalfa land in famous Artesian Valley at a great bargain. WM, MILLER, Meade, Man.

IF YOU ARE INTERESTED IN CENTRAL KANSAS, WESTERN KANSAS OR COLO-RADO LAND FOR A HOME OR INVEST-MENT, STATE YOUR CHOICE TO C. C. WALLACE, BROOKVILLE, KANSAS,

# YOU'LL LIKE LINN COUNTY, KAN. We have abundant coal, wood, natural gas and good water. The land raises magnificent crops of alfalfa, timothy, clover, bluegrass, cars, corn and wheat. R. F. D. and phone at your door. Price \$20 to \$80 per acre. List free. A. E. ROOT, Pleasanton, Han.

200 ACRES, 10 miles from Delphos, 40 a, pasture, 160 in cultivation, 175 can be cultivated, creek, plenty of fruit for family use. Good house, barn and outbuildings. One of the best corn and alfalfa farms; can be bought for \$75 per acre; ½ cash, balance 6

Box 114, Minneapolis, Kansas,

BUY OF OWNER - SAVE COMMISSION. A nice valley farm of 320 a. 3 mi. of Fredonia, county seat, best gas town in state, all tillable, 110 a. in cultivation, balance in meadow and pasture, good 5 room house, big barn and other improvements, free gas, also income from gas wells on farm, telcphone and R. F. D. Easy terms. Buy of owner and save commission. A snap at \$42.50. Must sell. Write

LOCK BOX 807, Fredonia, Kansas.

IF YOU MEAN BUSINESS and have real estate and merchandles of any kind for sale and exchange, and are willing to pay a commission should I make you a deal, write me at once of what you have and desire I have several very attractive propositions to offer you for a home or investment; am doing a general exchange business. Carl G. Anderson, Athol, Smith Co., Kansas,

#### SELLING A MONEY-MAKER.

For quick sale at \$20 per acre—A half section in S. W. Nebraska; fair improvements; house of 3 rooms, stables, chicken house, well and windmill; also other outhouses, including hog sheds. This place is already to move on to and go to work; only missed two crops in 25 years and none at all in last 14 years. Old agg only reason for selling. Priced at \$20 per acre for quick sale. Write at once to

JACKSON R. E. CO., 1327 Quincy St., Topeka, Kansas,

### READ THIS BARGAIN

160, Anderson county, Kansas, joining small town, 120 cult., 30 timothy and clover, 7 room house, barn, etc. Price \$8,006. 160, 2½ miles of Welda, Kan.; 60 cult., balance meadow; all tillable; no buildings, \$5600.

SPOHN BROS., Garnett, Kansas

MARSHALL CO., KANSAS, LAND - 480 acres, 3 miles from town, 160 acres under plow, 70 acres in alfalfa, balance good limestone subsoil pasture; 5 room house, 10 horse barn, stone cattle barn 30x140, some timber, and elegant spring. No better stock farm in the county; good orchard. \$55 per acre. Terms to suit purchaser. E. F. Dewey, Blue Rapids, 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 for proposition on our own ranches.

FRIZELL & ELY, Larned, Kansas,

SAY Buy a farm or build an agency.
BUCKEYE AGENCY, Agricola, Kan.

FOR SALE—General merchandise, small town; excellent opportunity for live man. Address State Bank of Cummings, Cum-mings, Kan.

# CAN'T BEAT THIS IN KANSAS.

160 acres second bottom, 4 miles town, large 5-room house, barn 36x40, bearing orchard, good water, near school; must be sold. \$10,500. T. B. Godsey, Emporia, Kan.

#### O. U. BARGAIN HUNTER!

Three fine quarters at \$47 per a., 4 mi, out; 3 choice half sections, \$40, \$45, \$50 per a., 3 and 4 mi, out. Snap. Two elegantly improved, highly cult, farms joining city, \$100 per a. Many choice trading propositions

O. E. LOWER, Herington, 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 price, address the

SECRETARY of the COMMERCIAL CLUB, Topeka, Kansas.

#### FOR SALE

1,700 acres of my 4,100 acre ranch in Kearney county, Kansas, on the Arkansas River and Santa Fe R. R.; 700 acres alaifa land, 60 acres in alfalfa; all fenced with three and four wires; 5 room frame house stone basement; barn 25x60 feet, part stone basement; stock sheds with iron roof, all well built and 300 yards south of Sutton Flag Station; wells at house, barn and in pasture. Reason for selling: Too big for my foreman to lock after. John Shinkle will show place. Price \$20 per acre net to me.

H. H. SMALLEY, Springfield, Mo.

### LOOK AT THIS

80 acres, 4 miles to town, ½ mile to school, 6 room house, good orchard, shade, 2 wells. (9 acres cultivated, 20 acres pasture; every foot can be plowed; lays nice, no rough land. Price \$2800.

A. P. ROSA, Galesburg, Kansas.

IMPROVED Anderson county corn, wheat, oats and alfalfa farms at \$40 to \$60 per acre. Write for our free list. Also good exchange propositions. Rice-Daniel Land Co., Garnett, Kan.

TOR SALE—120 acre farm 40 miles south Topeka, 2 miles of railroad town in Osage county; 20 acres in corn, 1910, balance in alfalfa, clover and native meadow; farm well fenced and in first class condition with fair improvements, Price \$55 per acre with fair improvements. Price \$55 per acre with \$1,000 cash: rest on long time at 6 per cent. Interest: will sell to good party and furnish money to stock it with hogs and cows on nortnership basis. A. G. Epler, Owner, Room 601 New England Bidg., Topcka, Kan.

# **BOURBON COUNTY**

80 acres 5 miles Fort Scott, 5 room house, good barn, \$45 per acre, 160 acres 7 miles Fort Scott, good 5 room house, fair barn, no waste land. Price \$40 per acre, 160 acres 9 miles Fort Scott, good 6 room house, good barn and outbuildings, plenty fruit, \$35 per acre. Write me for further information.

GEORGE N. BAINUM. Fort Scott, Kansas,

ANDERSON COUNTY—100 acres, 60 acres in cultivation, balance pasture and mowland, fine soil, no rock. A new 9-room 2-story house, cement cellar and walks. Good barn and other improvements: half mile to R. R. town. \$65 per acre. A snap. Write for full description.

GEORGE W. ILER & SON, Garnett, Kan.

FOR SALE—Eastern Kansas black prairie corn, alfalfa and clover farms. Some exchanges. Write today for free list and map. G. T. KINSEY, LeRoy, Kan.

you want a bargain write for free list of Anderson county farms. You want a trade list with us. Holcomb Realty Co., Garnett, Kan.

#### NESS COUNTY, KANSAS.

If you want wheat land, if you want al-falfa land, if you want pasture land, if you want improved land, I've got it. If you will write me just what you want, I will find it for you at prices that can't be discounted.

J. G. COLLINS, Ness City, Kansas,

SEVERAL good farms to trade for stocks of merchandise and land to exchange for city property. Land in the fertile Guif Coast of Texas, \$20 per acre, on payments; fine climate and farmers get rich in a few years, We go down twice a month. Write me for particulars, Henry G. Parsons, Lawrence, Han.

IF YOU are in the market for the best farms in Southeast Kansas at the very lowest prices, see us. We handle nothing but the best. We are also handling some very fine fruit, grain and stock farms in Washington Co. Ark Our customers our refer. ington Co., Ark, Our customers our references. Smeltzer & Co., Iola, Kansas.

level second bottom, 4 miles from county seat, 100 acres under plow, 1f acres alfalfa, running water fed by spring, 5 room house, barn for 6 horses, large hay shed and other good improvements; good bearing orchard, Price \$65 Ler acre: easy terms. Joseph D. Ryan, Abliene, Kan.

### FRANKLIN COUNTY BARGAINS

Well improved farms \$35 to \$75 per acre. Write for list, PRINCETON LAND CO., Princeton, Kan.

KAN, AND OKLA, FARMS—City prop-erty, mdsc., livery barns, etc., for exchange, Real Estate Exchange, Coffeyville, Kan,

MONTGOMERY COUNTY LAND — Write today to Foster Bros., Independence. Kan., for list end map. Oldest realty company in southwest Kansas.

WHAT have you to trade for lands or city property? Hale, Coffeyville, Kan.

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LAVE AGENTS WANTED
to sell town lots in Best Little
City in Southwestern Kan, Prices
\$12.50 to \$50. Easy monthly payments. Best selling proposition
ever placed on the market, -Good
commissions. No Experience Necessary, Full instructions, You can
sell them, Write me today, JOHN
W. BAUGHMAN, Plains, Kansus,

PLAINS TOWN LOTS

A FINE FARM HOME.

Consisting of 160 acres, 60 acres in alfalra, 65 acres in natural pasture, balance in a high state of cultivation, all fenced and cross fenced, good orchard, all kinds of fruit; has never failing running water and fine shade; large 10 room residence heat by steam, 2 large bath rooms, porcelain bath tubs, wach bowls and tollets, hot water and cold water and rain water piped to all parts of the house with sanitary sewer; water pumped by gasoline engine to all parts of the residence and buildings to wherever it is needed, and lighted with acetylene light plant; large hay barn and cattle barn, horse barn and hay mow, granaries and corn crib, large implement shed and a row of fine box stalls, large open cattle shed and hor house combined; buildings all nearly new and in good repair; located near a good railroad town in Sedgwick county and twenty miles from Wichita. Price \$17.500 Terms.

EDWIN TAYLOR REALTY CO.,

Wichita, Price Michita, Price Wichita, Kansas, Wichita, Kansas,

#### MONEY MAKER FOR \$2,500 CASH.

160, one mile from good town, well fenced, 500 rods woven wire, well watered, skroom house, good barn, good young orchard. Price \$6,000. Will carry \$3,500 five years at C per cent. Alo have 160 well improved stock farm, \$56,00.

DONAHUE & WALLINGFORD, Mound Valley, Kansas.

r've found it—480 a. farm, 300 a. creek bottom land, 200 a. first class alfalfa land, 100 a. choice meadew, splendid pasture, plenty of timber for posts and fuel, living water in creek, don't overflow, school on farm, 9 miles of Spearville; improvements poor. For quick sale \$25 per acre; good terms; no trade. STINSON & SHELDON, Spearville, Kansas.

# CORN!

Will make 65 bu. to the acre on every acre of this 160 acres of rich, black, limestone soil. No rocks. Big, fine house and barn, bealtiful location, 1½ miles of town. Never failing stock water. No better faim in as. \$60 per ucre. B. H. DUNBAR. Tyro, Kansas.

### NEAR GULF COAST REGION On the Kansas City Southern R. R. at Pickering, Vernon Parish, La.

AN ACRE A natural stock, dairy, and poultry country. Forages grown even in winter. Soil especially adapted to early truck, fruits, and great variety of crops. Good markets. Farm buildings not costly; lumber plentiful. High altitude, 50 inches annual rainfall, perfect drainage, pure water. Invigorating and healthy climate. Write for free booklet.

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IMPROVED FARMS in S. W. Kansas and N. W. Oklahoma, \$18 to \$25 per acre. Write Moore & Falls, Liberal, Kan.

SOUTHERN KANSAS FARMS for sale. Your terms are ours. Write to the Benton Land Co., Benton, Kan.

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I want some straight buyers for a few choice 80, 120, 160 and 320 acre farms in Central and Eastern Kansas. I have some good combination stock farms and ranches that are good bergains. Write me describing fully what you want. Have some large places to trade for smaller.

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d be compelled to pay to your landlord most of your hard-earned profited Own your own farm. Secure a Free Homestead in Manitobe, Saskatchewan or Alberta, or purchase land in one of these districts and bank a profit of \$10.00 or \$12.00.

Land purchased there years ago at \$10.00 are the recently changed hands at \$25.00 are the recent hands warrant the advance. You can

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by cattle raising, dairying, mired farming and grain growing in the provinces of Marntobe, Saskatchewan and Alberta in Westerz Canada.

Free homesteed and pre-emption areas, as well as land held by railway and land companies, will provide homes for miffions.

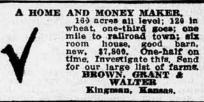
Adaptable soft, healthful climate, splendid schoole and churches and speed railways.

For extiter rates, descriptive literature "Last Best West," how to reach the country and other particulars, write to Sup't of Immigration, Ottawa, Canada, or to the Canadian Gov't Agent.

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## A FORTUNE IN 40 ACRES

An irrigated forty acres in the Lower Pecos River Valley of Texas will provide a fortune for any family as well as a model home, in an ideal, all the year around cli-mate. It will pay 100 per cent annually on present cost of land, including water rights, If interested, write at once to

#### THE HEATH COMPANY GENERAL AGENTS.

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#### FARMERS' FREE EXCURSION TO PECOS PALISADES, TEXAS.

As a special inducement to get you to join me on a trip to Lower Pecos Valley January 17, I will pay for your ticket if you bring three men into my office to go with you. I am selling irrigated land under a completed irrigated project. Get away from the cold weather. The sunshine valley of the Pecos is calling you. Write for details. W. R. DRAPER, General Agent Pecos Pallsades, 10th and Baltimore, Kansas City, Mo.

#### OKLAHOMA LAND

#### GET A HOME.

160 acre farm 21/2 miles of R. R. town and 5 miles of county seat, 10 a, in cultivation. 40 a, pasture, 10 a, mow land, 6 a, orchard, 5 a, alfaifa, good 6 room house, small barn and granaries, all fenced, 2 fine wells of water, fine grape vineyard, % mile to school, farm drains well. Price \$7,000. Immediate possession. One-half cash will handle this, Write for our land list.

BATTEN REALTY CO., Medford, Okiahoma.

### MISSOURI LAND

IMPROVED corn, clover and bluegrass farms 48 miles south Kansas City, \$50 to \$75 per acre. Jot M. Wilson & Son, Harrisonville, Mo.

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HELP WANTED.

WANTED-LOCAL MEN TO TAKE OR-ers for nursery stock in Kan., Mo., Okla., III., Neb. Experience unnecessary. Cash creekly. National Nurseries, Lawrence, Kan.

WANTED—RAILWAY MAIL CLERKS; ity carriers; postoffice, customs, internal evenue employees. Average salary about 11:00. Short hours Annual vacations. Common education sufficient. Send your name mmediately for schedule showing places of oming examination, Free coaching, Frankin Institute, Dept. F-92, Rochester, N. Y.

REAL ESTATE

TO SELL YOUR PROPERTY. WRITE orthwestern Business Agency, Minneapolis. BUY OR TRADE WITH US, SEND FOR ist. Bersie Agency, Eldorado, Kan.

WILL TRADE A GOOD FARM FOR tallions, jacks or other horses. Box 42, formosa, Kan.

FARM LOANS MADE IN ANY AMOUNT rom \$500 up, at lowest rates and on most avorable terms. Betzer Realty & Loan Co., olumbian Bldg., Topeka, Kan.

FOR SALE OR TRADE—A FIVE ROOM ottege and three lots in Herington, Kan; ill trade for horses. Ed Schmidt, Geneseo,

WANT TO BUY—86 ACRES IMPROVED, E. Kansas, adjoining town or close to chool; 1 or 2 miles out. W. E. Tisdale, pring Hill, Kan.

I HAVE A LADY CLIENT WHO WILL rade a quarter of good land for a city resi-ence; another client will trade for auto; nother a plow engine. G. N. Kysar, Good-ind, Kan.

I WILL LOCATE YOU ON A HALF SEC-on of land in grain belt, 8 miles of Arapa-oe. 200 acres fine farming land, for \$200, too late after Feb. 1. Address Box 18, Yeskan, Kan.

LAND WANTED — WILL PURCHASE or cash and terms best bargains or snaps fered us in good, low priced, unimproved testern Karsas land. Land Investment empany, Chanute Kan.

FOR RENT—90 ACRES OF CORN LAND Esstern Kansas, 25 miles from Topeka; room house; free fuel; grain rent. Address ck., care Kansas Farmer, Topeka, Kan.

OREGON INFORMATION — FOR AU-tentic detailed information concerning fruit rewing, dairying, general farming, manu-cturing and business opportunities in any art of Oregon, address Portland Commer-al Club, Room 642, Portland, Ore.

CUBA—MOST PRODUCTIVE SOIL. DE-ghtful and healthful climate. Ample rain-ill. Cheapest transportation facilities to ne world's greatest markets. Particulars fee. Sanderson, 35 Palace Building, Min-eapolis.

WANTED—TO RENT ON SHARES FOR term of years, a farm stocked; preferably South. Kansas; am an experienced farm— ; can give reference; have had some ex-South. Kansas; am an occupant some excan give reference; have had some excance in dairying. Address A. B. Needles,

ELLIS COUNTY WHEAT FARMS—400 cres, 4 miles from Hays City, 170 acres nder cultivation and in crop, balance pasare; good house and other buildings; good ater; pasture all fenced. Price \$34 per per Terms: This lies in a thickly settled prilon of county, principally Germans, asper Klaus, Munjor, Kan.

FARMERS, TAKE NOTICE—WE HAVE bod stocks of merchandise and some good opeka residence properties to exchange for ear Kansas land; give full description in relietter. McNamee Real Estate and Inv. b., 225 New England Bld., Topeka, Kan.

A BEAUTIFUL HOME IN A GOOD CITY, will sell or trade for good land. My place rights 4 acres, 2-story 7-room house with all basement; good outbuildings all new; turnl gas; good schools; street car sercetcd in first letter. Albert Burg, Fortalth, Ark.

KANSAS FARMS FOR SALE—450 ACRES aw River bottom near Topeka, 30 acres faifa, 150 acres does not overflow, 80 bu. In this year on low land, no buildings. A reat bargain at \$20,000; can get loan of 0.000. 200 acre Kaw River bottom farm sar Topeka, 2 sets improvements, 25 acres faifa, 50 acres wheat, 1½ miles to station, ily \$100 per acre. \$8,000 in cash or clear operty will handle this. 1100 acre stock beh in Chautauqua Co., Kan.; 35 acres in literation, small improvements, fine grass d mow land, \$15 per acre. \$10,000 mtg. Years at 54, per cent, balance \$6.500 cash. mow land, \$15 per acre. \$10,000 mtg. ars at 5½ per cent, balance \$6,500 cash, ms and other property for sale and exerce. Roudebush Investment Company, umbian Bldg., Topeka, Kan.

INEST IRRIGATED LAND THE SUNes on is now open to you at a low price fort Stockton, Texas. Write today for map of Texas, booklet and illustrated or describing these lands. Fort Stockton are made big profits last year. Melons ded \$250 per acre, turnips \$300 per acre, last year. Melons ded \$250 per acre, turnips \$300 per acre, last year. Melons to year, waite \$100 per acre, last year. Malaga pes, 50 lbs, per vine. Abundant supply pure spring water for every acre of irrible land. Fine all year climate, altise of hurricanes to cut down profits of perfect at land values. Long growing for and a splendid market right now for thing you can raise, Low rate excursis first and third Tuesday of each th. Write today for particulars. No mats. Fort Stockton Irrigated Lands Compy, 682 Fidelity Trust Bldg., Kansas City, FINEST IRRIGATED LAND THE SUN

64C A. COLORADO, SOME IMPROVE-ments, plenty of water. Frice \$1,000. Have other snaps. Write Box 73, Garber, Okla.

POULTRY.

S. C. BROWN LEGHORN COCKERELS for sale. Mrs. L. H. Hastings, Thayer, Kan.

EGGS FORM KELLERSTRASS STRAIN S. C. White Orpingtons: 15 eggs, \$3. Harvey R. Brown, Lock Box 441, Highmore, S. D.

BARRED ROCK COCKERELS; LARGE boned; deep, even barring; from prize winning stock. Mrs. C. B. McCorkie, Albion, Neb.

BARRED ROCK COCKERELS AT \$1.50 each; \$1.25 each in lots of 4 or more. Eggs from selected stock at 40c per dozen, cash with orders. George J. Klein, R. F. D. 2, Box 16, Ellinwood, Kan.

FOSTER'S R. C. R. I. REDS. BEST IN the West. Only Kansas winner at the late Missouri State Show held in Kansas City. Cockerels for sale, score cards by Judge W. A. Lamb furnished the purchaser. Eggs for hatching. Send for price list. Frank H. Foster, Topeka, Kan.

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HOGS.

FOR SALE-POLAND CHINA HERD boar; a good one. L. M. Shives, Iuka, Kan.

FOR SALE—MY POLAND CHINA HERD boar; strictly of the big-type breeding; or will exchange him for an extra good bredgilt. Write for price, description and breeding. Ell. B. Davis, Foss, Okla.

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GOOD WOLF HOUND PUPS FOR SALE. Geo. Vernon, R. 2, Simpsou, Kan.

THREE SCOTCH COLLIES; TWO BRED emales; one stud dog; must sell; come uick. Victor Hargrave, Richmond, Kan.

FOR SALE - FOX, COON AND WOLF hounds; sent on 16 days' trial. Owen Smith, Altamont, Ill.

SCOTCH COLLIES—PUPS AND YOUNG dogs from the best blood in Scotland and America now for sale. All of my brood bitches and stud dogs are registered; well trained and natural workers, Emporia Kennels, Emporia, Kan. W. H. Richard.

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1,000 EU. BOONE CO. SEED CORN from college seed, A. J. Nicholson, Manhattan, Kan,

SEED CORN—BOONE COUNTY WHITE, pure bred, graded, guaranteed. Write for prices on any quantity. J. F. Haynes, Grantville, Kan.

WANTED—CANE SEED, KAFIR CORN, millet, popcorn, clover, timothy, etc. Send samples. Hays Produce Co., 24-26 N. Kansas Ave., Topeka, Kan.

REGENERATED SWEDISH SELECT oats. Heaviest yielding oats in America. Guaranteed free from: smut; 75c per bu, graded, sacked, loaded C. R. I. or Mo. Fac. H. A. Bushby, Rydal, Republic Co., Kansas.

SEED CORN—HIGH TESTING VARIE-ties. Boone County White, White Commer-cial, White and Kansas Sunflower, J. M. McCray, member Kansas Corn Breeders' As-sociation, 901 Moro St., Manhattan, Kan.

SEED OATS FIND READY BUYERS when advertised on this page. They sell for cash in hand, for your price, when you tell here what you have. The cost is low. See top of this page.

PURE BOONE CO. WHITE SEED CORN. Raised on the best Kaw Valley land; tipped, shelled and graded. My corn is extra fine in quality and I will guarantee it. If not satisfied will return your money. Price, shelled, \$1.65 per bu.; ear, \$2. Reference: Shawnee State Bank. J. W. Cochran, Silver Lake, Kan.

MISCELL ANEOUS

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LEATHER, FELT OR VELVET HOUSE slippers, any size, sent postpaid, 56; three pairs for \$1.40. Felt cushion insoles 10c pair; three pairs 25c. Bebber Slipper Factory, 1233 Wells St., Chicago, Ill.

ROSE COMB RHODE ISLAND RED cockerels \$1 each, Order early, Mrs, J. S. Sourk, R. 2, Goff, Kan.

WHITE ORPINGTONS, KELLERSTRASS strain. Eggs \$3 to \$5 per 15 W. E. Deemer, Carthage, Mo.

EVERGREEN POULTRY FARM—CHOICE Barred F. Rocks. Cockerels \$1.50 to \$3 each; hens \$1.50 to \$2.50 each; eggs from yards \$2 per 15; farm range \$5 per 10. E. Leighton, Effingham, Kan.

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FOR SALE—3 PERCHERON STALLIONS registered. George Bevan, Scranton, Kan.

FOR SALE-TWO SPOTTED 3-YEARold sound stallions, 3 spotted mares, also Hampshire hogs. C. W. Weisenbaum, Altamont. Kan.

FOR SALE OR EXCHANGE—GOOD IMported German Coach stallion; guaranteed getter; priced right; want other stock. Address J. G. Smith, Owner, Hamilton, Kan.

Farmer Salesmen Wanted!

Send for our SEED CATALOGUE all kinds of FIELD AND GARDEN SEEDS.

HAYES PRODUCE CO. 524 N. KANSAS AVE, TOPEKA, KAN

Want 50 farmer salesmen to sell to their neighbors the best stave silo on the market. Here is a chance to do some good business before farm work opens. Every Kansas farmer should have a silo. Four hundred built in Kansas last year. Silo users all enthusiastic. For full particulars write

C. C. C. Box 369,

Topeka, Kansas

Bargains in Trego Co. Land

THE WA

I have moved to Topeka and want to dispose of my Trego county land and will give you one of the best bargains in Kansas, 160 acres, 6 miles southwest of Ogala, all good land except 20 acres. Price only \$15 per acre.

160 acres, 8 miles southwest of Wakee ney, 60 acres in cultivation and in wheat, one-fourth goes with farm, every foot good farm land. Frice \$20 per acre: \$1,000 cash, balance easy terms. balance easy terms.

I also have a good list of fine farms in Shawnee, Jefferson and adjoining counties.
Call on or write

R. H. BURNS, 1061/2 West 5th St., Topeka, Kan.

SHETLAND PONIES — WRITE FOR price list, C, R, Clemmons, Waldo, Kan.

REGISTERED SHETLAND PONIES FOR sale. The pure Shetland pony is the child's jony. Correspondence solicited. N. E. Stucker, Ottawa, Kan.

FOR SALE OR TRADE—BLACK JACK with white points; 15 hands high; weight 800 lbs; sound, sure and prompt. Will trade for Black Percheron stallion 2 or 3 years old, draft fillies or large jennets. Price \$500. H. W. Pemberton, Bartlesville, Okla.

FOUR DRAFT STALLIONS, TWO COACH, two good jacks. I have rheumatism and must sell. They are money makers, which I can prove to your satisfaction. Price \$300 to \$600. L. Cox. Concordia. Kan,

STANDARD BRED AND AMERICAN bred Coach stallions for sale; all registered and speed blood of the best breeding. Prices right. E. R. Dorsey & Sons, Girard, Kan.

CATTLE.

RED POLLED BULLS AND HEIFERS; nice ones. H. L. Pellett, Eudora, Kan.

FOR SALE—HOLSTEIN BULLS; TROTting stallion; jacks. Arthur H. Bennett, Topeka, Kan.

A JERSEY BULL CALF, ELIGIBLE TO register. Price \$25. Harry Schmidt, R. 2, Tescott, Kan.

FOR SALE—REGISTERED YEARLING Red Polled bull; good individual. I. W. Poulton, Medora, Kan.

CHOICE BREED HOLSTEINS; SOME just fresh. Come and make your choice or wants. Joshua P. Mast, Scranton, Kan.

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160 a.  $4\frac{1}{2}$  miles good town, 1 mile school, new 8 room house, new barn, new double crib and implement shed, cattle shed, corralls, 100 a. cultivated, 20 a. meadow, 30 a. pasture, 10 a. hog tight, elegant shade and ornamental trees in yard; very homelike place. Price \$9,000.

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I have also forty big imported mares, all in foal, for Sale.

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Yearlings to 6 years
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Five extra fine jacks for sale, one 5 years old, one 4 years old, two 2 year old and one yearling; also three extra fine jennets, Bargains if taken at once,
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Pure Blood Angus Cattle Herd bulls: Japan Ito, Envoy 2d, Evener 2d, Jelt's Hale Lad. 400 in herd, Violet's best blood; can ship on Mo. Pac., Santa Fe or Rock Island. Stock for sale at all times.

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Imported and American Bred Jerseys. Carthage, Mo. PHIL HANNUM, JR., Owner.

I am offering a yearling bull ready for service, out of a five-gallon cow, bred along the same lines as the cow that won at the World's Fair, at a very reasonable price. Write today if you are in need, as I price stock at figures that sell them,

Grade Jerseys bought on commission.

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Bulls old enough for service sired by Beatrice Stockwell, Golden of Spring Hill and Donella's Jewell. Also cows and heifers rich in the blood of St. Lamber, Coomassie, Golden Fern's Lad, etc. Reasonabde prices. S. S. SMITH, Clay Center, Kansas.

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Headed by Ooneri's Eminent by Eminent Rosette, tracing to Golden Lad on sires, and out of the noted cow, Financial Queen. The dam of Coneri's Eminent was the \$1000 cow Ooneri 2d by Gueonon's Golden Lad

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TO MAKE ROOM FOR WINTER I WILL SELL

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Forty head to select from; also a few bull calves, J. B. SMITH.

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Shorthorn cattle, large type Poland China hogs, 10 spring boars and gilts priced right. Write me your wants, I meet parties at trains. We can do busi-ness, Come and see me.

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40 BULLS, 6 to 20 months old, straight Scotch and Scotch Topped-mostly red. Can spare a few females, same breeding.

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Best of breeding and individuality, representing such families as Imp. Bessie 51st, Brawith Buds, Daybreaks and Floras for sale now. The champion buil at the last Mitchell Co State-Wide Fair; a grand good buil; 1 year old; is related to all our cows or he would not be for sale. Write for description and price. MEALL BROS., Cawker City, Kan.

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from 10 to 14 months old. One roan, 9 reds, sired by show bulls and out of show cows. Must be sold to make room. Priced at \$75 to \$125. These are all good. I make steers out of my poor ones, Come at once. They will suit you,

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### 8 - YOUNG SHORTHORN BULLS -8

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by Golden Prince by Gallant Knight at head of herd; a few choice heifers for sale, excel-lent breeding; also Percheron stallion colts, Prices reasonable.

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Two choice Hereford bulls
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Rock Brook Farm offers for quick sale 35
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Young buils for sale, among them Major
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### POLAND CHINAS

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ads my herd of RICHLY BRED FOLAND
INA SOWS. I have a few choice glits
I also sows bred to him for sale. A nice
of fall pigs by Peerless Perfection 2d,
F. J. MILLER, St. John, Kansas,

18 - BRED GILTS - 18

or sale, bred to A. L. Hadley; \$25 to \$40. A. L. ALBRIGHT, Waterville, Kansas

MILLIGAN'S POLANDS. MILLIGAN'S POLANDS.
Some extra good spring boars by Voter
ad Perfect Mischief priced low for short
me. Gilts all reserved for Feb. 22 sale.
W. C. MILLIGAN,
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A few very choice ones sired by the great likes Again and safe in pig to a grandson Grand Look. \$30 each if sold soon. J. B. WHIPPLE, Fall City, Neb.

raner's Great Big Poland Chinas Big and with quality. The big litter sort, w boars left, Bred sow sale Feb. 9. H. C. GRANER, Lancaster, Konsas,

HAVING concluded not to hold a public c, I will offer 25 well bred, growthy its bred to the best and hishest priced gre-type young boars out this year; six ed 2-year-old sows bred to Grand Look. This cross produced my best sellers in y fall sale. If you want the best that ows, come or write. Special prices on a mber in one deal.

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BRED SOWS AND GILTS,
Ten Strike, grand champion at the Oklama State Fair, 1908, heads the herd. Speil prices on a few bred sows and ghts,
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BLUEGRASS VALLEY STOCK FARM. Big boned Foland Chinas. Herd headed the Hadley, King Ex. 3d, Long John the and Misscuri Wonder. Four of the best within boars of the breed; young stock sale at all times; everything guaranteed represented. W. A. Baker, Butler, Mo.

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only registered herd of original spotted and Chinas on earth. Bred sow sale bruary 15, 1911, Ask for catalog. L. FAULKNER, Box K, Jamesport, Mo.

THEY ARE PRICED RIGHT. n Poland China boars for sale at prices \$20 to \$25, with good bone, backs and

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ROSE LAWN POLAND CHINAS, ng Darkness by Meddler 2d, assisted hortgrass Meddler by Meddler 2d head herd of richly bred Poland China sows, w spring glits by On the Spot for sale. MANDERSCHEID, R. 3, St. John, Kan.

BROOD SOW SALE.

oars all sold at present except a few boars.

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Gold Standard by Chief Gold Dust in service. Sows represent the most noted bigtype strains. Choice lot of spring pigs.
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BANNER BOY, Big Hadley's Likeness, Warewell, and son of Defender head our herd. The best is none too good for the Hanner Herd. Fall pigs for sale, \$25 per pair; not related, Herman Gronniger & Sons, Props., Bendena, Kan.

GOLD METAL 43343

By Beil Metal 40388 heads my herd of big type Polands. Breeding stock for sale at all times. Prices right, JOHN C. HALDERMAN, Burchard, Neb.

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175 BIG TYPE POLAND CHINA PIGS.
Both sexes, March and April farrow, sired
by Bell Metal M. 54349 and Success 53651.
Heavy boned and strong. Strictly big type,
Reasonable prices.

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The 1000-lb, boar assisted by Sampson Chief and Big Victor 2d head my herd of high class, big, smooth Poland Chinas. A few choice bred sows and gilts for sale, Write your wants now.

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A. & P. SCHMITZ, Alma, Kansas.

SPRING MALES AND GILTS.

Now is the time to buy your breeding stock while the best is yet unsold. My pigs are strong and thrifty; are well bred and have been fed with an eye to future usefulness. Write me now. Address

C. H. TILLQUIST, Osborne, Kansas,

W. F. HOUX, JR.

Breeder of Shorthorn cattle and Poland China hogs. Cattle herd headed by King Challenger 312040, sire Whitehall King 222724, dam Lady Zenda 3d; grand sire, Whitehall Sultan 163573. Hog herd headed by Wonderlook 65255, sired by Grand Look No. 125703, dam No Wonder; Spotted Chief 56692, sired by Missouri Sunflower 49513, dam Queen Quality 11304. Watch for bred sow sale date in February. Address W. F. HOUX, JR., Hale, Missouri.

# THE STRAY LIST

Greeley County—Guy G. Adams, Co. Clerk. TAKEN UP—By Charles Weigand, Tribune, Kan., one brown mare 1 year old; g. few white hairs in forehead.

August, central Kansas, dark iron gray gelding, 800 lbs., no marks; September, northwest Kansas, small bay horse, 3 years; June, southwest Kansas, roan mare mule, 7 years, 850 lbs., left ear split, halter, on; October, northwest Kansas, dark dun mare, 1200 lbs., 15 years bobbed tail blazed face; February, central Kansas, black Galloway steer, 2 years, wineglass brand right hip; August, central Kansas, red cow, dehorned, 2-inch white heart in forehead, white spot kansas, red steer, coming 2 years, some white marks. Other animals unclaimed past year. Stray Bureau, 125 East 10th, Topeka, Kan. Topeka, Kan.

## POLAND CHINAS

## WALBRIDGE POLANDS Quality

L. C. Walbridge, Russell, Kansas

DEER PARK STOCK FARM. Richly bred Poland Chinas headed by the great Impudence E. L. and Noble Chief by Nobleman. Choice lot of spring pigs for sale by Impudence E. L. and Dawley's S. P. Perfection.

D. A. WOLFERSPERGER, Council Grove, Kansas.

#### POLAND CHINA HOGS.

Mastodon Poland China hogs, the bigboned type that will weigh when mature 800 to 1,000 pounds. Mastodon Price leads this herd. Mastodon Price sired by A Wonder 107356. a hog weighing in full flesh 1,200 pounds. If you want the right kind, they are at Quality Ridge Farm. A number of bred gilts for saie; all choice individuals. Phone me at Dearborn, Mo. Railroad station Newmarket, Mo. CLARENCE DEAN, R. 1, Weston, Missouri,

### POLAND CHINAS

#### POLAND CHINAS WITH SIZE.

Some very choice fall pigs weighing from 100 to 125 pounds, sired by Pawnee Look, the best boar Looks Grand ever sired. The hog that suits the big type breeder and farmer. My motto: "More hog and less hot sir." F. F. Oerly, Oregon, Mo.

#### PRAIRIE VIEW HERD.

Hamilton, Missouri,
Breeder of Big Type Foland China Hogs
and Buff Orpington chickens, Address F. E. MULLER, R. 4, Hamilton, Missouri.

#### BIG POLAND CHINA HOGS.

Limestone Farm Herd, Clarksville, Mo., M. Gottswiller, Prop., breeder of big Poland Hogs. Shropshire sheep, Buff Orpingtons and Single Comb Brown Leghorn chickens, Fekin and Indian Runner ducks and Chinese geese. Breeding stock for sale,

### STRYKER BROS.' HERD POLAND CHINAS.

The greatest show and breeding herd in the West. Write your wants and they will please you. Buy the best and make the most. They breed the kind that win; the kind that you want. Address STRYKER BROS., Fredonia, Kan.

### **DUROC JERSEYS**

### DUROC JERSEYS

RIVER BEND HERD DUBOCS.

Headed by Fitch's Kant by Kant Be Beat and out of a son by Ohio Chief, one of the best individuals and breeders in the state. Let me know your wants.

W. T. FITCH, Minneapolis, Kansas.

#### DUROCS RICH IN COL. BLOOD

Headed by G. C.'s Kansas Col., mated with the greatest line of sows ever owned by one Kansas breeder. Stock for sale at all times. Bred sow sale Feb. 14.

CHAPIN & NORDSTROM, Green, Kansas,

SPRING BOARS AND GILTS.

Best of breeding and top quality. Some early spring boars—good, strong, growthy fellows—will be priced right. By such boars as Agra Top Notcher, Paul Jumbo, Bonney K. and I Am a Bonney K.; also gilts of equal breeding, quality and size, priced right. Address

W. C. WHITNEY, Agra, Kansas.

SPRINGBANK DUROC JERSEYS.
Headed by W. H.'s Col., first prize junior yearling boar Hutchinson State Fair, 1908, assisted by Chief Orion, third prize aged

boar,
Sow Sale—Ten tried gows by Chief Orion bred to W. H.'s Col. Come and see them.

W. H. WILLIAMSON,
Raymond, Kansas.

R. & S. FARM 150 Spring Pigs, sired by King of Kant Be Beat No. 38333, and Golden Ruler No. 80555. Write your wants, Bred sow sale Feb. 3, 1911.

RINEHART & SON, Smith Center, Kansa

WOODLAWN DUROC JERSEYS. Headed by Woodlawn Prince 53343. Sows of Ohio Chief, Orion, Topnotcher and other good families. Choice yearing gilts for sale, bred for March and April farrow. Also a few open gilts. ROY H. OTT & BRO., Concordia, Kan.

DUROC FALL PIGS, EITHER SEX. Fairs, not related, for sale reasonable, Ered sow sale January 24. Write at once for catalog,

FRANK VRTISKE, Pawnee City, Neb.

HOTEL GREENWOOD HERD.

Headed by Stith's Commadora by Top Commadora, Bred sows and glits for sale; 200 head in herd. A cholce lot of fall boars and gilts, CHAS, STITH, 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, Kansas.

CEDAR LAWN HERD.

Twenty boars for sale by Long Wonder 21867 and Lincoln Chief 91913, a son of Chief Tatarrax. Will also offer some spring gilts at reasonable prices by such dams as Josie Surprise, Bessle Advance, Froud Queen by Ohlo Chief,
F. M. BUCHHEIM, Lecompton, Kansas.

CHOICE DUROC BOARS, FOR SALE. Good individual descendants of Orion, Valley Chief, Farmer Burns, etc. Reasonable

O. A. THLER, Pawnee City, Nebraska. ANDERSON HIGH CLASS DUROCS.

Choice lot of fall pigs of the best of breeding for sale at very reasonable prices. For low prices on good stock, address

C. O. ANDERSON, Manhattan, Kansas.

40-DUROC GILTS-40

All sired by Helen's Wonder (a son of Red Wonder and Helen Blazes 21st( and S. D.'s Inventor (a son of Inventor). Many of these gilts are out of May Boy sows. They are bred for early March and April farrow to one of the above mentioned boars or Crivnson Model, a fancy son of Nebraska Wonder. They combine quality and scale and will please. Wonder, They and will please, STODDER, Burden, Cowley County, Kansas.

JEWELL COUNTY HERD.

Headed by Bonney K. 74075, all prominent blood lines represented. Sow sale Feb. 1, 1911.

W. E. MONASMITH, Formosa, Kansas.

SAMUELSON BROS.' DUROCS.

Fifty spring boars for sale, the pick of 200 head of spring pigs, sired by 10 different sires; good, growthy fellows; heavy bone; the best of color; good quality. We can suit you in blood lines and quality. Our price right. Come and see or write us. Samuelson Bros., Cleburne, Kan.

### Greenwood Herd Durocs

FOR SALE—Choice lot tried sows and gilts, sired by Dandy Duke and Tatarrax Model, bred to Model Duroo, Greenwood Chief and Chief Orion. All guaranteed; priced \$30 to \$50. If you want good hogs

R. D. MARTIN & SONS, Eureka, Kansas.

BRED SOW SALE MARCH 8,
12 tried sows and 38 choice glits to sellSend for catalog.
L. C. WOOLEN & SON,
Breeders of Thoroughbred Duroc Jersey
Hogs, Stanberry, Mo

OHIO HERD OF MULK-FOOTED HOGS.

Stock of all ages for sale, sired by five big prize-winning boars and out of big matured and prolific sows, the equal of any breed. I have the largest herd in the land of this vigorous and healthy breed. JOHN H. DUNLAP, Box P, Williamsport, Ohio.

# OHIO IMPROVED CHESTERS

### **MOSSE OF KANSAS**

Kansas Herd of Improved Chester Whites. Grand Champion Sow Kansas State Fair. ARTHUR MOSSE,

R. D. 5, Leavenworth, Kansas.

### MAPLE LEAF O. I. C's.

The best blood lines represented in this herd. When in need of quality write.

R. W. GAGE.

R. D. 5, Garnett, Kansas.

### BERKSHIRES

LARGE ENGLISH BERKSHIRES

Breeding Stock for Sale. H. U. McCURDY & CO., Hutchinson, Kansas.

40—BOARS AND GILTS—40
Hera boar, Forest Supreme by King Forest, dam by Lord Lee. For sale, 20 spring: boars and 20 spring gilts, good ones. Price \$20 for choice. Write at once.

MANWARING BROS.,
Lawrence, Kansas.

FIELD NOTES.

Knight Made Fair Sale.

Charles D. Knight's dispersion Shorthorn sale held at Oketo, Kan., January 18, was well attended by farmers, with a few breeders present. The offering was a good one and presented in good condition. Prices received were rather low considering the quality of cattle. Edgar Shoebotham of Fairbury, Neb., topped the females at \$110, huying No. 20, a very choice heifer sired by Kansas Boy. The top of the bull sale was the herd bull, Baby Conqueror, purchased by S. A. Kinney, Wymore, Neb., for \$115, Twenty-three females averaged \$74.45; 9 bulls averaged \$75.79; 32 head averaged \$74.85. Policying is a list of buyers:

1.	S. A. Kinney, Wymore, Neb	115.00
4.	U. G. Chapman, Wymore	81.CO
5.	M. Pike, Oketo, Kan	73.00
6.	G. F. Hart, Summerfield	75.00
7.	Henry Schmidt, Wymore,	87.00
8.	D. P. Knight, Marysville	78.00
9.	John O'Connell	80.00
10.	S. A. Kinney	97.50
11.	D D Walaht	100.00
	D. P. Knight,	
14.	D. Rieman, Barnston, Neb	85.00
15.	Frank Cortal, Odell, Neb	75.00
17.	R. C. Graham, Beattle, Kan	85.00
19.	S. A. Kinney	103.00
20.	Edgar Shoebotham	110.00
24.	John F. Gedes, Wymore	81.00
25.	J. M. Nielson, Marysville, Kan	75.00
29.	Thompson & Graham, Beattle	74.00
30.	R, H, Gyse, Marysville	70.00
81.	W W Debests Deserted	
	W. H. Roberts, Barnston	76.CO
82.	J. H. O'Connell	93,00

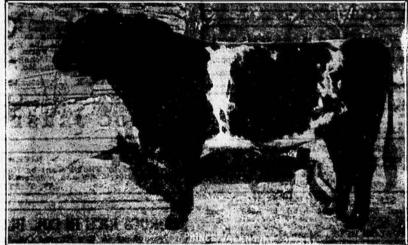
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# Pelphrey Bros. Short Horn Sale Humboldt, Kansas, February 13, 1911

WE WILL SELL OUR ENTIRE HERD OF SCOTCH SHORT HORNS INCLUDING OUR GREAT HERD BULL PRINCE VALENTINE BY PRINCE POVONIA

50 head of choice young cows and heifers. All have calves at foot or bred to drop calves in early spring. We are selling these cattle on account of changing location. They are all in fine condition and are sure money makers. We give a partial list:

Lady Archer by George Archer, Princess Charming by Prince Pavonia, Cream Pie by Ingle Lad, Princess May by Prince Imperial 2d, Crocus by Waverly out of Crocus by Golden Crown, Princess Agatha by Prince Pavonia, Ingle's Brises by Ingle Lad, Beauty by Idlewild Baron, one roan helfer by Maron Marr, one young bull by Searchlight, two good



PRINCE VALENTINE.

cows bred to Searchlight. Many of the cows are bred to Prince Valentine. The cows and heifers are from the best herds in Kansas such as S. C. Hanna, H. M. Hill, C. S. Nevius, H. E. Hayes and other good breeding herds. We are selling all our cattle and want farmers and breeders to come to our sale. We have a clean lot of well bred cattle and they will make money for any one who will take care of them.

Send for catalog and come to sale. Remember the date, February 13, 1911. Sale will be held in heated sale pavilion in town. For catalog, write

# H. F. Pelphrey & Son OR J. W. Pelphrey & Son

HUMBOLDT, KANSAS

CHANUTE, KANSAS

Auctioneers-R. L. HARRIMAN, JAS. W. SPARKS

# Duroc Jersey Bred Sow Sale

At Lecompton, Kansas, February 13, 1911

40 head of Choice Durce sows and large growthy gilts, 10 tried sows, 30 spring gilts, all bred for March and April farrow to Lincoln Chief, a son of Chief Tatarrax and Cedar Long Wonder by Long Wonder. I am selling 10 head of my very best brood sows and the 30 spring gilts are the pick from my herd as follows: 1 by Bell's Top Model, 1 by Col. S., 1 by B. F. S. Ohio Chief, 1 by W. L. A.'s Choice Goods, 1 by Lincoln Top, 1 by Missouri Wonder, 1 by Neosho's Red Chief, 1 by Surprise 3d, 1 by D. Kant Be Beat, 1 by G. M. S. Col., 9 Long Wonder gilts, 5 Lincoln Chief gilts, and other good breeding. Send for catalog and arrange to attend my sale. All trains met at Lecompton, Kan., and free conveyance to farm. We guarantee a good clean offering. If you cannot come send bids to O. W. Devine, who will represent Kansas Farmer at my sale.

# F. M. BUCHHEIM

LECOMPTON. KANSAS

F. J. ZAUN, Auctioneer, Independence, Missouri

# Miller @ Manderscheid Poland China Sale



More size, more rich breeding than we ever sold.

Such sows as On's Day Dream, Miss Keep On, Miss Daisy by Meddler, Miss On by On and On, 2 Roll in Line sows—Impudence dam, 7 Prince Meddler gilts, 4 gilts out of Edge Lady by Spellbinder, 1 Meddler gilt, 2 Peerless Perfection sows bred to King Darkness, 2 Ideal Keep On gilts. Most all will be bred to King Darkness. 1 Impudence sow, 2 Prince Meddler gilts out of a Chief Keep On dam, 2 Prince Meddler gilts out of Peerless Perfection dam, 5 gilts by On the Spot, 3 by Roll in Line, 1 sow by Meddler 2d, 1 tried sow by On the Spot, 1 choice gilt by King Blain and several other good sows. We are selling some of our best sows and gilts that are considered by breeders and field men who are familiar with them as probably the best collection of sows and gilts of strictly fancy type ever put through a sale ring in this part of the country. We are selling the very best we have and we are not selling them for any fault but to reduce our herds. Our catalog is now ready to mail out. Get your name on our list. Don't wait to receive it but write today for it. Kindly mention Kansas Farmer when you write. Remember the date, February 18, and come to our sale. We guarantee a good offering. Send bids to auctioneers or O. W. Devine, representing Kansas Farmer, who will treat you right. We prefer you to come and be with us. For catalogs address

MILLER @ MANDERSCHEID



# SMITH & SONS

# Annual Bred Sow Sale

The Big Useful Kind at Superior, Neb.

Thursday, February 9th 50--HEAD--50

Offering will consist of 5 tried sows, 8 fall yearlings and 37 large, growthy spring gilts of the Smith kind. The offering will be sired by Smith's Big Hadley and Jumbo Jr. about equally, 2 by Medium and 3 by Big Quality. Are bred to Smith's Big Hadley, Jumbo Jr. and Big Sam, our new herd boar from the herd of Thos. Shattuck and one he says is one of the very best he ever raised. Sows and gilts have had the run of the farm and have been fed with an eye to future usefulness. Our own sows have run with our sale hogs. The offering is chuck full of size and quality. It would be a pleasure to us to have you come sale day and look them over. We will risk your verdict. aCtalogs are ready. If unable to attend send bids to R. G. Sollenbarger in our care. Will also sell 3 yearling Shorthorn bulls which are good ones.

JOHN BRENNEN, AUCTIONEER.

Attend T. J. Charles' sale day before at Republic, Kan.

# **Albert Smith & Sons**

SUPERIOR, NEBRASKA

# 125 Registered Holstein Friesians at Auction at South Omaha, Neb. Tuesday and Wednesday, Feb. 7-8, 1911

25 BULLS from 1 month to 2 years old, including grandsons of Hengerveld De Kol, King Segisand and other great bulls, and 10 sons of King Hengerveld, the only son of Hengerveld De Kol, out of a dam with a record of better than 31 pounds.

50 COWS from 4 to 8 years old, all bred to good bulls and a lot of them with big A. R. O. records, or just fresh with large square udders, and the kind that milk the year round.

35 HEIFERS 1 to 4 years old, mostly bred to calve in the spring and summer.

15 HEIFER CALVES all sired by good bulls, and out of heavy milking dams.

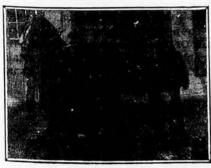
In all, positively the best bred lot of Holstein cattle ever sold at auction in the central west. Every animal over 6 months old is tuberculin tested. Catalogue will be sent only on application, to

ROCK BROOK FARM, Sta. B, Cmaha, Neb.

# Percheron Stallions and Mares

We will sell at public auction at

GARNETT, KAN., FEB., 9,



Six imported and home bred stallions weighing from 1,700 to 1,900 pounds, three good mares, one span shown in cut, 3 and 4 years old, both in foal, all registered in Percheron Society of America, one registered Kentucky bred jack. Come to our sale and buy some of these good horses.

# CROWDEN BROS,, GARNETT, KAN.

AUCTIONEERS-R. L. HARRIMAN, B. F. JOHNSON, J. B. RUDDISIL.

# 7th Annual Sale Poland Chinas

**Valley Point Stock Farm** 

TUDOR J. CHARLES

2 Miles West of Republic City, Kansas Wednesday, February 8th

Offering will consist of 3 tried sows by Expansion, Expansion See and Eureka, 27 fall gilts are by Eureka, Mammoth Hadley and Bill Expansion, 10 spring gilts by Hadley Leader, he by Smith's Big Hadley, and 4 summer boars by Hadley Leader and Eureka out of Expansion and Smith's Big Hadley bred sows. The sows and gilts are bred to Hadley Leader and Monarch by Eureka. The offering is not loaded with fat but are in condition to do the buyers good. They have been handled and fed with that point in view. Will also offer 2 yearling Shorthorn bulls, one of which is exceptionally good, both red. If unable to attend send for catalog, which is ready, and mail your bids to R. G. Sollenbarger in my care.

JOHN BRENNEN, AUCTIONEER,

# **Tudor J. Charles**

REPUBLIC, KANSAS

# FRANK IAMS

new importation of draft stallions and mares arrived October 23, 1910, by "lams' own special train" of "8 express cars." They are "business propositions," that "jar the cherries" on a "wide-awake" "horseman's hat." lams' "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. lams makes buyers

# "SIT UP AND TAKE NOTICE"

"lkey Boys," get into lams' "money-saving game." Buy a stallion and mare today—save \$300.00. lams "tickles" buyers with "Rippers" at "Let Live Prices." Owing to bad crops, panic—Iams' cash, his 29 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

# 160---PERCHERONS AND BELGIANS--- 160



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 (few 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 of dollars to stallion buyers. He is not in the stallion trust. Iams places \$1,500 insurance.

# \$1,000 \*AYED AT \$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. "lams 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 Catalog.

REFERENCES:—ST. PAUL STATE BANK AND CITIZENS' NATIONAL BANK, ST. PAUL, NEB.; FIRST NATIONAL BANK AND OMAHA NATIONAL BANK, OMAHA, NEB.

ST. PAUL, NEBRASKA

Januar

W

# LAMER IMPORTER

50 head of imported Percheron and Belgian Stallions and Mares for sale at "Let Live Prices." Write for catalog. Prices right.

C. W. LAMER,

SALINA, KANSAS

IMPORTERS AND BREEDERS.

# **Percherons, Shires and Belgians**

75-HEAD MARES AND STALLIONS-75

We won more prizes at Kansas State Fair than any one exhibitor, which proves the quality of our horses. Just one word with you, Mr. Buyer: Ifyou will come and inspect our horses and if you don't say that we have as good a bunch as you ever inspected, and our prices the lowest, considering quality, we will be glad to pay your expenses. Write or come and see us before buying elsewhere, for we will save you money

L. R. WILEY & SONS ELMDALE, CHASE CO., KANSAS.



# PERCHERON MARES

Weanlings to 4 years old in matched teams, including the Kansas State Fair and American Royal champions, all registered or can be registered in Percheron Society of America. Good clean lot of heavy bone mares and bred to the champion stallion of Kansas State Fair at Hutchinson, 1910, Come and see me.

F. D. WEBB, Sterling, Kan.

# The Big Combination POLAND CHINA BRED

SOW SALE of the SEASON

Valley Falls, Kan., Tuesday, February 7

W. E. Long consigns 25 head consisting of 7 tried sows, 9 fall yearlings and 9 spring gilts. All selected with care and all good individuals. dividuals. Including the great sow, Minnie K., and six of her daughters. Few breeders would have the courage to part with a sow like this but she goes in as an attraction. Blue Valley Girl and Maud Hadley are close seconds. The fall gilts are daughters of the 1,000 lb. Peter Mouw boar, Big Chief. The spring gilts are practically all by the great boar, Long's Mogul and out of such big sows as we have already mentioned. Bred for March and April farrow to Long's Mogul and my great young boar, King Mastodon 2d. Sired by King Mastodon by Demonstrator. His dam, Lady Mastodon 96th, one of the very best daughters of perhaps the largest living Poland China boar, A. Wonder.

J. M. Ross is changing locations which makes it necessary to disperse his entire herd so the 25 he puts in includes all of his great old sows, the two herd boars, 8 choice fall yearlings and 5 spring gilts. Among the brood sows are several that would not be for sale at any price under different conditions, among them two daughters of Look Grand, Minnie Price by old Price We Know, Gertie by Bell Metal, etc.. All excellent individuals and bred for March and April farrow to the boars, Ross's Hadley by Big Hadley and Western Expansion by Expansion's Sex. The gilts are by the Hadley boar and it is doubtful if there will be a bet-ter or more uniform bunch sold this winter.

### 50 Head of First Class Strictly Big Type Sows and Gilts That are Sure to Please

They are representatives of the families that have made good in the past, the blood lines are about right and they have been fed and handled properly for the best results. Write for catalog early, to either

J. M. ROSS,

W. E. LONG

Ozawkie, Kap. Valley Falls, Kan.

AUCTIONEERS-J. W. SPARKS, JOHN DAUM. FIELDMAN-JESSE JOHNSON, to whom bids may be sent.

#### AVONDALE STUD FARM--CLYDESDALES

LARGEST IMPORTER AND BREEDER OF CLYDESDALES IN U. S.

Our winnings at the State Fair, including the Grand Champion Stallion of the International, 1916, is our best advertisement. Those wanting stallions or mares should write for catalog or visit the farm. To make room for other importations in February, we will make a special discount for next 20 days. We are 10 miles west of Peorla on the C., R. I. & P. Ry.

# LAKEWOOD FARM

The Greatest Breeding Establishment in the World

Our Percheron winnings at the recent Chicago International, which is conceded to have been the greatest Percheron Show ever held in the world, has never been equalled before.

At this great show, we won:

CHAMPION STALLION, showing four of his get (CALYPSO) CHAMPION AMERICAN BRED STALLION RESERVE CHAMPION AMERICAN BRED STALLION CHAMPION MARE

CHAMPION AMERICAN BRED MARE

Also TWENTY-FIVE other prizes. All of these CHAMPIONS were sired by the world's famous CALYPSO.

LAKEWOOD FARM IS HEADQUARTERS FOR THE BEST, and our prices are reasonable. Send for illustrated catalog.

H. G. McMILLAN & SONS, Props.

Rock Rapids, Iowa

# HOMEWOOD STOCK FARM

### Percheron Belgian Shire Stallions and Mares

NOTICE TO PROSPECTIVE BUYERS:

For the benefit and convenience of our Western trade, we have established a permanent branch barn at Abliene. Prospective buyers are cordially invited to inspect our stock here, and if you don't find just what you are looking for, we will be pleased to accompany you to the home barn at Homewood, Ill., where we can show you 100 head of big, drafty Stallions and Mares with plenty of bone and quality. Every horse guaranteed sound and a satisfactory breeder. Prospective buyers should see this stock before buying elsewhere. Third importation to arrive in ten days. Write us your wants, or better still, come and see us. Abliene is on the Rock Island, Santa Fe and U. P. rallreads. Mention Kansas Farmer when writing.

Barns 2 Blocks North U. P. Depot. S. METZ & SONS ABILENE, KANSAS

## PERCHERON IMPORTING CO. AT THE FOUR BEST SHOWS IN THE

12 times champion stallion any age,
6 times champion group of five stallions, 29 times first in stallion classes.
Champion Percheron stallion at Inter-State Fairs,
Champion Shire Kansas and Missouri State and Missouri State Fair.
Champion Belgian Kansas, Missouri and American Royal.
All our horses are imported. We sell as low as anyone on earth, quality considered. Our guarantee and insurance are the best.

PERCHERON IMPORTING CO., South St. Joseph, Mo.



### W. H. RICHARDS, Importer

PERCHERON AND BELGIAN HORSES.

A car load of extra good 2- year-old and 3-year-old stal-llons recently arrived. Come and see these magnificent horses before you buy a stallion, I will make you some eye-opener prices just now. Barns only four blocks from A., T. & S. F depot.

EMPORIA, KAN. EASY TO GET THERE.

### VALLEY SPRINGS PERCHERONS

IMPORTED AND HOME-BRED STALLIONS AND MARES. The big, rugged kind, with heavy bones, fine style and good action. No better blood lines in America. Black Kentucky Jacks and Jennets, with

size and quality.
O. P. HENDERSHOT,

Hebron, Neb.

# C. S. NEVIUS

# February 11,

50 head of the Designer and Major Look kind. 30 yearling and tried sows by Designer, Major Look, McDarst, Columbia Expansion. 20 spring gilts by same sire. A choice lot of sows bred to Designer, Major Look. Good Metal, Big Hadley's Model, and Orphan D. for early litters. This will be the best lot I ever sold at public auction. Send for my catalog and come to my sale. Bids sent to O. W. Devine representing Kansas Farmer will be carefully handled.

AUCTIONEERS-COLS. R. L. HARRIMAN, JOHN D. SNYDER, H. HOHENSTEIN.

C. S. NEV

George M. Hull, at Garnett, Kan., sells Feb. 10, day before my sale.

# Dispersion Sale of High Grade Poland Chinas

The Event of the Season. 150 Head, Which Include Our Famous Herd Boar Parnell and Sixty Noted Brood Sows. Everything Goes.

On account of selling our farm, we must give possession March 1st, 1911, consequently we will offer our entire herd at public auction

# TUESDAY, FEB. 7th, 1911, AT ELDON, MISSOURI

This will be the opportunity of a lifetime to get foundation stock from one of the world's greatest herds of Poland Chinas, the offspring of the most noted sows of the breed gathered together at an immense outlay of money, time and care. We will offer 4 daughters of the famous Cute's Keep On, all wonderful individuals and producers, 2 beautiful daughters of the \$1,700 Princess Goffey, the dam of the great Home Run, besides sows and gilts by all the leading sires of the day.

We cordially invite your presence and know that we can supply your needs whether you wish herd boars, bred sows or gilts. We will sell 100 head of fall and summer gilts and boars. This is the place to make money. Drop a card for catalog.

F. OVIATT, SALE MANAGER. AUCTIONEERS-COL. H. O. CORRELL, COL. LAFE BURGER. O. W. Devine represents this paper. Bids sent to him will be handled with care.

H. B. VANHOOSER, Prop Eldon, Missouri



# **NE WANT YOU to COME to LINCOLN**

# WILL NOT DISAPPOINT YOU

We have the largest and best equipped importing establishment in America. We have been importing horses for more than 30 years. We have imported the largest, strongest, and best bred

# Percherons, Shires and Belgians Europe Could Produce



Mr. Watson, who has twice judged the horses at the Chicago International, personally selects every horse we ship from Europe. He buys all of our horses from the six oldest and largest breeding firms across the water-firms which have been breeding the great show ring winners of Europe for more than 200 years.

We stand back of our horses.

Every horse we sell is guaranteed with a guarantee that is a guarantee, backed by \$300,000 capiital and 30 years' good faith. We want you to come to Lincoln and visit our big offering.

We ship horses from Europe in such large numbers that we can afford to sell them at a small profit, in fact dealers who handle only 20 to 30 stallions and mares can buy them cheaper of us than they can

Come to Lincoln and be convinced. We can save you hundreds of dollars on any animal you select from our barns.

Wire us that you will start in the morning. If you can't come at once, send for our big illustrated catalog. It will help you to decide.

Watson, Woods Bros. & Kelly Co.,

Dept 1, LINCOLN, NEB.



# **DUNHAMS' PERCHER**

For forty-six years renowned as the best of the breed. Six large importations since February 1, 1910 (the last arrived October 12th), insure fine selection, as each animal was individually selected for size, bone quality and excellence. If you want choice stallions or mares, write for cata-logue, illustrated from life.

W. S., J. B. & B. DUNHAM WAYNE, ILL.

# Riverside Stock Farm Importer and Breeder

FOR SALE-12 head of registered Percheron stallions from 2 to 5 years old, 8 head of registered mares and fillies; the good bone kind; also two large standard bred stallions; also a few good big jacks. All this stock will be closed out at a low price and must be sold before March 1st, All pedigrees and breeding guaranteed. Come, and see them and get your choice.

O. L. Thisler,

Chapman, Kansas

# Percheron Stallions

I have as fine a bunch of stallions as you will find. I have the ton size, and 1,700 to 1,800 pound two year olds, with worlds of bone and great action. My prices are right and my horses are right.

Yours for home grown Percherons,

#### J. W. BARNHART, Butler, Mo.

PERCHERON HORSES, HOLSTEIN-FRIE-SIAN CATTLE, Up-to-date Poland China hogs. Write your wants.

H. N. HOLDEMAN, Meade, Kansas,



# Percherons Belgians

Also Shetland Ponies. Will have a good importation of stal-

lions of the breeds mentioned Jan. 1. Now offering special bargains in mares to make room. Call on or write Joseph M. Nolan, Paola, Kan., 40 miles south of K. C. Please mention the Kansas Farmer.



# ROBISON'S **PERCHERONS**

For sale now, 100 head of stallions, mares and colts, of all ages. All stock recorded in Percheron Society of

ADDRESS BOX C. J. C. ROBISON, Towanda, Kan. When writing advertisers please mention Kansas Farmer.

The Kansas Public Sale Company SOLICIT ENTRIES OF PURE-BRED AND GRADE DRAFT HORSES, JACKS AND MULES FOR A COMBINATION SALE TO BE HELD AT TOPEKA, KANSAS, FEBRUARY 23-24, 1911

Sales will be held in the large new barn holding 536 head of stock at the Fair Grounds, assuring comfort, regardless of weather. If you have one or any number of head to sell, give us your entries early and get the benefit of advertising. All stock catalogued. Terms reasonable as can be made. Entries close February 7. We will hold a sale of Standard-bred road, and light work horses in order. Get them ready. For entry blanks and further information address. For entry blanks and further information address,

Topoka. Kansas

O. P. UPDEGRAFF, Manager

# BOWSER'S

Big Type Poland China Bred

# SOW SALE

At Farm 8 Miles North of Abeline, Kansas Friday, February 10, 1911

12 Tried Sows 2 Fall Yearlings 35 Spring Gilts

50 head of the type that the best breeders and successful feeders are looking for. Bred for March and April farrow to Bell Metal M. by Bell Metal and Hadley Wonder by Knox All Hadley, a pair of as good big type boars as can be found in any one herd in Kansas. Both have a long line of big ancestors and were selected out of the best herds in the west. The sows that go in are sows that have made good in my herd and are still young. They combine size and smoothness. Among them are daughters of Prince by Stylish Perfection, Success by Grand Success by Grand Chief 41771. The gilts are the tops from a large number raised the past season. They were sired by the boars Success and Bell Metal M. Several out of the good sow, Mabel by Osborne's Perfection. I am feeding them as they should be fed and will show you a good, useful offering sale day. Free transportation to farm from Abilene and Talmage. Free entertainment at either place. Catalogs ready. Write for one. AUCTIONEERS-W. C. CURPHEY, H. R. LITTLE. FIELDMAN-JESSE JOHNSON. Send any bide to him.

E. BOWSER

ABILENE, KANSAS

# TILLER'S

Great Duroc
Jersey Bred
SOWS

# At AUCTION

In Pawnee City, Neb., Wed., Feb. 8, 1911

# **35 HEAD**

### 4 Tried Sows! 14 Fall Yearlings! 17 Spring Gilts!

All bred for last of February, March and April farrow to my herd boars, Tom Davis 42009, Chief's Valley by Valley Chief, and Prince Wonder Col. by Ohio Col., winner of first and championship at Kansas State Fair this year. As attractions I am including the great sow, Elleree, winner of first at Nebraska and Iowa State Fairs and third at St. Louis world's Fair in 1904. She is in pig and will produce another great litter by Tom Davis. Grandview Bell by Crimson Dandy is another great sow, closely related on dam's side to old Ohio Chief. Choice Girl by Bell's Chief 4th he by Bell's Chief, dam by W. L. A.'s Choice Goods, and Crimson Bell by Crimson Monarch, dam by Morrison's Bell Top, a son of Nebraska Bell. The gilts are a very choice lot out of such great sows as we are mentioning and sired by such boars as Tom Davis, Crimson Monarch, etc. I have always bought good ones and tried to select the blood lines that seemed to be giving the best results. I think the offering is a good one and every breeder and farmer in the west are invited. Catalogs are ready for distribution and will be sent upon request, and if you see something that interests you and can't be present send a bid to Jesse Johnson in my care.

AUCTIONEERS-L. W. LEONARD AND SONS.

Pawnee City, Nebraska

Graner's

# Samuelson Bros. Annual Duroc Jersey **Bred Sow**

Cleburne, Kans., Thurs., Feb. 9, 1911 54 HEAD

#### 10 Tried Sows

- 18 sired by Rollin J.
- 16 by White House King.
- 3 by Bell's Chief 2d.
- 3 by Bold Boy. 2 by G. C.'s Col. 2 by T. B.'s Chief.

#### 44 Spring Gilts

- 2 by Rose Top Notcher.
  1 by E.'s Tip Top Notcher.
  1 by Model Chief Again.
- by Choice Goods' I Am.

- 1 by You Bet.
  1 by Blue Valley Boy.
  1 by Lincoln Top.

#### Bred for Early Farrow to

Bred for early farrow to White House King, Bell's Chief 2d, Shepherd's 1910 Top, Duroc Col., Timber City Col., New Model.
40 due to farrow in March, 14 due to farrow in April.

This is our annual bred sow sale and the best offering we have ever been able to put up for public approval. The tried sows are all good in-dividuals. They have made us money and are not being sold for any We are willing to divide the good ones with our customers. Very prolific the past season. We raised 123 pigs from 157 farrowed out of 14 sows. Among the gilts are several of outstanding individuality and not a bad one in the entire offering. Write for catalog and plan to attend this sale.

Free transportation from Cleburne and Olsburg to our farm. Send bids to Jesse Johnson or Leon Carter in our care at Cleburne. AUCTIONEERS-L. R. BRADY, JAS. T. McCULLOCH.

# Strictly Big Type Poland

# China Bred Sow Sale

At Farm Two Miles From Town

# Thursday, February 9

In heated pavilion where every one will be made comfortable. 50 head in all consisting of 9 tried sows, 3 fall yearlings, 29 selected

spring gilts and 9 choice August boars. Sows and gilts bred for March and April farrow to my herd boars, Guy's Monarch 51415, Collossus Boy 56709, Col. Thomas 57055, and Kan-

sas Victor 57053.

TRIED SOWS—include Prima Bell by Bell Metal, one of the very best sows in Kansas which we are putting in believing that she will be appreciated, Miss Josephine 2d by Neb. King, Lady Blain 3d, and others that have been and are still the very best things in the herd.

GILTS are partly of my own raising, a big per cent of them by the great Guy's Monarch, and many that I selected at sales held by the very best breakers in Kenses and Nebrocker latt fell gilt by Guy's

best breeders in Kansas and Nebraska last fall. A fall gilt by Guy's Monarch and out of a First Quality dam is I believe the best fall gilt I ever saw put into a sale. Among the spring gilts are a pair sired by Collossus and out of the great sow, Prima Bell. The young boars include a litter of five farrowed in August sired by Guy's Monarch and out of the 700 pound Prima Dona.

I believe this offering contains as much good blood and as many outstanding individuals as will be seen in any one sale this year. Every hog man in Kansas and adjoining states invited. Write for catalog and if unable to attend send sealed buying instructions to Jesse Johnson in

AUCTIONEERS-JAS. W. SPARKS, JOHN DAUM, HOHENSTEIN

Lancaster, Kansas

# IORTHERN KANSAS DUROC SALE CIRCUIT

# WARD BROS. ANNUAL BRED SOW SALE OF ROYAL BRED SOWS AND GILTS

Republic, Kas., Tuesday, Jan. 31, 1911

Consisting of 10 tried sows, 3 yearling sows, 25 spring gilts and 2 spring boars. Among the tried sows you will find such sows as Rose Banker by Advance Banker, Cherry Girl by Cherry Boy and other sows by Model H., Pearl's Golden Rule, Expansion, J. B.'s King of Cols., Improver Jim, and others. The spring gilts are sired by Model H., Expansion, Crimson Rule Prince Wonder 2d. The offering is bred to Model H. by Higgins Model, Expansion, Crimson Col., Belle's Prince Wonder by Frince Wonder 2d and his dam ty Pearl's Golden Rule.

The offering is of good size, in excellent condition and the blood lines represented have proven their superiority. Attend the sale and we'll take good care of you. Catalogs ready. If unable to attend send bids to R. G. Sollenbarger in our care. Remembe the place and date. Parties coming on the R. I. R. R. stop at Scandia.

WARD BROS., Republio, Kansas

AUCTIONEERS-JOHN BRENNEN, N. S. HOYT.

# W. E. MONASMITH'S BONNEY K AND KANSAS SPECIAL BRED SOW SALE To Be Held at Formosa, Kas., Wednesday, Feb. 1, 1911

The offering will consist of 10 tried sows by such sires as Golden Ruler, Chief Improver, Model Chief Again, Belle's Chief, Big Chief and Nebr. Wonder, all bred for early litters to Bonney K. 47075; 30 spring gilts by Jewell's Col., King of Kant Be Beat, Prince Wonder 2d, Top Notcher's Top and A Lincoln Top. Ten of these are bred to Bonney K. and 16 to Kansas Special he by Valley Chief, also 4 spring gilts bred to Nebr. Boy by Bonney K, and dam by Nebr. Wonder. The entire offering is strong in quality and breeding and have been fed to do the buyer good.

Sale will be held in heated pavilion on the farm. Attend the sale and we will have things arranged for your comfort and profit, and show you one of the best Duroc offerings you will see this year. If unable to attend send bids in my care to R. G. Sollenbarger. Catalogs ready.

W. E. MONASMITH, Formosa, Kan.

AUCTIONEERS-JOHN BRENNEN, N. S. HOYT.

# RINEHART & SONS' ANNUAL BRED SOW SALE

At Smith Center, Kas., Friday, February 3, 1911

Being mostly the get of King of Kant Be Beat and Golden Ruler. In the sale will be 7 tried sows by King o Kant Be Beat, Golden Ruler, Ripley Top Notcher. Some of these will be bred to King of Kant Be Beat. The 43 spring gilts are by King of Kant Be Beat, Golden Ruler, Jewell's Col., Bonney K. and others and bred to King of Kant Be Beat, R. & S. Duroc Wonder, Golden Bonney and Crimson Wonder 5th by Crimson Wonder Again and his dam, Mo. Girl, who is also the dam of H. A.'s Queen. Our gilts will go in the sale weighing from 250 to 300 pounds and not loaded down with fat. The sows are right, have been fed right, and if you will come to the sale we will treat you right and think you will say we have a great offering. Sale at fair grounds joining Smith Center. Get a catalog, and if unable to attend send yours bids to R. G. Sollenbarger. Catalogs ready.

RINEHART & SONS, Smith Center, Kas.

AUCTIONEER-JOHN BRENNEN.

# W. C. WHITNEY'S Annual Offering of Bred At Agra, Kansas, Saturday, February 4,

Which will consist of 35 spring gilts of early farrow and by noted sires, among which are the following: Agra Top Notcher, our 900-pound sire by Tip Top Notcher, I Am a Bonney K. by Bonney K., Bonney K. 47075, I Am a Buddy K., and are bred to the above boars and Bonney K. 2d, he by Bonney K. 47075 and out of a sow by Belle's Chief and she out of a dam by Crimson Wonder. This is an outstanding pig and you should have a litter by him or Agra Top Notcher or both. The dams of the offering are by such sires as Agra Top Notcher, Bonney K., G. C.'s Col., Rosebud Chief, McParker, Belle's Chief and others. Send for catalog and be with us sale day. You will see a bunch of bred gilts that will please you and do You good next year. If unable send bids to R. G. Sollen arger.

W. C. WHITNEY, Agra, Kansas

Catalogs ready.

# CLOSING OUT SALE OF JACKS - JENNETS - PERCHERONS



February 16, 1911

FAIR VIEW STOCK FARM Sedalia, Missouri



JACKS, from colts to 7 years.

All Mature Jacks 15 hands high and over.

JENNETS, from Colts up.

All are in foal to our Grand Champion Tennessee King.

9 PERCHERON MARES - 3 PERCHERON STALLIONS

This is an Absolute DISPERSION SALE We are Leaving State

PETTY BROS.,

SEND FOR CATALOGUE

Sedalia, Missouri

# ROBISON'S PERCHERON SALE

60 —— Registered Percheron Stallions, Mares and Golts —— 60
At Auction, at the Whitewater Falls Stock Farm,

TOWANDA, KANSAS, FEBRUARY 14, 1911



25 Registered Stallions, Imported and American Bred, Herd Headers. 25 Registered Mares, Imported and American Bred. 10 Weanling and Yearling Colts.

PRIZE WINNERS!

Address for catalogue,

This sale will include the best lot of young Mares ever offered for sale from this farm. Mares bred to Casino, the greatest prize winning Percheron Stallion living.

At Sale Pavilion on the Farm.

This sale is the third sale held at the farm and will be held in the new \$5,000 Sale Pavilion.

AUCTIONEERS-R. L. HARRIMAN, JAS. W. SPARKS, L. E. FIFE, W. M. ARNOLD.

Oldest Percheron Breeding Farm in Kansas.

Four miles northwest of Towanda, Kansas, on the Missouri Pacific Railroad.

Stallions all guaranteed breeders.

Stock loaded on cars free of charge.

J. C. ROBISON. TOWANDA, KANSAS

# WRIGHT'S

# Great Variety Poland-China Sale., Valley Center, Kansas, Feb. 16th Genuine good hogs that have size, quality, and conformation. 50 head the tops of the herd, not a swirl, spotted, off colored or defective

one in the bunch, royal breeding.

40 Sows Bred to On the Plumb, Home Run 2nd and Sir Bredwell 10 Matchless Open Gilts, 6 Out of \$300 Corrector Sow

Sows sired by KEEP ON, HOME RUN 2D, SIR BREDWELL, CORRECTOR 2D, etc. Includes tested sows, fall yearlings, and spring gilts. If you want useful, well fed matured hogs that have size and bone, we can suit you.

You are welcome if you buy or not. Don't forget the date, February 16. Send postal for catalog early.

tric R. R. service from Wichita to Valley Center every hour.

Send bids to O. W. DEVINE.

AUCTIONEERS—JOHN SNYDER, LAFE BURGER.

For all information address

# P. WRIGHT, VALLEY CENTER, KANS.

# Hull's Annual Brood Sow Sale

At Garnett, Kansas, Friday, February 10, 1911

# 50-Head of High-Class Bred Sows and Gilts-50

30 head spring gilts the best I raised, 20 head of my best brood sows and fall yearlings, consisting of such sows as Dude's Daisy by Tip Top Dude, Midnight 2d by Hadley Boy and out of old Midnight, 3 good sows by O. K. Price, Iola Garnett by Columbia Chief, Kansas Queen 4th by Nebraska King. 16 choice spring gilts by Hadley Boy. 10 spring gilts by William Garnett. The balance are by King Blain, Big Hadley, Erie King, Sheldon's Hadley, Taxpayer 2d, John Boy by Big John, Standard O K. and other boars of the large type breeding, and bred to Hadley Boy 48009, The Lion 55586, Kansas Hadley 57114, Bean's Wonder 57113, and Longfellow 58096. I guarantee a good offering. Send for a catalog and come to my sale. O. W. Devine will represent Kansas Farmer. Blds sent to him will be handled with care.

AUCTIONEERS-COLS. C. E. BEAN, H. HOHENSTEIN, A. J. DORSEY, JOHN RUDDISIL.

C. S. Nevius will sell at Chiles, Kan., February 11, the following day.

GEORGE M. HULL, GARNETT, KANSAS

# **Larson's Closing Out Hereford Cattle Sale** Saturday, February 18th



At farm near Huron, 20 miles North-west of Atchison, Kansas, 35 miles West of St. Joseph.

My entire herd of registered Hereford cattle, comprising 15 high class bulls in age from 8 to 20 months. My entire herd of registered Hereford cattle, comprising 15 high class bulls in age from 8 to 20 months.

45 FEMALES: 28 of which are cows with calves at foot or in calf to the great bull, Beau Royal 199349, first prize bull at Denver show 1908; 6 two year old heifers and 11 yearlings. This herd was established fifteen years ago and every animal except four that goes in the sale was bred by me. Eight very choice cows are daughters of Hesiod 54th, a state fair winner. A dozen good ones by Romolusa, grandson of Beau Brummel and Druida, a Gudgell & Simpson bull of considerable note. Several daughters of Beau President, and several by Beau Mischief by Beau Brummel. The offering is of a very uniform type and there will not be a poor animal offered. Every good family represented. Write for catalog giving complete information, breeding, etc.

**EVEREST, KANSAS** 

Hesiod 54th 81362, Sire of a number of Good Cows in the Sale.

AUCTIONEER—COL. GEO. BELLOWS.

FIELDMAN-JESSE JOHNSON.

# WHITE BROS. DUROC SALE At Buffalo, Kansas, Wed., Feb. 15, 1911 40--HEAD OF

We are selling the tops from 160 head of spring pigs, and the best blood lines we can buy. Mostly sired by Buffalo Chief by The Son of the Champion and out of Baby Wonder out of Doty. A large number of these gilts will be bred to Shamrock, our young herd boar, he by Duroc by Missouri Goldfinch, dam Lucy Wonder out of Lucy Climax, she by 2d Climax. These gilts are out of our best sows and the best lot we ever raised, from such sows as Lady Belle out of Savannah Bell. She is one of our good sows. Sweet Marie, dam Iowa Girl 3d, one of the best producing sows on the farm and a producer of show litters. Sweet Marie was the dam of Sweet Marie 2d, the champion gilt at Yates Center Fair this year. Cherry Girl 2d by Buffalo Chief. Maggie by Kansas Kant Be Beat. May Model 2d by a son of the champion. Her dam was by old Tip Top Notcher, and other good breeding. We guarantee a first class offering.

Send for a catalog and arrange to attend our sale. Remember the date, Wednesday, February 15, 1911, and Buffalo, Kansas, the place.

O. W. Devine will represent Kansas Farmer. Bids sent to him will be carefully handled.

AUCTIONEERS-J. W. SHEETS, Fredonia, Kan.; WILL MILLS, Yates Center, Kan.

WHITE BROS., BUFFALO, KANSAS

# W. F. HOUX'S Big Type Poland China **Bred Sow Sale**

Will be held at Dixon's barn at

# HALE, MO., Saturday, Feb. 11,

Thirty head of the big kind, 12 yearling sows and 18 spring gilts will be sold, most of the gilts sired by Wonderlook 56255, a son of Old Grand Look 38305, and are bred to Spotted Chief 2d 55692, sired by Missouri Sunflower 49513. He is the right kind, smooth, spotted, lengthy and not

The yearling sows are sired by Bedford and he by Big Ex. 50083, and are bred to Wonderlook. If you want the big kind you can get

W. F. HOUX,

Hale, Mo.,

AUCTIONEER-COL. A. W. CEIS.



# Percherons and Belgians

and Mares we could buy in the old country; from 1 to 6 years old with plenty of size and quality. We pay no auctioneers or commissioners, but sell direct at prices that will interest you. A 60 per cent guarantee with every horse. Can show between trains.

Skoog, Reed & De Cow

Holdrege, Nebraska

# Purple Blood Durocs AT AUCTION Garnett, Kans, Feb. 13, 1911

Daughters of Ohio Chief, Lincoln Wonder, Improver 2d, Fuller's Ohio Chief and their gilts go in this sale.

N. J. FULLER,

GARNETT, KANS.

#### FIELD NOTES.

Metz Percherons in Demand.

Herman Metz, who has charge of the branch barn at Abliene, Kan., reports excellent sales so far this fall. He has just is it to the St. Peter Horse Company of St. Peter, Kan., a magnificent ton stallion. Peter, Kan., a magnificent ton stallion. There are 18 members in this company and this is the third horse Mr. Metz has sold them in ten years. He has also recently sold an 1,800-pound 2-year-old to the Lehigh company at Lehigh, Kan. Another car lead of horses are now on the way from Homewood, Ill.

Col. C. E. Bean,
With this issue Col. C. E. Bean of Garnett, Kan., starts his card in Kansas Farmer. Experience is unquestionably one of the greatest assets one can have to back him in any walk in life. Experience such as Col. Ecan has had in the breeding, training and selling of live stock for the past rifteen years should make it possible for him to render valuable service to his clients. Col. Bean is a breeder of the large Poland China and to those who contemplate holding Poland China sales his service as a salesman should be valuable. If you have not en-

gaged your auctioneer for your next sale, write or wire Col, Bean. Kindly mention the ad in the Kansas Farmer.

High Class Poland China Sale.

On February 18, F. J. Miller and E. J. Manderschied of St. John, Kan., will hold a bred sow sale on the farm near St. John. Miller & Manderschied now have one of the best herds of Foland Chrnas in the West from a breeding standpoint and for individuals. We have not seen any better in any herd. At the head of these two herds is the great breeding boar, King Darkness, the hog that established the famous Short Grass herd. King Darkness has sired a large number of show hogs and prize winners and has a reputation not equaled by many hears. Look up the quarter page ad in this issue and send your name in for a catalog. This, we believe, is the best lot of brood sows ever sold by this firm. We have looked them all over carefully and pronounce them the best we ever saw in Stafford county, and bred to such a boar as King Darkness should make them in great demand. No breeder can make a mistake by buying a sow bred to King Darkness if he wants quality and size combined. Don't fail to read the ad. Please mention Kansas Farmer when you write.

# FIELD NOTES

O. W. Devine......Topeka, Kan, Jesse R. Johnson...Clay Center, Kan, R. G. Sollenbarger...Woodston, Kan, W. J. Cody.....Topeka, Kan.



PURE BRED STOCK SALES.

Horses.

Percherons, Belgians and Shires, Feb. 28 and March 1, 2, 3, 1911—Breeders' Sale Co., Bloomington, III, Feb. 14—J. C. Robison, Sale at farm, To-wanda, Kan.

Jacks.
Feb. 16—Petty, Bros., Scialia, Mo.
March 1, 2—W. J. Finley, Higginsville, Mo.
March 7—G. C. Roan, La Plata, Mo.

Shorthorns Feb. 8—T. J. Charles, Republic, Kan, Feb. 21—S. B. Amcoats, Clay Center, Kan, Feb. 23—W. R. Coleman, Kingman, Kan. June 6—C. S. Nevius, Chiles, Kan.

Holstein Cattle.
Feb. 7, 8, 1911—Rock Brook Farm, Sta. B,
Omaha, Neb., 150 head will be offered.

Herefords, Feb. 28—Jones Bros., Council Grove, Kan. Feb. 17—J. O. Bryant, Savannah, Mo. Feb. 18—James A. Larson, Everest, Kan.

Feb. 25—C. J. Woods, Chiles, Kan. Includes show herd.

Berkshires.

March 2—Charles E. Sutton, Sutton Farms,
Lawrence, Kan.

O. I. C. Swine. Feb. 16—Fantz Bros., Pleasa, Hill, Mo.

Duroc-Jerseys.

Jan. 31—Ward Bros., Republic, Kan.
Feb. 1—G. C. Norman, Winfiled, Kan.
Feb. 3—W. E., Monasmith, Formosa, Kan.
Feb. 3—Rinehart & Son, Smith Center, Kan.
Feb. 8—O. A. Tiller, Pawnee City, Neb.
Feb. 9—Samuelson Bros., Cleburne, Kan.
Feb. 10—Samuelson Bros., Blaine, Kan.
Feb. 14—Edward Fuhrman & Sons, Oregon,
Mo.

Feb. 10—Samuereva.
Feb. 14—Edward Fuhrman & Sons, Oregon,
Mo.,
Feb. 14—Chapin & Nordstrom, Green, Kan,
Sale at Clay Center, Kan.
Feb. 15—White Bros., Buffalo, Kan,
Feb. 15—Leon Carter, Asherville, Kan,
Feb. 16—W. T. Fitch, Minneapolis, Kan,
Feb. 16—W. T. Fitch, Minneapolis, Kan,
Feb. 17—L. E. Boyle. Lindsay, Kan,
Feb. 22—Philip Albrecht, Smith Center,
Kan.

Kan. Feb. 27—Morgan & Kaump, Blue Rapids, Kan. March 1—Frank Elder, Green, Kan. March 15—E. S. Davis, Meriden, Kan.

March 15—E. S. Davis, Meriden, Kan.

Poland Chinas.

Feb. 3—Baker Bros., Butler, Mo.
Feb. 7—J. M. Ross and W. E. Long, Valley Falls, Kan.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 8—W. B. Wallace, Bunceton, Mo.
Feb. 9—Albert Smith & Sons. Superior, Neb.
Feb. 9—Albert Smith & Sons. Superior, Neb.
Feb. 10—H. B. Vanhooser, Eldon, Mo.
Feb. 10—H. B. Vanhooser, Eldon, Mo.
Feb. 10—George M. Hull, Garnett, Kan.
Feb. 10—George M. Hull, Garnett, Kan.
Feb. 11—W. F. Houx, Hale, Mo.
Feb. 11—C. S. Nevius, Chiles, Kan.
Feb. 14—E. E. Carver, Guilford, Mo.
Feb. 15—H. L. Faulkner, Jamesport, Mo.
Feb. 15—H. L. Faulkner, Jamesport, Mo.
Feb. 16—J. H. Harter, Westmoreland, Kan.
Feb. 16—A. J. Wright, Valley Center, Kan.
Feb. 17—W. B. Van Horn, Overbrook, Kan.
Feb. 17—W. B. Van Horn, Overbrook, Kan.
Feb. 18—Miller & Manderschied, St. John. Kan. b. 18-Miller & Manderschied, St. John,

Kan.
Feb. 18—Miller & Manderschied, St. John.
Kan.
Feb. 20—H, F. Pelphrey, Humboldt, Kan.
Feb. 20—Collins & Hansen, Abliene, Kan.
Feb. 21—J. W. Pelphrey, Chanute, Kan.
Feb. 21—J. W. Pelphrey, Chanute, Kan.
Feb. 22—W. C. Milligan, Clay Center, Kan.
Bred sows.
Feb. 23—Herman Gronniger & Sons, Bendens, Kan.
Feb. 24—G. S. Hamaker, Pawnee City, Neb.
Feb. 28—W. R. Coleman, Kingman, Kan.
Feb. 24—G. S. Hamaker, Pawnee City, Neb.
Feb. 28—W. R. Stump, Blue Rapids, Kan.
March 4—C. H. Pilcher, Glasco, Kan., and
E. C. Logan, Beloit, Kan. Sale at Concordia, Kan.
Oct. 11—S. A. Hobson & Son, King City, Mo.
Oct. 21—W. C. Singer, Hiawatha, Kan.
Oct. 25—Walter Holdwein, Fairview, Kan.
Oct. 26—H. H. Foster, King City, Mo.
Oct. 27—J. C. Halderman, Burchard, Neb.
Oct. 31—W. T. Williams, Valley Falls, Kan.
Nov. 1—H. B. Walter, Effingham, Kan.
Nov. 2—H. C. Graner, Lancaster, Kan.

Big Sale of 168 Head Poland Chinas, We ask all lovers of Poland China hogs to send to H. B. Vanhooser at Eldon, Mo., for nicely illustrated catalog of 165 head of high class Poland Chinas that will be sold February 7, 1911. This will be a grand opportunity to buy a lot of tried brood sows with good pedigrees. Mention the Kunsas Farmer when you write.

W. R. Coleman's Sale February 23, W. R. Coleman's Sale February 25.
W. R. Coleman of Kingman, Kan., will sell his entire herd of Shorthorn cattle and Poland China hogs at his farm near Kingman, Kan., on Thursday, February 23. Watch for sale ad and reader in next week's issue. Send for a catalog and arrange to attend this closing out sale. Please mention Kansas Farmer when you write.

The Designer Kind.

On February II, C. S. Nevius of Chiles, Kan., will sell 40 head of brood sows and gilts. This will be the best tot ever offered by Mr. Nevius. They are mostly large, useful brood sows and large fall yearlings. Every one is a money maker and a good one. Don't fail to get a catalog and attend the sale. Look up ad in this issue of the Kansas Farmer.

American Berkshire Record.

Volume 34 of the American Berkshire Record is now being distributed to members and others. This volume contains records of 5,000 pedigrees numbered from 130,001 to 135,000, together with rules of entry, names of officers and members and much other information of value to breeders of Berksbire swine, Secretary Frank S. Springer, Springfield, Ill., is the editor.

Last Call for Wallace Sale.

The advertisement of the mammoth Poland China sale on February 8 will be found

Closing Out Jack Sale.

Closing Out Jack Sale.

On February 16, Petty Bros. of Sedal Mo., will sell 50 head of jacks and jens at public auction. This is a clean offer and will be sold to the highest bldg. Petty Bros. are moving to another state, will close out all their stallions and jed it will be a great opportunity to buy in good jacks and jennets. Look up ad int issue and send for catalog. You cannot ford to miss this sale if you are interest in this class of stock. Please mention that the sale of the sale when you write.

A Barn Full of Stallions.

A Barn Full of Stallions.

We ask our readers to look up the is ad of Dr. W. H. Richards of Emporia, K. who is offering some great values in h ported Percheron and Beigian stallions, in Richards spent two months in France as fully selecting and buying these stalling and he bought only the best he could he has a result of his careful buying he can you a splendid stallion at a very reasonate price. Call at his barn in Fimporia a make your cwn selection. The price a terms will be made to suit you.

The Kansas Farmer has brought more inquiries and made more sale than any paper I have ever adventised in. Please announce that I am all sold cut and have nothing to offe at present.—J. Q. Edwards, Breeder of Hampshire Hogs, Platte City, Ma.

Big Type Polend Sale.

Hig Type Polend Sale.

On February 10, G. M. Hull of Garat Kan., will sell 50 head of the very bear sows and glits ever put through a sale mat Garnett. A large number of the ware bred to Hadley Boy, and a number the glits are sired by him. The catal are ready to mail, and don't fail to send one and attend this sale. See sale ad where in this issue and get your name, the mailing list. Kindly mention the kass Farmer when you write.

Worden & Son's Duroc Sale.

Wooden & Son's Duroc Sale.

The card of L. C. Woolen & Son of Suberry, Mc., announcing their bred sow a will be found in this issue. This is the inith annual sale, Woolen & Son are and the cidest Duroc Jersey breeders in a souri, and their offering on March 8 woonsist of 12 tried sows and 38 choice at the entire lot is bred to farrow early a finer lot of individuals will be hardfind. The herd is headed by Woolen's Cmax 161307, sired by Climax K. and he Climax 2d. The second herd boar is De Eusier, sired by Duroc Improver. Sendications at once and mention Kan Farmer.

J. W. Felphrey Sells February 21. J. W. Pelphrey Sells February 21.
On February 21, 1911, J. W. Pelphrey Chanute, Kan., will seil 40 head of chabrood sows of the large type breeding. Will be remembered by most breeders the J. W. Pelphrey has attended and bought most of the leading sales the past typears. In this sale February 21 he is the support of all the breeders. Mr. Phrey guarantees a good, clean offering we would ask that all our readers where the poland Chinas will send for a catal ard arrange to attend this asle. Mr. Phrey is not quitting the business, but ing some of his best brood sows, Ge catalog and come to the sale. Kindly me tion the Kansas Farmer when you write

Imported Shetland Ponies,

Mr. N. E. Stacker of Ottawa, Kan., is a vertising a few choice Shetland ponies; sale. At the head of this herd is a ward promising stallion, Inquos, a grandson Lord of the Isles. Mr. Stacker also has his herd two granddaughters of the isof the Isles. While Mr. Stacker is raid ponies to please the fancy of children, has started with some of the best by lines he could buy. He has several particular that any breeder could use in his herd, are registered or eligible to register. I Stacker has a number of yearlings and cycar-olds for sale, both spotted and sections. In size they run from 38 inches 42 inches, All priced very reasonal Flease look up ad in Readers' Market Fland write N. E. Stacker at Ottawa, is Kindly mention the Kansas Farmer. Imported Shetland Ponies.

Parker Parish "Doddies,"

The Aberdeen-Angus breed has the fisplace in beef production. In all of theis shows, and especially in the Internation this breed has won more prizes in the classes than any other. A beef breed will make beef, top the markets and prizes and championships in the fat is shows is the one wanted by the farms Parker Parish & Co., Hudson, Kan. If 400 head of these and they are bred fit and priced right. They are just waiting you to come and get them. They be prize winning blood in them and lots of younger ones were sired by Japan 110, best son of the sensational Prince It., sold at auction for \$9,100. Notice their vertisement and write them. They can soly your wants in animals of any age either sex. Parker Parish "Doddies."

Graner's February 9 Sale.

Graner's February 9 Sale.

H. C. Graner of Lancaster, Kan., will so head of his big type Poland Chinas February 9. These are tried sows, fall yellings and spring gilts of a great variety the big type blood lines. Mr. Graner's laways been a good buyer and now has so choice stuff to offer. Among the feater of the sale will be the great sow. Pribell by Bell Metal, who is probably as get a sow as will go through the ring this witer. Two of her spring gilts by Coles will weigh 350 by sale day and are bearing there will also be five of her August be hy Guy's Monarch will also be in this who were sired by Nebraska Chief. Kas Chief, Hadley, Expansion, Longfellow and other good ones. Guy's Monarch of \$1,000 and he is the sire of gilts Nos. is of a First Quality sow, and 13, 14 and Expansion sows. The breeding females be bred to Guy's Monarch or to Col. Thos by Simpson 53261. This will be one of bitse offerings of the winter and the callogues are ready. Mention Kansas Farswhen you write, and if you cannot alter the sale, send bids to Jess R, Johnson. (Center, Kan.

ONE OF MANY.

The following letter is typical of many we are receiving in Kansas FARMES office these days.

FARMER office these days.

Kansas Farmer, Topeka, Kan,
Gentlemen: Please find enclosed postoffice money order for \$1.50, for which please
send me your farm library list of magazines
and books. I like the Kansas Farmer splendidly—could hardly think of farming without it. It is all good solid reading.

Yours respectfully,

O, C, HAWORTH,

Our great farm library offer is given on page six of this issue of Kansas Farmer.

Currie Windmill Co., Topeka, Kan., Please find enclosed check for belance on mill. I am well pleased with your windmill. I am satisfied you have all the rest of mill makers beaten a mile. Yours truly, JAMES O'CONNOR.

Shorthorn Sale February 18.
On February 13 the Pelphrey Bros. will sell at Humbeldt. Kan., 50 head of Shorthorn cows and heifers and the great herbull, Prince Valentine by Prince Pavonia, and out of a St. Valentine cow. The Pelphrey Bros. are selling their entire herd, as they expect to change location.

Woods Scie Pelica Darhams.
On February 25, C. J. weeds of Chiles, Kan., will sell 55 head of his famous Polled Durhams, including the well known herd bull, Roan Hero, and the champion calf herd last year. Get your name on the list for a catalog, and watch for display ad in next issue of Kansas Farmer.

G. M. Scott of Rea. Mo., one of Missouri's cldest and largest dealers in high quality jacks, will be on the market this season with a large number of Missouri, Kentucky and Tennessee hred jacks of the very best quality. Watch for Mr. Scott's advertisement in the Farmer and if you want a good jack remember that Mr. Scott handles high class stock and that he is a reliable dealer.

Big Type, Big Litter Kind.

February 10, George M. Hull of Garnett, Kan., will sell 50 head of brood sows that are worth going a long distance to see. They are the big, smooth kind, the best lot he ever sold in a sale. Mr. Hull is selling some of his best sows to make room for a younger lot of fall sigs that is coming along nicely. Don't fall ite get your name on the mailing list for a catalog and arrange to attend this sale,

Expansion Wender Sale.

The W. B. Wallace Poland China sale at Bunceton, Mo., on February 8, is scheduled to be one of the most sensational Poland China sales of the season. Expansion Wonder was the champion boar at the Missouri state Fair, and sows bred to him should be in great demand. Don't fail to get a catalog and attend this sale.

Combination Shorthorn Sale.

On February 13, the Pelphrey Bros, will sell 50 heed of Sherthorn cattle consisting of cows, heifers and a few young bulls. This offering is a choice lot, coming from some of the best herds in the country. The cows all have calves at foot or are bred to drop calves in early spring. Further mention of this sale will be made in the Kansas Farmer. Any breeder can buy these cows and heifers, as many of them are good enough to go in any herd we know of, both as individuals and from a pedigree point of view. Write today for a catalog.

J. A. Fee & Son's Sale.

J. A. Fee & Son's Sale.

The Percheron sale advertised by J. A. Fee & Son at Stafford, Kan., was attended by a large crowd of farmers and a few breeders. The imported stallions and mares were not appreciated, as the prices were not quite up to the quality of the horses. No. 13. Hittora, a 4-year-old imported stallion, sold for \$1,000, going to C. F. Coeper of Partridge, Kan. Hittora was probably the best bred horse sold, and he was a splendid individual. For the lack of space we omit a full report of the sale.

Fuller's Duroc Sale.

Fuller's Duroc Sale.

N. J. Fuller of Garnett, Kan., will sell a draft of his Purple Blood Duroc Jerseys on February 13. In this offering there will be 20 head, including four tried brood sows, five fall yearlings and the remainder spring gilts. The tried sows are daughters of Ohio Chief. Lincoln Wonder, Improver 2d and Fuller's Ohio Chief. The gilts are alostly from these sows and were sired by Friedsens of Proud Advance and Ohio Chief. Here is some good blood and the sale will be well worth attending. Please mention Kansas Farmer when you write for Mr. Fuller's catalog.

High Class Jacks,

High Class Jacks.

The card of S. B. Utz of St. Joseph, Mo., will be found in this issue of Kansas Farmer. For the past 20 years Mr. Utz has made the breeding of high class jacks and jennets a specialty, and today he is the owner of one of Missouri's good herds. He is offering number of very high class, serviceable jacks for sale this season, and anyone wanting high class stock should see Mr. Utz's herd. The jacks offered for sale at this time are Missouri bred, are big boned, well inished, and are all black with white noints, and will be sold worth the money with a guarantee. Mr. Utz has a herd of high class jennets and has a few very fine ones for sale. He will also sell some extra fine 2-year-olds and a number of colts. Write or phone Mr. Utz at St. Joseph.

Bowser's Big Poland China Sow Sale.

J. E. Bowser, one of the successful bigThe Poland China breeders of Central
Ransas, will hold a bred sow sale Friday,
The Poland China breeders of Central
Ransas, will hold a bred sow sale Friday,
The State of the sale will be held at Mr.
Rowser's farm, eight miles north of Abiline and three miles cast of Taimage, Kan.
The offering is a good useful one and the
kind that practical men like to buy. There
will be 50 head sold, 12 of which are tried
sows: sows that have made money for Mr.
Howser and he puts them in this sale because of their proven worth. They should
move attractions for any sale. Everything
in the sale will be bred for early farrow in
March and April to Mr. Bowsers' great pair
of young boars, Bell Metal M. and Hadley's
Wender. Bell Metal M. is a son of Bell
Metal, he ty Expansion, and his dam was
Certrude by Garrison 27202. Hadley's Wonder was sired by Nox All Hadley by Big
Hadley and his dam was the great sow,
Neosha Queen by Blain's Wonder. Mr. Bowser has bred this kind of Polands for years.
He has a very large herd and the gilts that
So Into this sale are selected out of his
spring crop. rumbering 175. They will receive proper feed and care and will go into
the ring on sale day not loaded with fat,
but in good useful breeding condition.

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Tiller Sells Duroes February 8.

Tiller Sells Durocs February 8.

One of the very first Duroc Jersey bred sow sales of the season is that of O. A. Tiller of Pawnee City, Neb. Mr. Tiller will sell right in town and under cover, so everyone will be made comfortable regardless of the kind of weather. The offering of 35 head will consist of four tried saws, 14 fall yearlings and 17 extra good apring silts, all bred for March and April farrow with a few for the last days of February. They are bred to Mr. Tiller's great trie of boars, Tom Davis, Chief's Valley and Prince Wonder Col. As an attraction Mr. Tiller sells his show sow Efferre, winner of first at both Nebraska and lows State fairs and third at St. Louis World's Fair, 1904. Several others of the tried sows that desarve special mention in any company, among them Grandview Belle by Crimson Dandy, he by Crimson Jim. Her dam was by Monarch, whose dam was a full sister to Ohio Chief, Choice Girl 2d is another of the good sows. She was sired by Bell's Chief ith, he by Bell's Chief, winner of first at St. Louis World's Fair. Her dam was by W. L. A.'s Choice Goods, Crimson Bell by Crimson Monarch is another of the sows that is of the make good type. Her dam was by Morrison's Bell Top, a son of Nebraska Bell. The gills that go into the sale are out of such sows as these and sired by Tom Davis, Crimson Monarch and other good sires. In the herd boars Mr. Tiller has three outstanding good sires. Tom Davis, himself a prize winner and a breeder of sreat merit; Chief's Valley, a Son of the noted Valley Chief, his dam by a son of Sreat merit; Chief's Valley, a Son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the noted Valley Chief, his dam by a son of the not

Herson's Hereford Closing Out Sale.

After 15 years of successful breeding of pure bred Hereford cattle, Mr. James A. Larson of Everest, Kan., finds it necessary to make a dispersion sale. In this sale goes the results of his years or experience, careful and judicious buying, mating and feeding. The date decided upon is Saturday, February 18, and the sale will be held under cover at the farm near the town of Huron, Kan., and visitors will be provided free transportation to and from the farm. The offering will consist of about 60 head, divided as follows: Fifteen bulls and 45 females. Five bulls range in age from 18 to 20 months; five in age from 18 to 14 months and five from 8 to 10 months. Of the females, 28 are breeding cows with calves at foot or in calf. Of the "emainder six are 2-year-old helfers and 11 are yearlings. All of the bulls and helfers under 18 months old were sired by the herd bull, Beau Royal by Beau Dsndy, he by Beau Brummel. His dam, Pretty Lady 25th, was also the dam of the great Beau President. Beau Royal was first prize bull at Denver Stock Show, 1908. He is a bull of great scale, weighing around 2,300, and has proven himself a great sire. All of the females of breeding age are in calf to him. Quite a lot of very choice cows are daughters of a former bull, HcLoid 5th, sired by Hesoid 2d. His dum was Bright Duchess 15th, winner of first as calf at Chicago Warld's Fair. He sold 5th was also a winner at Kansas State fairs. Other good cows are by the Anxiety bred bull, Romulus. There are also several daughters of Beau President. The cowherd taken as a whole is one of the most uniform for type and markings that the writer ever saw. Every cow is a regular breeder and a good producer, otherwise she would not have remained in the herd. The past two years Mr. Larson has raised 29 calves out of 30 cows bred. Write at once for catalog, mentioning Kansas Farmer. Larson's Hereford Closing Out Sale.

A, P. Wright's Sale.

A, P. Wright's Sale.

Attention is called to the advertisement of A. P. Wright of his great bred sow sale February 16 at his farm near Valley Center. Kan., at which time he will sell 10 high class sows all bred for March and April litters to his three great boars, On the Plumb, Home Run 2d and Sir Bredwell. Home Run 2d is of the large type Black U. S. and Corwin bred, but has the quality and sthoothhicss seldom seen in a hog of his size. He will be shown next year and we predict a promising future for him. He is by Home Run and out of the \$500 sow Pond Lily, she by Sunshine 2d and out of Choke Cherry. On the Plumb is the first prize winning boar at the Kansas State Fair. 1997, and Sir Bredwell is the best breeding son of the great Corrector 2d, his dam being the \$600 sow, Hattle by Impudence. The bred sows in the offering are by the above boars; also old Keep On, Cute Special and Craftsman, and out of a bunch of herd sows that Mr. Wright has been selecting and improving for several years, among them being many high selling sows and prize winners. He sold the highest selling sow in the state bred in Kansas, Nearly the entire offering are all safe in pig to one or the other of the three boars. This is one of the strongest offerings in individuality made in 1911, they are certainly money makers and must be seen to be appreciated. There will be 10 open gilts and a few boar pigs, six out of a fine \$300 Corrector sow. The sale will be held on the farm in the new sale pavillon, which is one of the best in the state for a hog sale. Trains will be new electric interurban railroad running from Wichita. Kan., through Valley Center every hour, giving excellent connection with all Wichita trains at any time. Sale commences at 1 p. m. Catalogs can be had for the asking. Cols, Snyder and Burger will occupy the platform and all Kansas Farmer business will be handled by Mr. O. W. Devine.

Samuelson Bros.' February 9 Sale.

Samuelson Bros. of Cleburne, Kan., will hold their best sale at the farm near town on Thursday, February 9. The Samuelsons have been holding these good bred sow sales for several yeers, but this is the best bunch they have ever gotten together for an event of this kind. They have postponed the Blain sale until some time in March and all of the good early bred stuff goes into the Cleburne sale. There will be 54 head in all, 10 of which will be tried sows. By consulting the advertisement which appears elsewhere in this issue Kansas Farmer readers can know what they are sired by and what great boars have been used in the breeding for spring farrow. It is doubtful if there will be another sale of bred sows held this winter bred to as many different good boars. Eight will be bred to the great boars. White House King by White Hall King, one of the most noted of all eastern boars. White House King is an excellent individual and a splendid breeder. Five will be bred to Bell's Chief 2d, the best son of the World's Fair prize winner. Bell's Chief. Bell's Chief 2d has proven his value as a sire quite a while ago and is still siring good ones. Ten will be bred to Timber City Col., a grandson of G. C.'s Col. and out of a sow by the great Tatar-Col. and out of a sow by the great Tatar-Samuelson Bros.' February 9 Sale.

rax. Sixteen have been bred to the magnificent young boar, Shepherd's 1910 Top, the boar that topped H. D. Shepherd's 1910 Top, the boar that topped H. D. Shepherd's fall said. He is by Shepherd's Model, very growithy and heavy boned, and has a good head and ear. Few breeders have such a large number to select from as have the famuselson Bros., so it isn't to be wendered at that they can put up an outstanding such offering. The offering is mostly out of the boars that we have mentioned with a few out of such boars as Luncoin Top, Model Chief Again and other well known good collections of the said arrange to be at this sale. All will be well treated and have a chance to buy as good includuals as the breed offers. Write at eace for catalog, mentioning the Kanass Farmer.

Please send me bill for my bull advertisement and discontinue same as I have sold him. I always get good results from my advertisements in Kansas Farmer.—I. W. Poulton, Breeder of Red Polled Cattle, Medora, Kan.

The Ross and Long Sate.

Do not forget the big Poland China combination bred sow sale to be held by W. E. Long and J. M. Ross at Valley Falis, Kan., on Tuesday, February 7. Write early for a catalog, and if you find it impossible to be present, send your bids to Jesse R. Johnson in care of either consigner.

White Bros. of Buffalo., Kan., will sell 40 head of choice bred Duroc Jersey glits on February 5. These glits are the top of 160 head of spring pigs from the best blood lines that can be beught. Read the advertisement on another page, and if you find it is impossible to attend, send your bid to either of the auctioneers or to O. W. Devine, Kansas Farmer representatiive, in care of White Bros.

Crewden Bros.' Percheren Sale.

At Garrett, Kan., on February 9, Crowden Bros. will sell some Percheren stallions and mares at public auction. The offering will include six imported and home bred stallions and a run-ber of mares; also one Kentucky jack. Here will be a chance to get hold of some good Percheron blood for use on the farm. Remember the date and be on hand.

T. J. Charles' Poland Chinas.

Everybody sits up and takes notice when Tudor J. Charles of Republic, Kan., announces one of his annual bred sow sales.

He has the big type of Poland Chinas of Expansion and Mammeth Hadley blood. There will be three tried sows, 27 fall glits, 10 spring glits and four summer boars offered in this sale. If you want the big, moneymaking kind, write to Mr. Charles for catalog, and be sure to be on hand.

Monasmith's Duroc Sale.

Following Ward Bros.' sale at Republic, Kan., W. E. Monasmith of Formosa will hold a sale on Wednesday, February 1. The blood of Bonny K. and Kansas Special will be strongly represented. The entire offering is strong in quality and breeding. They have been led right. The sale will be held in a heated pavillon on the farm. R. G. Sollenbarger will care for your bids if you cannot attend in person.

Minney's Durce Sow Sale.

At Agra, Kan., on Saturday, February 4, will be held the fourth annual sale of the Northern Kansas Durce Circuit. In this sale W. G. Whitney of Agra will offer 35 spring glits of early farrow and by noted sires. The breeding is choice in every respect and you will be glad to see them. Do not forget the whole circuit, and if you do not find exactly the line of breeding you want in one of these sales you are almost sure to do so in some other one. Catalogs are ready.

Rinchart & Son's Durocs.

The third sale of the series of the North Kansas Duroc Circuit will be held by Rinehart & Son at Smith Center, Kan, on Friday, February 2. There will be seven tried tows and 43 spring gilts, mostly the get of King of Kant Be Beat and Golden Ruler. The gilts will weigh around 250 to 300 pounds. The sale will be held at the fair grounds in the edge of town and you will be welcome. Note the advertisement and ask for a catalog. be welcome. Not ask for a catalog.

Last Call for Northern Kansas Duroc Sale-Circuit.

A great circuit of Duroc Jersey sales will begin at Republic, Kan., on January 31, when Ward Bres., of Republic, will offer 10 tried sows, three yearling sows and 25 spring lits with two spring boars, representing such blood as Advance Banker. Cherry Boy, Model H., Pcarl's Golden Rule, Expansion and J. B.'s King of Cols. Size and quality will characterize this offering, and if you cannot attend, send your bids to R. G. Sollenbarger in care of Ward Bros. Parties arriving on the Rock Island will be met at Scandia.

Hour's Big Type Polands.

At Hale, Mo., on Saturday, February 11, W. F. Houx will sell 30 head of his big-type Poland China bred sows. Twelve of these are yearling sows and 18 are spring gilts, most of whom are sired by a good son of old Grand Look. They are bred to Spotted Chief 2d 55692, and have the size and quality needed by the farmer. The yearlings were sired by a splendid son of Big Ex, and are bred to Wonder Look. Ask for a catalog and be there sure.

Glissmann's Big Holstein Sale. South Omaha, Neb., on Tuesday and At South Omaha At South Omaha, Neb., on Tuesday and Wednesday, February 7 and 8, H. C. Glissmann, owner of Rock Brook Farm, Station B, Omaha, will sell 125 head of registered Holstein-Friesians. This offering will consist of 25 bulls from 1 month to 2 years old, 50 cows from 4 to 8 years old, 35 helfers from 1 to 4 years old and 15 helfers from 1 to 4 years old and 15 helfers calves. Every animal over 6 months old is tuberculin tested. This is a big bunch of good cattle, with a lot of A, R, O, records among them. so be sure to get a catalog and be on hand.

Buchheim's Duroc Jerse. Sale.

At Lecompten, Kan., on February 13. F.
M. Buchheim will hold his annual Duroc Jersey bred sow sale. The offering will include 18 tried sows and 30 spring gilts, all bred for March and April farrow to Lincoin Chief, one of the best sons of Chief Tatarrax, and to Cedar Long Wender by Long Wonder. These brood sows are 10 of the best in the herd, and the gilts have been carefully selected. Write for a catalog at the train with a free conveyance.

Smith & Son's Poland Chinas.
Following the sale of Tudor J. Charles at epublic, Kan., will be held another sale the big kind by Albert Smith & Son of

Superior, Neb. This herd is a noted one and the offering will consist of five tried sows, eight fall yearlings and 27 growthy spring gits of the Smith kind. These were sired by Smith's Big Hadley and Jumbo, Jr., and the bred to Smith's Big Hadley Jumbo, Jr., and Big Sam. There is plenty of size and quality here and the catalogs are ready. They will sell three yearling Shorthern built at the same time,

I. C. Robison's Winter Sale of Registered Percherons

Will be held February 14 at the farm instead of Wichita, as heretofore. J. C. Robison, owner and manager of the famous Whitewater Falls Stock Farm, the oldest and largest Percheron breeding farm in the West, writes us that on Valendine Day, the date of his next sale of 60 registered Percheron stallions, mares and colts, he will sell the best lot of imported and American breat stallions old epough for immediate service that has ever left that noted farm. The mares, although a little younger than those usually sold, will be far above the average, as they are an exceptional lot, 10 of them heing imported mares, some of which have raised colts on the farm and are bred again. It has been customary for Mr. Robison to hold a sale of Percherons at Wichita about the middle of February each year for the past 10 years. The barns at Wichita la which former sales have been held were recently destroyed by fire and Mr. Robison announces that the coming sale will be held at the farm noar Towanda. A special train on the Missouri Pacific railroad will rus from Wichita te Towanda and Teturn after the close of the sale, leaving Wichita at 8 a. m.

H. F. Pelphrey Sells Februs H. F. Pelphrey Sells February 20.
On February 20, H. F. Pelphrey will sell his entire herd of brood sows and about 66 head of fall pigs. Mr. Pelphrey has one of the best collections of brood sows of the large type breeding that we know of. They are the tops of the best sales held last winter. Owing to a change in location at. Pelphrey is compelled to sell most of his herd. It should be remembered that en February 13 he will held a Shorthern cattle sale and sell his herd of Shortherns, but the hog sale will be on February 25, one week later. We ask our readers to watch for advertisement of both these sales in Kansas Farmer, and send for a catalog and arrange to attend these sales.



We herewith present the likeness of Mr. S. A. Bugg of Hamilton, Mo., one of Missouri's leading Poland China breeders. Mr. Bugg is the owner of one of Missouri's noted herds and he is recognized as one of the best informed Poland China breeders engaged in the business at the present time. He has recently issued a booklet entitled "Pointers on Hog Raising" that is of special interest to all hog preeders. On account of having to rebreed a number of sows, his bred sow sale scheduled for January 24 has been called off, and he will sell a lot of very fine gilts of the very best breeding at private sale. Don't fail to get one of his booklets.

A Successful Young Breeder.

A Successful Young Breeder.

H. H. Foster of King City, Mo., who is one of Missouri's progressive young Poland. China breeders, has decided to hold his annual fall sale on October 26, and has breeders, has decided to hold his annual fall sale on October 26, and has breeders will be of fine early pigs. Mr. Foster's hierd is headed by Prince Expansion by the 1,000 pound Expansion. Prince Expansion by the 1,000 pound Expansion. Prince Expansion by the 1,000 pound Expansion. Prince Expansion is a very fine individual with lots of size, very heavy bone and plenty of finish. He is considered by competent judges to be one of North Missouri's good boars. Mr. Foster has a very fine sow herd and representatives of the best Poland China blood in the country are to be found in it. He is very careful in selecting his breeding stock and although he is a comparatively young breeder he has succeeded in building up a remarkably fine herd which promises to become famous.

J. C. Robison, owner of the famous White-water Falls Percherons at Towanda, Kan, writes: "The new year has started well for me as I sold three stallions today. One to a party at Edmond, Okla., and two very fine imported horses to a man at Lamar, Colo. Both of these gentlemen had been former customers." Good horses sell well and Whitewater Falls farm is a good place to look for them.

Blizzard Belt Strawberries.

The Gardner Nursery Co., Osage, Iowa, will send you 2 Giant "Blizzard Belt" straw-berry plants (worth 30 cents) free of charge for testing upon receipt of your name and address. These berries are large in size and of the finest quality and flavor. There are for testing upon receipt of your name and address. These berries are large in size and of the finest quality and flavor. There are no strings to the offer, they simply want to get you to try this wonderful berry. One customer who set out two of these plants in the spring of 1909, picked 12 quarts of delicious fruit from his test bed last summer. You can do just as well. If you care to add 10 cents for mailing expense the Gardner Nursery Co., Osage, Iowa, will send you the two free giant "Blizzard Belt" straw-tordy plants. Send your name and address today for plants and The Gardner Nursery Company will send you their catalog and bargain sheets of hardy "Blizzard Belt" fruits by next mail. The plants will be mailed you at proper planting time.

# Sharpen Your Tools Mailthe Coupon for full explanation of our great ten days' free trial offer

I will send you a Harman Special Alectride Farm Tool Grinder, with ten Grinding Attachments, right to your farm for an absolutely free free trial lasting ten days. I will guarantee that this Alectride Grinder will not draw the temper from the steel.

I don't want you to send me any money-not a cent. I want to make you an offer so liberal that you simply cannot afford to refuse it.

I will give you the use of this magnificent outfit tor ten days absolutely FREE-no red tape, no papers to sign, no obligations of any nature. Just get the outfit use it for ten days just as though it were your own, on your own work, sharpen your sickles, plowshares, cultivator shovels, scythes, axes—anything that is dull—then, if you wish, return it to me at my expense.

# Now, I want to tell you why I am making this offer

We know that every progressive, up-to-date farmer realizes the advantage of always having sharp, bright tools to work with. You know how much more work can be done with tools which are always in good condition. You know how much easier your work is and how much longer your tools last. You know all these things and yetyou DO sometimes work with dull tools, don't you?

I want to prove to you that you can easily keep all your farm tools in good condition all the time with this wonderful, simply wonderful, outfit which I will send you FREE.

# Genuine Alectride Grinder OT An Emery Wheel

And Alectride is the most wonderful abrasive in the world, even hard enough to scratch the diamond. It is really manufactured precious stones, for it is made of the very same substances which go to make up the sapphire and the ruby. Alectride is the most perfect grinding substance known. It is just as much harder than emery as emery is harder than ordinary chalk. A grinding wheel made entirely of pulverized South African diamonds would not grind one bit better or faster than the genuine Alectride wheels which we furnish with this superb machine.

Alectride is manufactured in the most terriffic heat which man has ever been able to Alectride is manufactured in the most terriffic heat which man has ever been able to produce. A heat so great that it will actually burn up a common brick like so much gunpowder. And in this incomparable heat is produced Alectride. It is the heat in which the worlds were formed. Every one of the beautiful irridescent, needle-like crystals is so hard that it will actually scratch the diamond itself. It is these crystals which are crushed up and made into the grinding wheels. It is these inconceivably hard and sharp crystals which cut through the hardest steel more easily than the finest emery wheel will cut through soft copper.

You can do the same work in two minutes on an Alectride wheel that would take you at least half an hour on a grindstone, and do it better. And you can operate the Harman Special Farm Tool Grinder for half an hour with less effort than would be required in running a grindstone for two minutes. Alectride will grind 25 times faster than a grindstone and 8 times faster than an emery We want to prove these things to you at our expense. We want to send you the Harman Special Tool Grinder for a ten days' trial right on your own farm. See for yourself how it will grind and sharpen every tool on your farm. See for yourself that it is time to throw away the grindstone. Send the free coupon for our free booklet describing this wonderful Alectride. Mail Coupon Today!

Alectride wheels are so much harder than the hardest steel that no amount of grinding seems to have the slightest effect on them. Alectride will cut the biggest steel file you have in two in five seconds. We give a lasting, binding guarantee with our tool grinder.

### Alectride will NOT draw the temper from the steel!

Alectride wheels will not wear in spots or become lop-sided. will not glaze over. They are not only hard, but they are equally hard throughout. There are no soft spots in an Alectride wheel. Alectride wheels will not draw the temper of the finest tool. The reason for this is that Alectride does not heat the article which is being ground as does an emery wheel or grindstone. Alectride cuts and cuts quickly—it cuts so quickly that the steel does not have time to heat.

#### Harman Supply Co.,

Dept. 3981, 160 Harrison St., Chicago, III.

Without any obligations on me please send me FREE your catalog explaining your Alectride Special Farm Tool Grinder, also full particulars of your ten days' FREE Trial Offer, also the interesting story of Alectride.

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No Letter Is Necessary; Just Send the Couron.

#### **THOUSANDS** USE

#### Read These Letters of Praise

HARMAN GRINDER RECOMMENDED BY GOVERNMENT OFFICIALS

Supt. of Indian School Adde His Praise to Thaf of Thousands of Farmers All Over the Country

Parmers All Over the Country
Department of the Interior, U. S. Indian
Service, Wahpeton Indian School,
Wahpeton, N. D.
HARMAN SUPPLY CO., Chicago.
Sirs: The tool grinder shipped to this
school has given good satisfaction and
appears to be as guaranteed by you. I
am enclosing photograph of the school
and buildings, and you may use same
and recommendation as you desire.
Very respectfully,
Supt. and Spt. Ditb. Agt.

Deverment recommendations.

Such, and Spl. Disb. Agt.

Government recommendation
means something. The Harman
Grinder was first tested carefully,
approved and purchased. Now, after
it has been used and proved its worth
in hard everyday grinding and folishing and has been approved by ofishing and has been approved by officials who are slow to praise unless
they KNOW—don't you think that
you should at least TRY this grinder when you can do so at no expense
to yourself and no risk! The grinder
MUST make good to your entire satisfaction or we want you to send it
back. Write for the grinder today
and see how much money it will save
on YOUR farm.

Most Electal Machine on

#### Most Useful Machine on

I must say the grinder is far ahead of anything I expected it to be. No more hand power grindstones for me. When I want to sharpen anything I go and do it without chasing up the second party to turn the stone. Not being used to sharp tools, three of my family have slight mements on their fingers and I touched myself slightly this afternoon. My boy calls it "Pop's" bloycle. Very true that statement that you can use it 365 days a year. I gummed a crosscut, sharpened some knives and a hatchet. I am satisfied that it is the most useful tool or equal to any tool the farmer or anybody else has on his place.

Orchard Farm, Westfield, Mass.

If Farmers Knew, All Would Buy

On Sickle Grinding Wheel (Improved)
On, Fine Grinding Wheel (Improved).
One Coarse Grinding Wheel (Improved).
One Harman Special Oil Stone (Improved)
One Saw Gummer (Improved)
One Sickle Holding attachment
One Scythe Stone (Nemerical Company).
One Disc Grinding Attachment (New)
One Disc Grinding Attachment (New)
One Tool Rest.

\*\*Would Bay

\*\*a 'don't think any farmer would be
without one of your grinders ...n his
farm after he has an opportunity to try
one. I think it is the best machine of
the kind I ever saw. The Hone that I
received with my machine is the best
stone I ever used, and I have used a
great many different kinds. I have
tried nearly everything that needs
sharpening on a farm on this grinder
and it has proven satisfactory in every
case. EMRY BUNNELLO.

\*\*R. No. I, Nevada, Ohto.

\*\*Reasta Auvithing I Eyer Savi

Beats Anything I Ever Savi Your Grinder is just what every man that has tools to grind should have. I am well satisfied with the grinder. It

beats any grinder I ever saw or used.

Enclosed find check to pay for grinder.

EBER DerON,

R. F. D. No. 3, Ossian, Ia,

R. F. D. No. 3, Ossian, Ia.

Seven Days Enough to

Prove Worth

I have had the grinder just seven
days and that is enough to show me
that it is more than you say it is, and I
have tried it on everything that I could,
and it beats the old grindstone all hollow, and I think you will make more
sales around here, as there has been
quite a few of my neighbors who have
seen my grinder work.

BERT LEWIS,

BERT LEWIS, Box 29, Larchwood, Iowa

Would Not Take Twice Price After ten days' free trial with your Grinder I can say that I am wells pleased with it and would not take more than twice the price for it II could not get another like it. V. V. MANSON, West Point, Miss.

Another Man Who Knows a
Good Grinder

I received your Grinder the 15th and
have given it a through test. It is
much better than I expected, which is
enough to say I am well pleased with
it. I would not sell it for double the
cost and do without one. and de without one.

R. B. COLEMAN,

Berryville, Va.

# Remember, Ten Days' FREE Trial!

Send the Coupon Today and get our Grinding Tool Catalog FREE! Also our free booklet explaining all about Alectride, the newest and most wonderful substance known.

Don't wait a minute. Send the free coupon today and post yourself on this wonderful offer. Learn all about the Harman Special Alectride Farm Tool Grinder. Sharpen every dull tool on your place positively free. We let you keep the machine for 10 days, and then if you wish, send it back at our expense. But mail the coupon today and get our free booklets and circulars, and get our FREE trial request blank. There is no obligation. You will be amazed at the wonderful results you will get from using Alectride. Anything you sharpen is sharpened better and quicker. Send for our free booklets today. Let us tell you what Alectride is and what it will do with every tool on your farm. Get our free booklets and our special limited offer. Remember, 10 days' free trial. Send free coupon NOW.

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