

KANSAS FARMER

FOR THE IMPROVEMENT OF THE FARM AND HOME

Volume 48, Number 2.

TOPEKA, KANSAS, JANUARY 8, 1910.

Established 1863. \$1, a Year.

Kansas State Farmers' Institute

The state farmers' institute of Kansas is a huge success. In each of three years it has been a great meeting. Last week's institute, in spite of the cold weather, was larger and better than ever. It has become the rallying center of the progressives in Kansas agricultural citizenship. The institute is all the more important and valuable because it attracts the boys and girls of the Kansas farms. These are the farmers of the future—their influence is today felt in farm practice and management. The parents have made their money by old methods—they are slow to change and do not have to take up new ideas—but they can see that their boys must be better farmers than they and willingly and anxiously are they giving the boy a chance to "try out" what he can learn about scientific agriculture from the various sources at command.

Estimates at this writing place the attendance at last week's state farmers' institute held at the Kansas State Agricultural College at close to 1,200 persons—men, boys and girls. The first institute held four years ago was attended by 40 men and boys, the second by 400 men and boys, the third by 484 boys, 100 men and 47 girls and women actually enrolled for laboratory work and lectures. Each year there has been a large attendance—in the neighborhood of 500 each year—of other persons interested in the meetings of the various state associations held during the week. From such attendance figures it will be realized that the Kansas State Agricultural College during farmers' institute week has become the Mecca for Kansas farmers, their wives, sons and daughters. The institute is a mighty factor in awakening to a keener realization the possibilities and claims of rightly managed agricultural pursuits.

The purpose of this article is not to report the addresses at last week's institute—these will keep and will be reported later—but to tell about the institute, its advantages, etc., with the hope that the reader will become interested and begin now to plan for attending next year. Keep in mind that the institute is a school. The instructors are the best in their line for they not only are those employed at the Agricultural College but include many from distant states. This editor has traveled many miles at considerable expense and even then regarded himself as fortunate to hear speakers who lectured at Manhattan last week.

Last week's institute offered to farmers' wives and daughters morning and afternoon classes in domestic science and art. This work was designed to give practical and helpful instruction in the various phases of home making. The instruction included lectures, demonstrations and class work. No fee was charged. In fact no fee is charged in any department of the institute work. Living expenses and railroad fare is all the money this work costs any one. Cash prizes are offered in many departments. All have an equal show for these and the fortunate individual can make money enough to pay the way.

But domestic science has always

Meeting at Manhattan Dec. 27 to Jan. 1 Shows Increasing Interest in Agriculture

been attractive to this editor. Sometimes he wishes he'd been born a girl. There is so much to learn that he had not heretofore thought of. The domestic science teacher unfolds fact after fact as interesting as a fable, applying practically to everyday cooking, kitchen economics, home sanitation, etc. You may think you know all about cooking and feeding the family well and cheaply but if after hearing these lady instructors elaborate on the various subjects any farmer's wife or daughter who may be persuaded to make the expenditure on account of reading these lines does not get her money's worth this editor will refund the money.

Morning and afternoon of each day instruction was given in all phases of dairying under the direction of Prof. Kendall. This instruction pertained to almost every phase of farm dairying as applicable to Kansas conditions. Every Kansas farmer who keeps a cow could afford to make a trip across the state for this work alone. In considering the selection of the dairy cow the individuals of the Agricultural College herd were used as object lessons. The points of a good dairy animal cannot be so well shown as by demonstrating with living subjects. The keeping of herd records was demonstrated. Building dairy barns was discussed. Erecting and

filling silos and the value of ensilage in feeding was an important subject. The use of hand separators and their care and the testing of cream were valuable subjects. The compounding of rations for dairy cows was given thorough and practical attention. The diseases and common ailments of dairy cows was discussed by Dr. Schoenleber. There were other subjects discussed but these serve to show how thoroughly the scope of an important industry is covered by this week of institutes. Any industry in which the Kansas farmer is especially interested was as thoroughly reviewed.

Each evening a general meeting was held in the magnificent new auditorium of the Agricultural College. Speakers of national reputation ably discussed subjects of general interest. Hon. W. M. Hays, Assistant Secretary United States Department of Agriculture, spoke on agricultural education. Mr. Hays knows more about this subject than any living man. He was the first man to talk about agricultural education in the district schools and his ideas along this line gave him greater prominence, so far as this editor was concerned, than did his work in plant breeding on which latter subject he has a national reputation.

Some interesting things about corn improvement were told by C. P. Hartley, who is Uncle Sam's big man in the corn business. It is our judgment that Hartley knows all that anybody knows about corn and every corn grower could well afford a trip to Manhattan to hear Hartley. A good many did hear him but so few compared with the number who could. We sometimes wonder if the Kansas farmer really wants to grow more corn. He does not act like it or he would be determined to rub against Hartley.

The subject of preserving soil fertility is getting pretty close to the hearts and pocketbooks of some Pettitt of Illinois University. Prof. Rose Bouton, of Nebraska University, lectured about the relation of home economics to rural life and the talk was well worth while.

President Waters of the Kansas Agricultural College on Thursday evening gave one of the most important lectures of the week. He discussed the future of our food supply. President Waters has well defined ideas on the subject and KANSAS FARMER will reproduce his address in a later issue.

Besides the above there were a half dozen speakers of lesser reputation who gave excellent evening lectures. Mention of the above names will serve to demonstrate how well planned is the state institute and what people miss when they remain away.

In addition to all this a half dozen or more state associations held their annual meetings and each had at least one full day's program. These meetings were addressed for the most part by Kansas speakers and Kansas has many of the best in the business. Every such program was full of good things—meal meat to the "pro," es-

(Continued on page 20)

SOME HIGH HURDLING



The farm production of Kansas makes another good jump.

Meeting of State Horticultural Society

For the forty-third time, the members of the Kansas State Horticultural Society assembled in annual session last week at Topeka. Most of the "old guard" who have stood by this society so long and to whom whatever successes it has attained is due were present, though a few were missing. Stress or weather undoubtedly prevented a record breaking attendance but did not affect the enthusiasm of those who had braved the longest cold "spell." Kansas had in many years.

Secretary Walter Wellhouse had prepared a feast of good things for his fellow workers and his invitation to them was to "meet and discuss the factors of success and of failure." Most of them were obliged to discuss failure because of the late frosts last spring but who shall say that these men who make friends of their trees, who have studied and lived with and learned from them for so many years, will not profit as much by one season's failure as others would by what came to them through fair seasons.

The member and even the visitor learns to look forward to these meetings in anticipation of good things to come and especially does he look forward to the reports of the trustees from the different districts of the State. These are men who are selected for their large experience and keen powers of observation and their reports serve to show the horticultural conditions, possibilities and probabilities as could be done in no other way so well. The general program provides special subjects for discussion and as food for thought but the reports of the trustees show facts as they are.

Following the address of welcome by Hon. T. A. McNeal who was delegated by Governor Stubbs for that duty the programme provided for the following papers and addresses: "Flowers of the Home Garden," Mrs. John C. McClintock, Topeka, "That Yard of Ours," Mrs. Cora Wellhouse Bullard, "Fruits and Insects of the Pacific Coast," Geo. A. Blair, Mulvane; "Horticultural Progress and Needs of Northwestern Kansas," J. J. Alexander, Norton, "Horticultural Progress and Needs of Southwestern Kansas," C. A. Blackmore, Medicine Lodge, "The Prevention of Damage by Late Spring Frosts," F. W. Dixon, Holton, "Picking, Packing and Marketing Apples," Geo. C. Richardson, Tonganoxie, "Grapes" T. V. Munson, grape specialist, Denison Tex., "Kansas Forestry" Prof. Albert Dickens, State Forester, Kansas Agricultural College, Manhattan, "Commercial Gardening" Geo. W. Holsinger, Rosedale, "Bees, Honey and Flowers" Walter Parish, Bee Expert, Lawrence.

Other parts of the meeting were devoted to discussions and to matters of business. Officers for the ensuing year were re-elected as follows: President, Edwin Snyder, Topeka, Vice-President, E. G. Hoover, Wichita.

Secretary, Walter Wellhouse, Topeka. Treasurer, C. V. Holsinger, Manhattan.

In order to give Kansas Farmer readers a taste of the good things to be had at this meeting some of the papers that were presented at this meeting, are herewith given through the courtesy of Secretary Wellhouse:

Horticultural Progress and Needs of Northwestern Kansas.

J. J. ALEXANDER, NORTON.

Our needs are so many and our territory so vast that it is rather difficult to outline them. The first and greatest need is more thorough work and greater care in the preparation of the soil before transplanting trees and shrubs. We must study and plan how to help nature, for she has done more for us than we appreciate.

While we are thinking of this great northwest, I ask you to look back with me if you please for 25 years, and see what the country was at that time. A vast desert plain with no trees to break the force of the wind or the intensity of the heat. Our present view shows what has been accomplished by the horticulturist and nature tamed by the hand of man under kindly climatic conditions. We now have good homes surrounded with al-

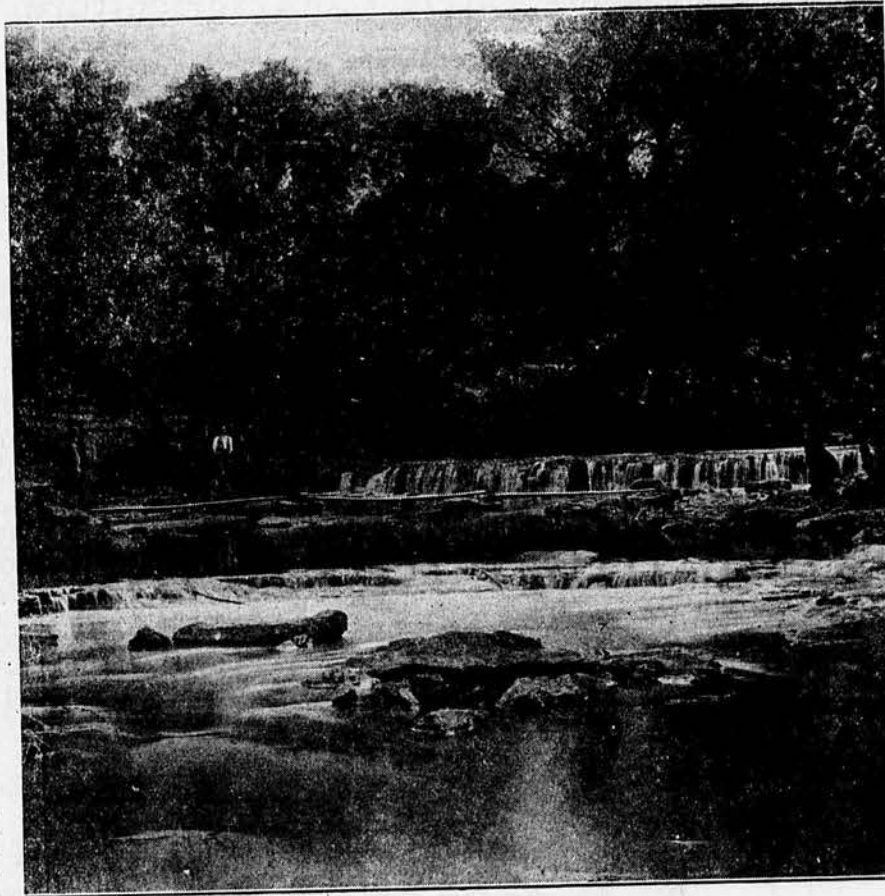
Fruit Producers Convene in Forty-third Annual Session

most all kinds of trees and shrubs that will grow in this latitude. Lack of fruit and flowers or slovenly homes are not necessary in this region where a rich soil and a suitable climate makes possible the growth of so many ornamental and useful plantations.

One of our crying needs is the lack of moisture during the growing season, yet I believe there is a possibility of overcoming this difficulty if the people would unite in plans for mastering the conditions. The farms in our section that are surrounded by beautiful shade trees and orchards and planted with shrubs and flowers, have not come of themselves, but only through the great efforts of the settlers who have done their best. Most people who have tried to make a home in the northwest have made a success, though many have failed. Some have tried repeatedly and some have be-

ging of the holes in the fall so that they may receive the beneficial action of snow and frost. The holes should be large and round so that all roots may be set in a natural position without cramping. After the trees are planted in the spring, the surface of the ground should be cultivated often, especially during a dry period, or as soon as possible after a heavy rainfall so that a soil mulch is created, the crust broken and moisture conserved.

The more we study the more we will learn what there is for us to do. Let us go on until the whole northwest shall bloom as the rose from early spring until late fall. I expect this in the near future, and am sure that our children if not ourselves will enjoy the benefits of our labors so that our efforts will not be lost. The good we do here will follow



Falls of the Whitewater river in Butler county, from which the famous Whitewater Falls Stock Farm, owned by J. C. Robison, Towanda, Kan., takes its name.

come discouraged at once. Those who keep on trying and learning are successful.

In attaining success we must know what to plant and how to plant it, and above all else we must know how to care for what we have planted. Our altitude is high and some things will not thrive there, but such as are adapted to our region will pay for the trouble and care expended upon them.

The man who does not study nature and do his part to assist her, will surely fail and then blame the country for his failure. We need more and better work in our orchards. We must keep them clear from weeds, and also keep the weeds down on the road sides and other lands adjacent to them. We must do a proper amount of pruning and keep the trees clear of all dead limbs and trash, and see that there remains no harbor for injurious insects in or about our orchards.

We shall have to spray our trees and make war on our enemies of all kinds. The codling moth has a great start in our orchards and spraying becomes especially necessary on this account. If we are ever on the alert and profit by our failures, we will succeed. It is encouraging to see what has been done in the way of building parks and beautiful home grounds in the northwest part of Kansas, and still greater things are expected. In setting trees a necessary part of the preparation of the ground is the dig-

after us and we can feel that we have made the world some better by our having lived in it.

Pears.

B. F. SMITH, LAWRENCE, KAN.

From the standpoint of the botanist, pears that are cultivated in this country for commerce, may be divided into two groups: The European, and the Oriental or native pears of Japan and China. Many varieties of the so-called European pears have originated in America, but of course, seedlings are from the pears of the European type. Examples of this are: The Seckel, Howell, Tyson, Class Favorite, Wilder and others. On the other hand, many varieties were imported directly from Europe, such as the Duchesse de Anguleme, Beure de Anjou, Louise bon de Jersey, and the Bartlett. From the standpoint of the commercial pear grower another classification is desirable, and for cultural purposes they may be divided into three groups: Dwarf, Standard and Oriental. The dwarf pears consist mainly of European varieties propagated on the quince roots. The best sort used for this purpose is a variety of quince called Angiers. In case of certain varieties especially the Duchesse, the fruit is improved in size, quality and quantity, when grown on the quince.

On the other hand, the Seckel is not so large or so good when propagated on the quince.

The Standard class of pears are European varieties, propagated on pear roots. The third or Oriental group is composed of those that are partly or wholly of Chinese or Japanese origin. Only a small part of the commercial pears are pure Oriental. Most of the commercial sorts in this group are half hybrids. The Kieffer is a cross between the Bartlett and the Chinese Sand pears. The Oriental blood, however, which is in them gives such a strong constitution, and makes them such vigorous growers, that they stand out distinctly from the European tribe.

These three types of pears must be kept continually in mind as their requirements are quite different. The range of the European pears is north and north-east, while the range of the Oriental is more southern. But they are grown quite successfully as far as the north line of Missouri and Kansas. However, from the fortieth parallel southward, pears of the Oriental group are the safest and most profitable to plant.

The principal dwarf pear orchards in the United States are in New York and New England. The Standard European pears are grown in the above mentioned district, but only as far south as the south line of Kansas, and in the mountainous region of Tennessee and Virginia. Pear experts are carrying on experiments in crossing Leconte and Kieffer with Seckel and Anjou and some other choice varieties.

LOCATION AND SOIL.

While pears may be grown on sites anywhere within the area outlined, certain localities are known to be especially favorable. Some very successful orchards may be found in the fruit belt of Michigan, and others in Illinois. They are also to be found in the states of Indiana, and Ohio, and in the mountainous regions of Tennessee and West Virginia.

Aside from the consideration of the soil and climate, nearness to market and transportation lines often determine the most desirable location for the pear orchard. Pears are not as exacting in this respect as peaches and some other fruits. They thrive on all exposures and slopes if the general region is adapted to them. The ideal soil for Dwarf and Standard pears is clay loam with porous clay subsoil. Oriental pears will grow and thrive on almost any soil that is not too wet. In fact the Oriental pear succeeds wherever the peach does well.

PLANNING THE ORCHARD.

The matter of planning the orchard requires skill and foresight. One must not only decide on varieties but the importance of each kind, distance apart, and the time of ripening the fruit so that it can be marketed at the proper time and with reasonable convenience with the facilities at hand. Dwarf pears should be planted from twelve to fifteen feet apart in rows sixteen feet apart. Standard pears in rows twenty-five feet apart, and in the rows twenty-two feet apart.

Oriental pears should have more room as they are greater feeders. Then they require an abundance of sunshine to give them the pinkish beauty that makes the fruit so attractive on the fruit stand. They should be set twenty-five feet apart in rows thirty feet apart.

In Kansas the preparation of the soil is simply to plow deeply as farmers do for corn or potatoes. Pears will do well on soil that has been used for a truck garden previous to the year of planting.

CULTIVATION.

During the first two or three years the young orchard may be planted in some kind of truck crops that require more hoeing than plowing. The soil should be stirred tenderly around the tree and if a plow or cultivator is used it must be done very shallow. No plant or vegetable seed should be planted nearer than eighteen to twenty inches of the tree as pears need mulching near the trees late in the summer season with old straw or any new mown grass or weeds. Cultivation should be discontinued after the fourth year around the trees except to mow or chop out weed growth. Clover or cow peas

may be sown in the spaces between the rows, but not nearer than five feet.

Owing to the prevalence of pear blight in all our midwestern country, it is absolutely necessary to cease cultivating the soil near the trees in a young orchard after the fourth year.

This writer knows by actual experiment, having lost a pear orchard of about three thousand trees by continual cultivation every year until the orchard was eighty years old. Clover seed may be sown about the sixth year. This should be mowed off twice or three times a year.

FERTILIZATION.

After the young orchard has borne two or three good crops of fruit, the trees should have an application of some sort of fertilizer to restore their vitality. Good barnyard manure is the cheapest and is better for Kansas soil than any of the expensive commercial fertilizers. A half wheelbarrow load, or say half a dozen forks of manure will be a good feed for the pear tree. Many well to do farmers overlook the matter of fertilizing their fruit bearing trees until they actually starve to death for the want of the necessary food to preserve life and vigor to enable them to bear marketable fruit. It is easily told when a tree is starving by the size of the leaves and the fruit. In this respect, the Dwarf pear is much more exacting than the standard or Oriental pear. The Dwarf requires high manuring. Fertilizers must be applied close to the base and roots, as the quince roots, do not spread out like the roots of the Standard pear. Of course the Standard will respond to good fertilization as their root system is wide spread and deep. However, they do not feel the necessity of plant food as the Dwarfs do. As before noted, five or six forks full will do for two crops of fruit. The fear of pear blight has caused a few pear growers to abandon fertilization, and hence their orchards have been kept in a half starved condition. There is not near the danger from fertilization that there is from plowing and digging around the trees. If a pear tree has escaped from blight until it is eleven or twelve years old it may live to a good old age if it is fertilized every two or three years.

This matter of fertilization will apply to all orchard trees.

PRUNING.

There is no branch of orchard fruit growing as much neglected as the pear orchard. Especially in farming communities, the natural form is the ideal of many farmers. In France, great attention is given to pruning. We American people lop off a limb here and there. We are in too much haste, and think it a waste of time. There are two types of pruning pear trees: the pyramid form and the vase form. The pyramid form is best for all dwarf pear trees. The vase form is better adapted to the Oriental and all Standard varieties. There are no rules for the natural form. Its advocates think that nature knows best.

The pyramidal form is the easiest form, because it conforms to the natural tendency of the tree. When the tree is taken from the nursery and is ready for planting, it should be trimmed to a straight stick from 2½ to 3 feet long then, when buds start to grow, cut off all buds below a mark 12 or 14 inches from the ground. Then let the branches grow at will the first year. The second year, cut out branches where they are too near together, and cut back those that have grown too long the first year.

During this year's growth pinch back branches that grow too rapidly, so the young tree can be kept symmetrical in shape; then thin out wherever branches seem to close together. In topping, the outer branches to make them spread out wider, leave outer bud on the outer branch below the cut. By close attention, the orchardist can have a beautiful, symmetrical ornamental tree in the orchard or on the lawn.

The vase form of the tree where planted in the orchard should be pruned to a cane 22 or 25 inches high. This straight stick will throw out a number or shoots the first year. When the new growth is about 8 to 10 inches long, then is the time to select the main limbs for the future tree. The second year's growth needs special attention during the growing season.

Leading branches must be held in check to keep the young tree well balanced, and the inside branches thinned out. The third year; a few of the leaders may be cut back to make it widen out. The fourth year's training should be in line of the beginning; that is, give it the proper treatment to build and grow a profitable fruit bearing tree or, in other words, in pear tree pruning, we should try to develop the top as much as possible. The tree carrying the necessary amount of foliage and the greater number of properly balanced

fruit bearing branches is the ideal sought for by pear growers.

Our time and space does not allow me to go into details about what to do in case an orchard is struck with blight. I will mention the latest remedy that has, or is being tried by a few amateurs in pear culture: that is to spray during the latter part of winter and spring with strong solution of salt water and where a branch has started to blight, cut it off and bathe the limb with strong salt water during the growing season.

THE KANSAS STATE BEE KEEPERS' ASSOCIATION.

On Tuesday afternoon of last week, the Kansas State Bee Keepers' Association began its annual meeting in Topeka. The opening session was held in a hotel parlor but the attendance grew so rapidly that a change was made to the Commercial club rooms. Considerable business was transacted and the following officers were re-elected for the ensuing year: President, P. R. Hobbie, Dodge City; Vice-President Mrs. J. D. Smith, Troy; Secretary-Treasurer, O. A. Keene, Topeka.

After the close of the business session on Wednesday evening the members participated in a honey banquet which was pronounced the best that was ever given in Topeka.

There is a large and growing interest in bee culture in Kansas and the business has many ardent champions from all parts of the state and especially in those sections where alfalfa is a prominent crop. All alfalfa farmers know that it is impossible to grow that peerless crop without the aid of bees in fertilization and many of them want the bees for their crop of honey as well.

Success with bees, however, may not be had without work and care and intelligence any more than in any other business. In one of the best papers presented at the meeting Mr. E. Davidson of Garden City gave valuable advice that is of worth both to the amateur and the master. He said:

"The fact that people expect easy money causes many of them to fail in beekeeping, and this injures the industry.

"The amateur who is thinking of going into the bee business as a profession must first make up his mind to learn the business before he is competent to make it a success. There isn't one person in a hundred who starts out to keep bees and succeeds. The reason of this is they think there is nothing or very little to be learned, and that all they have to do is to get a few bees and the bees will do the rest.

"It takes years of reading after the masters, and at the same time practical work in the apiary. Reading and what you hear from others are only theory but going into the bees yard and working with them is the practical part of it. Theory and practice go hand in hand.

"If a person is a student and likes the business it will then take several years to get bees enough so that he can turn his whole attention to it, if he only adds to his apiary as he is competent to handle them to profit.

"Location is one of the important things to be taken into account. The expert beekeeper may fail if his location is poor. There are many good locations yet unoccupied. Never go into the country that other good beekeepers failed in. If you find a place that others have succeeded with a large number of bees, you may take it for granted that what others have done you can do also, if you have the qualifications. Good locations are more plentiful than good beekeepers. Good beekeepers are few and far between—if you judge them by their fruits. Location has much to do with the fruit of the apiary, but not all. Much depends on the skill that is put into the management of the business.

"Market is an important factor which must be taken into consideration. I may say that there is no end to the market, but much depends on the distance you have to send your product to market. Build up your trade by fair and honest dealing. Nothing helps a man in business so

much as a pleased customer. A pleased customer will always return and bring others with him. Produce a good article, be careful in grading, give a little rather than take a little. Advertise your business in every way possible.

"If I were looking up a location, I would first inquire into the kind and quality as well as the quantity of honey that could be produced. I think that some of our honey dew men will feel the full force of this suggestion.

"The beekeeper must decide for himself the number of colonies that can be kept in one yard. The experienced person will not be long in deciding that matter correctly. The cost of handling bees so that one can make a good living out of them is no small matter. I would say that \$1,500 would be a very conservative estimate, and with that a year's work for one crop of honey. If that falls you have to do like the farmer that loses his grain, grin and bear it."

Bee men have their troubles as well as other people and the disease known as "foul brood" is one of the worst. In discussing this disease Dr. G. Bohrer of Lyons, who is one of the oldest and best known authorities on bees in the state, gave some useful information.

"We know that foul brood is a living organism," said Dr. Bohrer, "We know that it lives in honey and that it multiplies rapidly. It is fed to the young bees in the honey and causes certain death. There is no drug that checks it, no poison which counteracts it, that we have been able to find. We know nothing of the remote cause of foul brood. We know that it is usually traceable to importation, that it is often brought here by queens which are imported. It spreads quickly from one colony to another and the industry is threatened by its spread.

"Foul brood is gaining ground so rapidly in Illinois that the bee keeping industry is threatened by it. And the bee keeping industry in Illinois is the greatest in the country. There is, however, no doubt that the industry will be destroyed if something is not done soon.

"The symptoms are easily noted. Bees become discouraged. They act a good deal like members of the human family where there is smallpox. Your bees may be working well one week and the next be doing nothing. Then you should begin your search for evidences of the foul brood.

"It is not necessary in all cases to destroy the hive. It can be disinfected by burning gasoline in it. Legislation and treatment by experts is the only manner in which the disease can be eradicated. This treatment should be given only when the honey is in the flow. The clothing should be changed and the hair shampooed after handling a colony of diseased bees, as the germs are found on the clothing.

"I have examined many foul brood laws," he said, "and have not yet found one that exactly suits me. I think we were in a fair way to do some good here last winter but the senate did not get to our bill. We want to go right on fighting, however. We want the law so changed that in counties where there are not 25 bee keepers the bee inspector from the nearest county may have jurisdiction. We want the pay for a bee inspector raised from \$2 to \$3 per day. No man who is competent will work for \$2 per day. We want to get the best men we can after this disease and stamp it out."

Other matters pertaining to bees and their management will appear in the KANSAS FARMER later.

Now, I have not experimented any along this line of treatment, myself, but I saw, the past season, trees that had been seriously damaged by blight, that had received above treatment and were growing nicely.

MARKETING PEARS.

Methods used for marketing pears vary according to the parts of the country where they are raised. In the east, where they are more generally cultivated the growers ship them to the great markets, in barrels, half barrels and bushel baskets. In Oregon and California they pick and pack them in fifty pound boxes wrapped in paper, in neatly made boxes. They ship in car-load lots to New York and Boston, or perhaps to London, England. Our markets hereabouts are Kansas and Missouri cities, which are never over stocked unless perchance a California shipper runs in a few cars loads to Topeka or Kansas City. However, they are not giving us the trouble they did ten or fifteen years ago. Our old pear orchards that were planted along in the seventies with Bartletts, Seckels, etc., are about all gone, so we shall not have enough of them to supply Topeka and Lawrence until new orchards are planted and not many of those choice varieties, like the Seckel, Bartlett, Howell, Anjou and Duchess, are being planted. The best commercial pear the Kiefer, is now coming into more favor in this state and Missouri. We were more than twenty years in finding out its real worth. For a long time, we could not get consumers to even try to use it, because we did not know how to ripen it, and put it into marketable condition.

TIME TO PICK PEARS.

One important point for the pear grower to determine, is the exact time to pick the fruit. Very few pears are at their best if allowed to ripen on the tree. Some sorts, if allowed to ripen in the tree become musty at the core, while if they had been picked when full and hard, and placed in doors or in the cellar, they would have been rich and juicy.

In this latitude, the Bartlett is ready to pick from the 18th to the 25th of August. In a few days after picking, they will turn yellow, then they should go to the market at once.

The Howell is next to ripen, and should be picked about the first of September, and, as it naturally is a light yellow color, they can be put on the market from the tree. Sheldon and Duchess should be gathered about the middle of September. The Seckel must be left on the tree until ripe, which is from the first to 10th September. The upper limbs that are more exposed to the sun should be picked first. The Beure d' Anjou may be picked from the 20th to the 25th of September. And, the Kiefer about the first of October. They should be stored in some dark cellar or storage room until they are well colored before marketing.

This writer has had the best success packing them in barrels when they are to be shipped, or, if sold in the home market, in the half bushel drop handle basket.

Now, there are seasons when spring begins ten days earlier or ten days later than the average, in which case, picking should be done in accordance with the varying season, a little earlier or a little later than the time of ripening given above.

There should be two pickings of the Kiefer, as the upper limbs exposed to the sun ripen before the lower and more shaded branches do. Were I going to plant another pear orchard of 3000 trees, I would plant more Kiefer and Seckel an any other variety. The Seckel stands at the top for excellent quality, and the Kiefer is my choice for commercial traffic. The Seckels are growing scarce every year for none scarcely are being planted in the west, and the old trees are dying by the hundreds in Missouri and Kansas. By all means, plant the Standard Seckel, Howell, Sheldon, and Beure d' Anjou. But the Duchess does best grown as a dwarf on the quince stock. No farmer should neglect planting a few pear trees of several varieties, and every commercial fruit grower should at least have a small pear orchard, and should also patronize the introducers of new orchards, apples, pears, plums, etc., and ard thus give experimenters encouragement in the new fruit production.



KANSAS FARMER

EDITORIAL



When a man is unable to do a thing very well himself he becomes a knocker on the men who can do it.

If a thing is good enough to imitate it is good enough to buy. Don't be satisfied with things that are "just as good."

Buy at wholesale and sell at retail. The more middlemen the less profit for the producer. One cannot always control the situation but he may be able to buy or sell through but few middlemen.

There is quite a little bunch of money to be made by the farmer boys during their vacation periods in the winter in trapping. Skunk, mink, muskrat, and racoons are common in many parts of the state and their destruction by trapping will serve to bring in a little ready money, to rid the premises of destructive or offensive animals, to afford some good healthy sport and to teach the boy a lot about his wild neighbors which even most men do not know.

Prof. L. E. Sayre, dean of the School of Pharmacy of the University of Kansas, has been asked to deliver a series of lectures on the loco weed, of which he has made studies covering a period of more than twenty years. Professor Sayre hopes that means may be discovered by which the poisonous effects of this weed may be counteracted—indeed, he finds that the nutritive qualities of this plant are so great that if by some method of curing, the harmful elements could be eliminated, there would be available an important source of food supply for the stock of the plains.

Col. J. G. Harbord of Manila, P. I., is another alumnus of the Kansas State Agricultural College who has made good. Col. Harbord graduated in the class of 1886, which was the jumbo class, at that time, and was an instructor in the college for some time thereafter. Later he entered the army and is now Assistant Chief of Constabulary of the Philippine Islands with the rank and pay of Colonel and a command of 5000 men. Col. Harbord is now on leave in this country after 8 years of service in the islands and freely expresses himself as being of the opinion that the Philippines will prove as profitable an investment for Uncle Sam as has been the territory of Alaska.

Cream from Canada is being made into butter in the United States. Does it not seem strange that the farmers of this country could profitably produce such cream as is required for any purpose? Can the farmers of any country produce cream cheaper than those of the United States? Not if ours make the same intelligent attempt as the farmers of other countries. The importing of cream from Canada is made possible by reason of the lower duty charged under the new tariff law for fat in cream than for fat in butter. The duty on cream, under the new schedule, is 5 cents per gallon, which, in the case of very heavy cream would amount to but little over 1 cent a pound for butter made from such cream, while the duty on butter is six cents a pound.

Too many dairymen are trying to make money by milking cows which give sky-blue milk, and very little of it, and are surprised that the scheme does not work out to their satisfaction. A profitable dairy cow is a machine for turning well-balanced rations into milk and butterfat. A cow which puts the fat on her ribs, instead of putting it into her milk, is not, and cannot be, a profitable dairy cow. There is another class of cows which will not put fat on their ribs nor into their milk. Many of these are kept for dairy purposes, when their proper place is the cannery. They have no place on any kind of a farm, much less, on a dairy farm.

The domestic commerce of the United States is something marvelous, it is greater than all the commerce on all the seas of the world. And there seems to be no limit to its growth. But there is one weak spot in

With which is combined FARMERS ADVOCATE. Established 1877.
Published Weekly at 625 Jackson street, Topeka, Kansas, by The Kansas Farmer Company.
ALBERT T. REID, President. S. H. PITCHER, Secretary.
J. R. MULVANE, Treasurer.
T. A. BORMAN, L. D. GRAHAM, Editors.
Chicago Office—First National Bank Building, Geo. W. Herbert, Manager.
New York Office—41 Park Row, Wallace C. Richardson, Inc., Manager.
Entered at the Topeka, Kansas, postoffice as second class matter.

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

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

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

our commercial and industrial system. We export too much raw material. Leaving out the item of raw cotton, the United States imports about four times as much manufacturing material and manufactured articles as it exports. It is poor policy to send crude material abroad to be brought back as a manufactured product. It robs American labor of its opportunity, and decreases the home market for products of the farm. It is obviously more profitable to supply a home than a foreign market.

Word comes that Secretary Geo. B. Ellis of the Missouri State Board of Agriculture has resigned to take effect on March 1, 1910. This will be regretted by all friends of progressive agriculture as Secretary Ellis has made a wonderful record in advancing the agricultural and live stock interests of Missouri in his nine years of service. Greater regret will be felt when it is known that Secretary Ellis was compelled to take this action because of failing health. President H. J. Waters of the Kansas State Agricultural College was president of this Board at the time of his election to his present position. The Missouri Board has thus lost two of its strongest men.

Do you ever get dissatisfied with the grind of farm life and feel that you have developed a big grouch? If so just think what the city man has to endure in seeing the same bare pavements, the same rows of houses, the same telephone poles every day and hear the same rumble of wagons over the pavements, the same rush and roar of the street cars and the thousand other street noises that last far into the night. That might help some but a better way would be to fix up the old place so yourself and family can have all of the comforts of the city resident with none of the disagreeable features. Cement walks, a good water system with bath room, a furnace, acetylene lights, a neat fence or hedge and a dragged road towards town are a few things where money and thought may be expended and bring big returns. These are not expense items. They are good, solid, paying investments.

A BEE INSPECTOR FOR SHAWNEE COUNTY.

Under the session laws of 1905 provision was made for the appointment of an official bee inspector in certain counties of the state and under conditions named in the law. This official has police powers with authority to destroy colonies that are affected with foul brood and other infections or contagious diseases. Acting under this law the County Commissioners have appointed J. P. Lucas to the position of bee inspector. This is a most fortunate selection as there are few men more capable, both from knowledge and experience to serve in

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

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

KANSAS FARMER COMPANY,
Topeka, Kansas.

this capacity. Any county may have an official bee inspector on petition to the Commissioners of 25 or more bee keepers residing therein.

THE SPREADING USE OF CONCRETE.

It has been a matter of surprise with competing interests to note the rapid growth of the concrete industry. They profess not to understand how concrete has come into such universal use in comparatively few years. The explanation is simple, however, when we consider the relation of cement to other industries. For example, there has been a rapid decline in the lime industry. While the superior character of cement mortar is directly responsible for the substitutions of cement for lime, the demand for cement comes from the bricklayers, whose industry would be put at serious disadvantage were it not for Portland cement. Thus, while attempting to restrict the use of cement in the form of concrete, we find the brick industry largely, if not exclusively, dependent upon cement for best results in the use of its own material. Cement as mortar not only becomes an integral part of a structure, but has been happily combined with the clay products in many other ways. For example, in the construction of the Metropolitan Life Building, San Francisco, designed with special reference to fire and earthquake resistance, we find walls of solid concrete faced with terra cotta. There is a large demand for brick and terra cotta for facing buildings of this class, the builders having confidence in reinforced concrete as a fire-resisting material. So far as the brickmakers are concerned, they have even gone to the point of constructing foundations and other features of their brick plants with concrete.

GET GOOD SEED CORN.

Several of the Kansas Farmer readers are already inquiring about seed corn. They ask as to varieties, quality and where to purchase. The work of the Kansas Corn Breeders' Association, the National Corn Exposition, the boys corn contests that are organized in almost every Kansas county, the experiment stations, corn trains and the farm papers has had a tremendous effect on the minds of the farmers. They now believe in seed breeding and selection and are determined to have the best.

Why should a farmer who expects to make money on his corn crop, handicap himself by buying or selecting inferior seed? Poor seed brings poor crops in at least two ways. The grains do not germinate and one or more replantings is necessary and the quality of the crop is sure to be poor if grown from poor seed. The high price of corn is sure to result in an increased acreage next season and the problem which now confronts the farmer is that of getting seed

corn in sufficient quantity and of good quality with which to plant his larger acreage. The freezing weather which came upon the corn belt states in October did a vast amount of damage in the injury or destruction of the germ and ordinary corn taken from the crib is not likely to be of any value as seed. Certain sections have been favored by weather conditions and from these other sections must secure their seed corn. The serious question is as to whether there will not be a shortage. Meantime, those farmers and seedsmen who have seed corn for sale should test it before offering it for sale. It is predicted that those who have good seed corn for sale will reap a harvest of dollars if they let it be known that they can supply, in part at least, what is sure to be an extraordinary demand

OPPORTUNITIES IN STOCK BREEDING.

While it is perhaps never wise for a breeder to change breeds there are many opportunities for the new breeder which are not open to the old without loss. The wide-awake young farmer casts about him for an opportunity in live stock breeding and his first look is apt to appear a little discouraging because the field seems to be already so well occupied. This is not true as there never will come a time when the breeding of good live stock is overdone or when pure bred stock will not sell more readily and for a better price than the scrub. However, the opportunities for a young breeder do not seem so good in a community that is already well supplied with breeders of beef cattle or hogs, for instance. If this be so there are other fields. Take sheep for illustration. No state within the writers knowledge is so well adapted with cheap feed, abundant pasture, mild climate and good market for the raising of sheep as is Kansas. Breeders and feeders of sheep in other states can hardly supply the demand and they are making money. Why does not the Kansas breeder do the same?

There, too, is dairy cattle for which there is such a constant and steady demand. It does not matter particularly which breed you select, you can sell the product and the increase at very remunerative prices. In fact, you can ask almost any price for good dairy stock and get it.

And then there is the jack and mule business which can never be overdone and which offers a most promising field. Mules hold their prices better and with less variation than do any other farm animals. Mules are the surest things in the breeding business.

Perhaps there are other fields of opportunity that are attractive but none that are so insistent in their demands at this time as those named.

MONEY IN MULES.

Mules have always been good property but of late they have grown better each year. In the motive power of the farm there is nothing better than the mule and he has many other uses as well. Mules have won a bad reputation chiefly, as we believe, because of the activities of the funny men in the newspapers but this is not deserved. Mules have a bad reputation as kickers which is also not deserved. A mule born of kicking parents will be likely to inherit this disposition but so would a colt. On the other hand, the mule is one of the "smartest" of farm animals. He knows how to take care of himself and because of this he will outlast two horses at hard and continuous work. For this reason he is in demand by large construction companies for the street, the cotton field, the lodging camps, the mines.

The mule will not overeat nor over-drink. When very tired he never eats or drinks until he rests. If he is overburdened he stops though this does not often happen. He is of a quiet disposition and takes things easily. He is not nervous and does not wear him self out. He is not subject to many diseases and disorders that affect the horse and he frequently knows more about his work than does his driver.

The modern mule dealer classifies his stock and appraises their worth

almost at a glance. The highest priced mule is the wagon mule or "advertiser." He is a big, well shaped fellow, matched to his team mate, and attractive. He commands a fancy price because he attracts attention in any company and advertises his owner as well as does his work. Other mules are classified according to the work for which they are best fitted. Cotton mules, mine mules, sugar mules, rice mules, graders, mules and so on down the line.

In raising mules for sale two things must be considered. The sire must be a big jack with plenty of bone, good style and action and of the type needed in the kind of mule you want to raise. The dam should be a good draft mare if a draft mule is wanted or a standard bred or other type of light, quick moving animal if a road mule is desired. Some of the handsomest, quickest gaited, fastest walking teams the writer ever saw were mules. They make splendid buggy teams.

A good jack can be bought for less money, sometimes, than a good stallion and there is no farm animal for which the demand is so constant and the prices so unvaryingly good as the mule.

RURAL DELIVERY AND POSTAL DEFICIT.

Numerous times KANSAS FARMER has called the attention of patrons of free rural delivery routes to the necessity of maintaining in good repair the roads over which these mail routes operate. Time and again the postal department has signified its intention of cutting off such routes as are operated over poor roads and while no advice has been received regarding the discontinuance of any considerable number of free rural delivery routes. It is fair to presume that in the very near future only such routes will be operated as serve the required number of patrons and over which traveling can be expedited to the greatest possible extent.

The Taft administration began its operation of the postal department with a deficit of \$17,479,770 and which was the largest deficit in the history of the postal service. It is well understood that President Taft's policy is one of retrenchment in the administration governmental affairs, and while investigating the cause of the tremendous deficits in other departments, the postal service has not been overlooked. Figures reported so far show that the loss from rural delivery, a service begun hardly a dozen years ago and of unprecedented growth, reaches as high at \$28,000,000. The loss on second-class mail matter has been increasing for many years. Until it now amounts to \$64,000,000. In these two items alone the postal service now suffers an annual loss of more than the entire national deficit of the last fiscal year.

While the two items mentioned represent postal activities that have undoubtedly conferred great benefits on the public benefits that should not be minimized in the treatment of this subject for solution. The rural route patron in many instances, and in practically every instance which has come under this editor's eye, is not fostering rural delivery of mail to the extent that it may become permanent. The patron should do everything he can to make and keep the road good. His personal supervision of the road condition on his own road will help much. Farther than this a general interest in good roads and movements and the demand for and support of, wholesome legislation and the wise expenditure of public funds for road work will bring about a condition of roads which will insure the continuance of rural free delivery of mail.

Better roads would in many cases make possible the consolidation of two routes of the present into one thereby cutting in two the expense of present operation. But, good roads are not alone of importance for the delivery of mail. A good road is used daily by the farmer for other hauling. The expense of delivery of grain to market can be reduced materially. Land values increase as roads improve. There are other good reasons for spending time and money for better roads.

More Money Paid out for Live Stock at Kansas City in 1909 Than in any Previous Year.

Cattle receipts at the Stock Yards at Kansas City during the year 1909

were nearly two hundred thousand head greater than in 1908, calf and sheep receipts were the heaviest on record, and while hog receipts fell off about six hundred thousand head from receipts of the previous year, it was due to legitimate causes, and was a moderate loss when it is considered that the shortage of hogs at the five leading markets of the country this year was almost three million head. Receipts of horses and mules were larger in 1909 than in any year since 1902.

Packing operations at Kansas City in 1909 exceeded those of any previous year in cattle, calves and sheep, and were up to the limit of the supply in hogs. A total of more than six million animals were slaughtered in the plants at Kansas City during the year. Order buyers for Eastern slaughterers were unusually active all year, and more than three quarters of a million head of stock and feeding cattle were bought here and shipped to the farms and pastures of every state in the corn belt during 1909. As a result of this unprecedented competition for all classes of live stock at Kansas City, prices have been most satisfactory to shippers all year, and a good part of the time there has been less stock offered on the market than the demand called for. Weekly cattle supplies running from eighty to ninety thousand head during September and October were cleaned up in good shape at the close of each week, and the market actually advanced from week to week in spite of the big runs. Hogs touched \$8.37½ in September, and \$8.50 in November and \$8.60 in December, highest prices for hogs since the war, with the exception of a short period in 1882. Prime beef steers sold at ten and a quarter cents per pound in October, and at ten and a half in December, highest prices ever paid for live cattle on the open market, and cattle from the range country this fall have netted three to six dollars per head more at Kansas City than ever before. Sheep and lambs have sold at unprecedented figures all the year, and packer buyers here had to scramble to get a sufficient number to decently fill their orders, while country buyers were unable to secure enough feeding and breeding animals at any time during the year. Horses and mules sold at highest prices in any recent year, notwithstanding strong competition in some of their former fields of usefulness in the way of the various kinds of motors now in use. The total value of all the live stock marketed at Kansas City in 1909, on the hoof, was more than one hundred and sixty-five million dollars, an increase of 12 per cent above the greatest previous year, which was 1908.

During the year 1909 eleven acres of brick horse barns were torn down and removed, and cattle pens built on the space vacated, making room for 300 additional car loads of cattle. The capacity of the quarantine cattle division was doubled during the year, and a new sheep barn was built, accommodating 15,000 sheep and lambs in addition to the former capacity. Other extensive improvements were made or inaugurated, among them the erection of a nine story fireproof Live Stock Exchange Building, which will be the finest building for this purpose in the world, 125 by 250 feet in size, containing 475 offices, which will be completed in October, 1910.

The cow always does her best on June grass. The use of the silo makes June conditions all the year round and give you the added advantage of being able to save your entire corn crop instead of wasting 40 per cent of it as is now done by leaving the stalks and leaves in the field.

Our Farm Library Offer.

On page five of this issue of the KANSAS FARMER appears without any exception the greatest clubbing offer ever made to readers of KANSAS FARMER. Six of the best publications in the United States and one of the most practical and interesting books published are offered you for only \$1.50. Show this offer to your friends and neighbors and if you will send along with your own subscription one new subscription to this combination we will send you a valuable premium for your trouble. Address all orders Circulation Department KANSAS FARMER.

The Best is None Too Good. We have often wondered why it is

OUR GREAT FARM LIBRARY SUBSCRIPTION OFFER

THE BARGAIN OFFER A LIFETIME ONLY HALF A DOLLAR

Add Only Fifty Cents

to your remittance to the Kansas Farmer and get the following great group of papers and books:

One Copy of the Pig Feeder's Manual,

a book of intensely practical instruction on feeds and feeding of hogs for profit. Contains 31 chapters, every one of them giving important information to every owner of hogs. We can consistently recommend this book as the best concise work published on the feeding and handling of hogs. It is endorsed by the best men in the business.

One Year's Subscription to the American Swineherd.

The Swineherd has been established 25 years, and is devoted especially to the swine industry. The best hog raiser acknowledges that there are many things he don't know that he ought to know. He wants to keep in touch with what the other fellow is doing. In no way can you get as much valuable information as from the book mentioned above and a year's subscription to the American Swineherd.

One Year's Subscription to Kimball's Dairy Farmer,

now recognized everywhere as a national dairy magazine. Every man who milks cows should have this handsomely printed semi-monthly dairy magazine. The merits of Kimball's Dairy Farmer are too well known to need further comment.

One Year's Subscription to the Western Poultry Journal,

the leading poultry paper in the great middle west. Everybody raises some poultry, and with the present high market price of poultry and eggs, it is a very important industry. There is no better poultry paper than the Western Poultry Journal.

One Year's Subscription to the Fruitman and Gardener.

There are over five million acres of bearing apple and pear trees in the United States, and the acreage of plums, cherries and berries is many times that of apples and pears. There are nearly three and one-half million acres of grapes in the United States. These figures give some idea of the immensity of the fruit industry in our country. The Fruitman and Gardener gives the man who has a large or small orchard just such special information as he needs. The information on the spray proposition is alone worth many dollars to any farmer or fruit grower.

One Year's Subscription to the People's Popular Monthly,

a high grade home magazine, printed on first-class paper, with colored cover and illustrations. The People's Popular Monthly is not a cheap, trashy magazine. It is a clean publication for the home, with good wholesome reading matter and stories, and contains no medical, whisky or fake advertising. You will like it.

This Great Group of Papers and Books,

together with the Kansas Farmer, will give you a wealth of reading matter covering every branch of the farming industry, as well as interesting articles on practically every subject of importance along other lines. If you are already a subscriber to any of these papers your subscription will be extended one full year from expiration.

You Must Subscribe for the Kansas Farmer

in order to get the benefit of this offer, or if already a subscriber a remittance for a renewal of your subscription to the Kansas Farmer at our regular rates of \$1.00 for one year, \$1.50 for two years or \$2.00 for three years must accompany your remittance for this combination. Send your order today. Simply state you wish the Farm Library list of magazines, and add 50 cents to your remittance at above rates.—Address,

Subscription Dept., Kansas Farmer

Topeka, Kansas.

that some implement dealers persuade the farmer to purchase implements of inferior quality. There is only one logical reason for this, and that is that the dealer makes a larger profit on the inferior article. It is of vital importance to purchase a grain drill of known merit. Just think for a moment what a poor drill can do for the farmer. It will put in his crop in such poor shape as to invite failure, and thereby lessen his profits. In short he virtually works for nothing. Buy a grain drill of a well known make—a drill that will do your work right—a drill that will sow all known seeds and grasses and that will successfully handle all brands of commercial fertilizers, no matter how difficult to sow, and by all means get a drill that will enable

you to re-seed sod land in the right way. We have in mind the Farmers' Favorite, made by the American Seeding-Machine Co., incorporated, Springfield, Ohio, and we advise our readers to write to them for their Farmers' Favorite catalog; also go to your local dealer and ask to see this drill. If you want a good crop the way to get it is to plant it right. When you put in your seed any old time, and in any old way, you shake hands with that enemy of all mankind—Failure.

The Top Price for Corn.
Prof. E. E. Faville, formerly professor of horticulture in the Kansas Agricultural College and now editor of Successful Farming, claims the distinction of having paid the highest price ever paid for corn. At the recent National Corn Show at Omaha, Prof. Faville paid \$335 for 10 ears of prize corn or at the rate of \$2,345 per bushel. That's going some.

LIVE STOCK



The condition of the live stock reflects the ability of the owner. When animals are in good condition and have good appetites their owner knows his business.

The pure bred beef animal is not only more efficient than the scrub as a meat producer but he puts the meat on in the high priced cuts. Experiments prove that the pure bred will put on at least 20 per cent more meat in a given time than will the scrub and this gives him an additional value for baby beef.

Keep the horses in condition during the cold months. It is simply barbarous to let a horse run down during the winter and then put him at hard spring work when he is soft. Give the horse plenty of exercise and be careful about overfeeding in winter. Don't forget that the currycomb and brush are just as valuable now as in the summer.

J. H. Mercer, Live Stock Sanitary Commissioner of Kansas has made his annual report in which he shows that his department has inspected 150,000 head of cattle during the past year. He says that Kansas has been remarkably free from Texas fever during this period and that the only outbreaks are traceable to cattle that were liberated from the cars by railroad wrecks caused by washouts, under present national and state guarantee laws it is practically impossible for ticky cattle to get into Kansas.

Some Advantages of the Silo.

Prof. C. H. Eckles of the Missouri Experiment Station announces at least eight advantages to be gained by use of the silo.

1. Silage keeps young stock thrifty and growing all winter.
2. It produces fat beef more cheaply than does dry feed.
3. It enables cows to produce milk and butter more economically.
4. Silage is more conveniently handled than dry fodder.
5. The silo prevents waste of corn stalks in the manure when silage is fed.
6. The silo will make palatable food of stuff that would not otherwise be eaten.
7. It enables the farmer to preserve food which matures at a rainy time of the year, when drying would be next to impossible.
8. It is the most economical method of supplying food for the

JACKS

I have on hand a large collection of the best stallions the world produces. I have the best line of big boned, dapple gray and black, ton stallions that can be shown in the United States this season. These stallions measure from twelve to fourteen inches below the gambles and from eleven to thirteen inches below the knees and carry corresponding quality. They run in weights from 1,800 to 2,630 pounds each. I am offering greater attractions in stallions than any other importer. Prices the lowest. I have also forty big imported mares, all in foal, for sale.

W. L. DECLAW,
Cedar Rapids Importing Farm,
Cedar Rapids, Iowa.

H. & H. WOLF and DAVID COOPER

Imported and Home Bred Belgian Stallions.
Branch barn of H. & H. Wolf, Wabash, Ind.

The same terms and insurance will be given at Freeport, Kan., as at Wabash, Ind. Several extra good two, three and four year old stallions, one that weighs a ton and ten pounds at 27 months old. All are good individuals, guaranteed as represented. Priced reasonable. Write or call and see me.

DAVID COOPER,
Mgr.,
Freeport, Harper County, Kan.

VETERINARY COURSE AT HOME
\$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. **ONTARIO VETERINARY CORRESPONDENCE SCHOOL**, Dept. 10, London, Canada.

stock during the hot, dry periods of summer, when the pasture is short.

Don't Change Breeds.

One of the most glaring cases of dissatisfaction that can be shown by any business man is that shown by the breeder who undertakes to change from one breed to another. Few men in other lines of business are able to make a change and succeed. It requires years of experience to attain a marked degree of success in any kind of work and especially in this true of the breeding business.

The dispersing of the old herd must be made at a sacrifice and the purchase of a new one is always expensive and here are two sources of loss at the beginning. Then, too, there is the necessity of learning the peculiarities of the new breed and this takes time and time is money. There is always money to be made in the breed you have and a desire to change may indicate that the whole trouble lies in the man and not in the breed.

Mercer Favors the Serum Treatment.

In speaking of hog cholera in Kansas State Sanitary Commissioner J. H. Mercer says that "no statistics are available showing the extent of hog cholera in Kansas. No statistics were ever taken on that matter. The only information I have on the subject is from the Kansas City packers and it is to the effect that fewer diseased hogs have gone to market from Kansas this year than in any previous year. When the information was given out last summer that the state live stock commissioner was preparing to try hog cholera serum man farmers over the state took notice and began writing in that they had afflicted herds. The more the matter was advertised the more I became aware that cholera existed in every section of the state. I made every effort to secure serum for all the afflicted herds, but was not successful. The government would only supply a limited amount and it sent one expert out to administer it. He vaccinated 27 different herds and the results were beyond our expectations. In no instance, save one, were there any more deaths from cholera. A post mortem examination of hogs which died in these herds before the serum was administered showed that the hogs had cholera."

Decrease in Hogs.

Receipts of hogs at eleven leading markets this year to December 9 were 4,929,000 head less than for the same period of 1908 and 1,325,000 less than for the same period of 1907. This season, from November 1 to December 8, Western slaughterers—those west of the Alleghany mountains—killed 1,095,000 fewer hogs than in the corresponding period of 1908. Stocks of lard at American and European centers totaled 90,000 tierces December against 158,000 on the same date of 1908 and were the lowest since 1892. Total stocks of cut meats at Western slaughtering centers December 1 were 92,848,000 lbs. against 187,420,000 lbs. at the same time last year. Demand has been good in spite of high prices and mild weather. These are the immediate reasons why packers are paying over \$8 per cwt. for hogs in December. And one cannot help wondering what has become of that absolute control of the market so many wise men credited to them. Just now light hogs and pigs are getting scarce. Feeders are keeping them at home to turn corn into cash, which is what they should have done all along. All over the country there is great interest in hog-raising, and production will naturally be stimulated. The South, a large buyer of hog meats, is agitating the question of a home supply of pork more vigorously than ever before. But with all this the day of the cheap hog has gone by. Corn, the stuff that makes hogs, will not be cheap any more—and hogs will not be produced unless they pay for their corn.

Winter-Feeding Calves.

In an attempt to find whether it pays to grain-feed steers that are to be carried over on the range another season or two the Colorado Experiment Station makes the following report on its experiments:

The first question to which an answer was sought, was whether it is profitable to winter-feed calves destined to be finished and sold as two-year-olds. Some of the calves fed during the winter were given a ration of four pounds per head of corn with all the alfalfa hay they wanted; while others were fed twenty pounds of sugar beets with alfalfa hay. These calves gained on the average 259 pounds per head during the winter—only 31 pounds less than they gained the next winter as yearlings. The fall that they were yearlings they weighed 140 pounds per head more than steers of the same crop. The fall that they were yearlings they weighed 39 pounds lighter than the steers brought from the range as yearlings. The gradual decrease in the margin between the two sets of steers indicates that the winter-feeding as calves hastened the steers to maturity and consequently lessened their capacity for gain each successive season at a rapid rate.

Another way to look at the question is to compare the gains made each year by the same lot of steers. The lot fed as calves made a gain of 400 pounds per head the first winter and succeeding summer the next year they made 352 pounds gain per head—already starting down hill, you notice—and the last winter they made a gain of only 223 pounds per head, or 36 pounds per head less than they made the winter they were calves.

Considering the year when they were one year old, they made a gain of 431 pounds, as against a gain of 285 pounds when two-year-olds. And the steers that were not fed until they were yearlings made a gain of 456 pounds the year that they were twos.

Thus, any way one wishes to look at the problem, the feeding of calves does not appear profitable if they are to be held over for finishing as aged steers.

Further results show that the yearling steer makes larger gains on less feed than the two-year-old.

A Memorable Hog Year.

In the annals of the swine industry 1909 will figure as perhaps the most eventful in the past half a century.

Unprecedented prices for hogs have been paid at the leading markets since January last. As the year draws to a close, and we indulge in a bit of retrospection, the sustained strength of the market and its stimulating influence upon the pure bred swine industry stand out as the most important features in the year's trade. Although fat hogs have sold at relatively much higher prices than breeding stock, the latter have in the majority of cases commanded profitable values, especially where superior animals have been offered.

Standards of excellence have been materially elevated. Buyers have become much more discriminating than they were a few years ago. Bloodlines still influence experienced breeders, and, to some extent, direct the purchases of beginners, but the sharp lookout that all classes of buyers have for good individuals has been more noticeable in the past twelve months than ever before. This is a gratifying sign of progress in the right direction, says the Berkshire World.

Although high prices drew thousands of hogs to the shambles which should have been retained for breeding purposes, we do not consider the shortage so marked as it has been described by superficial investigators. This is a big country, and it fairly squeals with hogs. Our swine population is much larger than statistics indicate. Nevertheless, a distinct impression has been made on the total supply, and there is no doubt whatever that it will require at least two years for the country to "catch up" with the normal flow.

Several factors have conspired to make the present year conspicuous in hog history. In the first place, pork is the most used, and therefore the most popular flesh food in the world. Our industrial population has in-

Every Medicine Shell
Should have the famous
Kendall's Spavin Cure
The great emergency remedy. Cures
Spavin, Rheumatism, Gout, Sprains,
Sprains, Lumbago, All Arterial Pain
It is \$1 a Bottle 6 for \$5.
Book, "Treatment of the Horse," free
DR. S. J. KENDALL CO.,
Keosauqua Falls, Va.

ABSORBINE
will reduce inflamed, swollen joints, Bruises, Soft Bunches, Cure Boils, Fists or any unhealthy sore quickly! Pleasant to use; does not blister under bandage or remove the hair, and you can work the horse. \$2 per bottle at dealers or delivered. Horse Book 7 D free.
ABSORBINE, JR. for mankin, \$1.00 per bottle. Reduces Varicose Veins, Varicocele, Hydrocele, Gout, Wounds, Strains, Bruises, stops Pain and inflammation.
W. F. YOUNG, P. D. F., 211 Temple St., Springfield, Mass.

HEALTH or GINGER?

Gyps can often cover up evidences of horse unsoundness—temporarily—by the use of dopes. A spirited horse may have more ginger than you suspect—more than it will have a few hours later. Then there are ways to cover up lameness, heaves, switching, which is often a bad vice in mares; muscle soreness—in fact, almost every blemish can be fixed so the man who is not trickwise will never suspect he is being cheated.

Dope is the magical remedy. How cures are made and scores of little-known tricks of horse trading worked are fully shown in

Horse Secrets

an expose of the tricks and dopes used by gyps and peddlers. It also discloses many secrets heretofore carefully guarded, and explains the methods of reputable horsemen.



Our offer: "Horse Secrets," with FARM JOURNAL five full years, only \$1.00.

Perhaps you know Farm Journal, the leading farm and home monthly of the world, with 650,000 paid-in-advance subscribers. If not, you have a treat ahead—a clean, clever, cheerful, practical little paper, well printed, without a line of medical or get-rich-quick advertising. It is full of gumption and sunshine.

Send to-day, and for promptness we will include free "Poor Richard Revived," our splendid new Almanac for 1910.

FARM JOURNAL, 1028 Race St., Philadelphia, Pa.

Send For Our Big Free Book
Established 1884. 900 students last year. Graduates take highest rank. No saloons, no better advantages or finer school atmosphere anywhere. We have many openings with high salaries for our well trained graduates. Write for fine free prospectus.
LINCOLN BUSINESS COLLEGE
11 North 13th St., Lincoln, Neb.

Business College

Box 353 F. Hutchinson, Kan.
Largest in Kansas. Students come from fifteen states.

PENMANSHIP BY MAIL

Beautiful Book, containing more than 70 fine specimens of Penwork. FREE to all who wish to improve their Penmanship. Address

THE HAUSAM SCHOOL.

Box 255 M. Hutchinson, Kan.

YOUNG MEN and WOMEN

Earn part of your tuition and expenses, while securing your education. An old established school, new equipment, thorough training, and a position is secured for all graduates. Write for catalog. Address

Independence Business College

P. O. Bldg., Independence, Kan.

LEARN TELEGRAPHY
And earn from \$53.00 to \$155.00 per month. We have railroad wires giving actual experience. Owned and operated by the A. T. & S. F. Ry. Write for illustrated catalog. Desk F.
SANTA FE TELEGRAPH SCHOOL,
Topeka, Kansas.

Increased enormously within the past decade. It eats pork. Unwholesomeness alleged to exist in other flesh foods has made pork stand out as the best and cleanest meat available. It has enjoyed a boom at the expense of other meats. Little has been said and less proved against its cleanliness and wholesomeness. People are not afraid of it. All this has increased its consumption many fold. When the people eat more than the current crop can furnish the result is an appreciable rise in prices. We have been eating our capital stock of hogs, drawing on breeding animals to meet the deficit in the regular crop. With the settlement of commercial conditions, due to the overhauling of the tariff (which was revised, whether satisfactorily or otherwise), labor began to get busy and grow in purchasing power. When laborers go to work they go to pork. Not only do working people use pork on an enormous scale but all classes of citizens consume it in immense quantities, hams and bacon being the most palatable and popular meats extant.

Obviously consumption has outrun production of pork. It is probable that the gap between the two will widen rather than decrease during the next few years. We look for continued development in industrial lines, especially in the West, where hogs are not extensively raised, and population is sure to become infinitely greater in the East and Middle West. All this spells a keener demand for the food which hogs supply.

By way of explaining the low price of breeding hogs in relation to market stock it may be said that the connection between the allied interests is not so close as it should be. We produce the bulk of our pork from hogs of nondescript breeding. Useful breeding stock does not go to the shambles until it ceases to be profitable. A very small percentage of registered or pure bred hogs is sold for pork. Stock hogs have got to be markedly scarce before the commercial market effects the pure bred business to any appreciable extent. It will be years before there is a close, vital relation between pure bred and grade hogs. We mean to say that the butcher can cut deep into the pork pile now without reaching down to the foundation or pure bred layer.

We believe that this notable year in hog circles will aid in emphasizing a few practical and economic facts which do not seem to be well understood. One of these is that the normal appetite of the nation, restricted as to beef because of the scare of disease, and as to mutton because of our national lack of taste for it, cannot be a commodated by our present output of hogs.

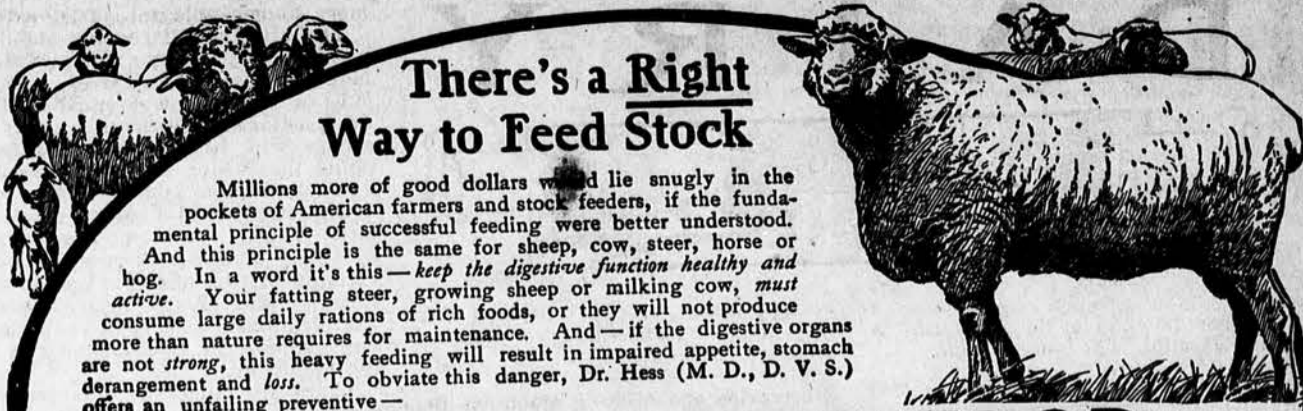
It all sums up to this: now is a good time to get into the hog business, and a good time to stay in it.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

During cold weather one is very apt to overcrowd his fowls. The first noticeable effect of overcrowding is diminished egg-production. This can be relieved by removing part of the fowls to another house. Feather pulling and egg-eating are vices that are soon learned in an overcrowded poultry house. A contagious disease very soon spreads in such a place, and plays sad havoc. There is never enough room at the feeding troughs, and the weaker one seldom gets enough to eat. It is a good plan to put no more than fifty fowls in a place unless they have free range and a big house. Where fowls are confined in a yard all the time, allow a yard square or nine square feet of house-roof for each one, and 25 to 50 square feet for yard room. Where the fowls are confined only part of the time, you may allow only a half or even a third of the space. For winter quarters on the farm, where fowls have some range, not more than 50 should be put in a house 10x12 feet and 100 should have a room 20x20 feet, although they would do better in two or three separate flocks. But remember that you cannot get eggs when your fowls are overcrowded.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

The man who has a hundred or two hens that are laying these days, has something better than a gold mine.



There's a Right Way to Feed Stock

Millions more of good dollars would lie snugly in the pockets of American farmers and stock feeders, if the fundamental principle of successful feeding were better understood. And this principle is the same for sheep, cow, steer, horse or hog. In a word it's this—keep the digestive function healthy and active. Your fattening steer, growing sheep or milking cow, must consume large daily rations of rich foods, or they will not produce more than nature requires for maintenance. And—if the digestive organs are not strong, this heavy feeding will result in impaired appetite, stomach derangement and loss. To obviate this danger, Dr. Hess (M. D., D. V. S.) offers an unailing preventive—

DR HESS STOCK FOOD A TONIC

Not a food ration, but a tonic, which acts upon the digestive organs, and not only keeps them at healthy, normal activity, but gives added power, so that a feeder may steadily increase the mess up to the capacity of the animal. This is "The Dr. Hess Idea" of feeding, and to follow it on the farm means more milk from the cows; bigger, fatter steers; thrifty, growing sheep; vigorous, handsome horses, and fat, sweet, wholesome pork. Dr. Hess Stock Food is sold on a written guarantee. The dose is small and twice a day is often enough to give it.

100 lbs. \$5.00; Except in Canada and extreme West and South. DR. HESS & CLARK, Ashland, Ohio.
25 lb. pall, \$1.60. Smaller quantities at a slight advance.

Also manufacturers of Dr. Hess Poultry Pan-a-ce-a and Instant Louse Killer. FREE from the 1st to the 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96-page Veterinary Book any time by asking. Send 2c stamp and mention this paper.

DR. HESS POULTRY PAN-A-CE-A does away with the doubtful side of poultry keeping, and makes it a positively successful venture for the man or woman who uses it. Poultry Pan-a-ce-a aids digestion, promotes assimilation, makes pure blood and good health. Fed in small portions once a day in soft feed as Dr. Hess directs, it increases egg production as no other known preparation will. It is not a condiment but a tonic, and is as beneficial to growing chicks as to laying hens. It helps through the moulting period and fats old fowls in a short time. It cures Gapes, Cholera, Roup, etc. A penny's worth feeds 30 fowls one day. Sold on a written guarantee.

1 1/2 lbs. 25c; mail or express 40c. 5 lbs. 60c; 12 lbs. \$1.25; 25 lb. pall \$2.50. Except in Canada and extreme West and South. Send 2 cents for Dr. Hess 48-page Poultry Book, free.

INSTANT LOUSE KILLER KILLS LICE



When Mother Goes to Town

Does she spend half the day on the road behind a good-natured plodding horse? With the new Rambler one of the boys or girls can take her in, leave her to do her shopping and return later in the day. She will come home refreshed instead of wearied. Many women drive the new Rambler. It is so easy to operate and safe to start. There is an air of good taste and refinement about it. It's so noiseless in its motion—so dignified in every appointment.

With big wheels and tires, long wheel-base and Rambler upholstery, it's more comfortable than a carriage. You feel as safe as in a low phaeton. With offset crank-shaft and straight-line drive the Rambler never hesitates on the hills or in sand or mud. The Spare Wheel obviates tire trouble. With clean and durable aluminum front floor, with every part protected against dirt, there can be no fear of soiling the most delicate gown. These features are essential in a car for use on country roads. Experience will show that they are not mere talking points.

A postal card will bring you our new booklet full of pictures, facts and figures

Thomas B. Jeffery & Company
Kenosha, Wisconsin

DON'T BUY GASOLINE ENGINES UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or alcohol engine, superior to any one-cylinder engine, revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs Less to Buy—Less to Run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE ENGINE MFG. CO., 488 West 15th St., Chicago. THIS IS OUR FIFTY SIXTH YEAR.

DAIRY



Sometimes a cow's teats show a tendency to chap or to get hard. A little vaseline will remedy this.

Care of the dairy cow means two things. It means money in your pocket now and it means more money in the future when her habit of giving milk freely is fixed and when she drops a good calf.

With a silo and a good, clean, well ventilated stable you are practically independent of weather conditions. The milk flow will keep up to the high point and milk is what you are after.

A dehorned dairy cow is not as handsome as she was but she is more easily handled and less dangerous to the other cows in the lot. She must be dehorned when young, however, or she will lose in milk flow for a time.

Beyond a certain point more grain will not produce more milk. Your cow can use just so much food and pay for it but beyond this she cannot go. Begin by feeding a light ration of grain and gradually increase this to the capacity of the cow. Succulent feeds like ensilage or roots are of the highest value in winter feeding for quantity.

A correspondent asks for the amount of difference between butter fat and butter. This will depend upon methods. There will always be more butter than butter fat and this difference will amount to perhaps 20 per cent. This means that 80 pounds of butter fat will make 100 pounds of butter though this will depend upon the amount of salt, water and curds in the butter.

The troubles arising from winter butter making are shown in the bitter flavor, foaming cream, ropy milk, etc., and are due to bacteria that get into the milk during the milking process or soon afterwards. The best solution of this problem lies in preventive measures. Cleanliness and care will do much if not all to remove the trouble. If not, then the milk may be sterilized by heating and then cooling rapidly. Set the milk pail in a vessel of water on the stove and stir it constantly until heated. This will prevent giving it a burnt flavor.

Prof. G. L. McKay says: "In Illinois they have elected what might be termed the champion of bogus butter to the United States Senate. We have the spectacle now of a man running for Congress in the Sixth District of Chicago whose factory has been fined a number of times by the United States court for the fraudulent sale of bogus butter or oleomargarine. This gentleman has been termed through the press 'Bogus Butterine Bill Moxley.' Such a combination in the House and Senate should

OFFICIAL STATEMENT
of the Financial Condition of the
BANK OF RICHLAND

Private Bank, Albert Neese, Owner, at Richland, State of Kansas, at the close of business on the 31st day of December, 1909.

RESOURCES.	
Loans and discounts	\$104,066.05
Overdrafts	317.54
Expense account	142.94
Cash and sight exchange, legal reserve	20,814.55
Total	\$125,341.38
LIABILITIES.	
Capital stock paid in	\$ 10,000.00
Surplus fund	10,000.00
Interest	4,871.80
Exchange	15.73
Individual deposits	52,150.22
Certificates of deposit	48,163.63
Total	\$125,341.38

State of Kansas, County of Shawnee, ss: I, Albert Neese, owner of said bank, do solemnly swear that the above statement is true; that said bank has no liabilities, and is not indorser on any note or obligation, other than shown on the above statement, to the best of my knowledge and belief. So help me God.

ALBERT NEESE,
Owner.
Subscribed and sworn to before me, this 2d day of Jan., 1910.
CARL THURBER,
Notary Public.
Commission expires on the 24th day of April, 1911.
To J. N. Dotley, Bank Commissioner, Topeka, Kansas.

be a warning to the dairymen that they must organize and be prepared for any emergency."

Creameries and Milking Machines Before Cows.

In the fall of 1906 one of those creamery sharks showed up in this country. He promoted two creameries. When everything was ready to commence operation the good farmers found out that they really did not need a creamery, because there was no cream.

"One of those factories run a few months during summer and closed. The other one never run a day and is rented now to centralizers in Spokane, who are using it as a cream gathering station.

There are some more like instances in other counties. Now many cattle ranches are taking about going in the dairying; want to commence with milking machines. Would not be a bit surprised to see them buy milking machines, before they got the cows to milk.

Dairy Bred Steers and Veals.

Two articles in a recent issue of the Breeders' Gazette indicates a marked revolution in the demand for beef and veal. The Gazette says:

Precedent in the stock yards has been totally reversed and buyers have devoted their energy to securing trash at prices relatively much higher than intrinsic value, judged by standards of former seasons. The result is that those who handled cows, heifers and cheap steers in their feed lots have made money while the burden of complaint of the man who put in high priced feeders and sent finished cattle to market is that it was a losing game. The cattle that buyers have been so hard to interest in, this season realized prices 75 cents to \$1.50 per 100 higher.

This reminds us of some matter that was published in Hoard's Dairyman 16 years ago, when we were commenting on the fact that a committee, consisting of two commission men and the buyer for Swift & Co., placed the value on a carload of steers shipped from the Iowa Agricultural College to the Chicago market. These expert judges estimated the market value for each breed, represented in the shipment, as follows: Shorthorns, \$6.37½; Red Pools, \$6.25; Herefords, \$6.62½; Holsteins, \$5.00; Galloways, \$6.37½; Angus, 6.37½; Swiss, \$6.00; Devons, \$5.75; Jerseys, \$4.50. We showed them that at the prices realized by Swift & Co., who purchased and slaughtered all the steers, had they been bought at the estimated values of the committee, the results would have been as shown in the following table:

	Profit	Loss
2 Shorthorns	none	\$5.91
2 Red Pools	"	7.98
2 Herefords	"	7.07
2 Galloways	"	3.08
2 Angus	"	.46
2 Holsteins	\$26.60	none
2 Swiss	5.02	"
2 Devons	8.01	"
2 Jerseys	44.27	"

Our comment on this table was then, and nothing has developed since to warrant any change of opinion:

These figures seem to show that at the slaughter house, as well as on many farms, it is the in-some-places despised, purpose dairy cow and her progeny that is called upon to make good the losses entailed by other breeds of cattle.

The Skim Milk Calf.

At the end of the third week on the hand raised calf's existence if handled in accordance with our suggestions of the preceding article, he should be on a ration composed wholly of skim milk, and eating well of corn chop and nibbling of hay. The calf should be thrifty in every indication—the eye bright, the coat glossy and smooth, and animal active. If properly and wisely fed until this age the calf will be all this and even

more hungry, playful, lusty, active.

The aim in calf feeding should always be to prevent scours. This ailment, so common to calves, is the result of indigestion brought on by overfeeding. Feed in such a way that scours will be avoided, and by so doing the feeder will have learned a valuable lesson and a lesson which every calf breeder must sooner or later learn. With no scours one of the greatest losses in dairy farming will be obviated and in dairy farming one of the most important qualifications for success is the learning, not only of making, but the saving of money.

There are numerous effective home remedies for scours, but the writer dare not venture a recommendation. In our experience of rearing several hundred high grade and pure bred calves we have had not to exceed a dozen cases of scours, and all these in our early experience. In the last five years which we fed calves we did not have a single case. However, one or two raw eggs broken into a calf's mouth have cured cases. The feeding of dried blood in small quantities when it is noticed that the bowels become loose is a good remedy.

While we believe that scours are in most cases produced by overfeeding, other things frequently cause this trouble, viz, the feeding of cold milk when warm milk may have been usually fed, irregular feeding, both as to intervals of feeding as well as to quantity fed and also from dirty pails, filthy boxes from which grain is fed, etc.

Successful calf feeding depends upon regularity. Regularity is important on every dairy farm. Regularity in feeding calves, regularity in feeding and milking cows, regularity in feeding hogs and horses, regularity in everything about the dairy—the business man calls it "system" and if he makes "system" a rigid rule in his business, why not make it so in yours?

Always feed milk in as nearly the same condition as possible while the calf is young. When three or four months old, if the calf is still drinking milk is a small part of his ration and we have fed milk alternately warm and cold, sour and sweet with no noticeable evil results. Keep milk pails clean, don't let them get sour. Keep the milk supply, if not fed directly from the separator, out of sour barrels or cans. Let the skim milk fed the calf be clean enough for table use. If you do not get it from the skimming station or creamery that way, demand that you have it. You can get it so. But best of all, is skim milk from the farm separator.

Ration for Dairy Cows.

The art of feeding dairy cows can only be learned by long experience and study, but a knowledge of feeding standards and how to compile a balanced ration is a great help at the start. A dairy cow has her individual likes and dislikes, and for the best results these have to be considered.

The feeder may be able to construct rations which comply with the standards, but the cow is the final judge as to their real utility and efficiency.

Given the common feed stuffs grown on our farms, the problem comes to decide what to use and what to sell, and whether to buy higher priced concentrates, such as oil meal, bran, shorts, etc. The protein is the most essential element in the ration, and the question of how best and cheapest to get this is every dairyman's problem.

The solution of the protein problem has removed one of the heaviest items from the farmer's feeding bill, and has greatly increased net profits. Alfalfa and cow-peas can be grown in almost all states, as has been definitely proven, writes an Indiana dairyman in Farm Progress.

Alfalfa hay is worth almost as much as wheat bran. A ton of alfalfa or cow-pea hay can be produced for from \$3 to \$5. Wheat bran is worth from \$18 to \$24 per ton. They are practically equal in feeding value, hence the lesson can be but one, raise your own protein in alfalfa or peas.

The advent of silos and silage into dairying has revolutionized the method of feeding dairy cows. First of all, being a succulent feed, it serves the double purpose in the ration. It is especially helpful in the winter time. Silage makes cheaper

MUSLIN UNDERWEAR SALE

The cheapest way for you to buy the best qualities of ready made undergarments is to get them during our January sale, now going on. Write us for full information, and descriptions, stating garments wanted.

During this sale we offer several large, specially purchased lines of excellent gowns, skirts, corset covers, and drawers at very low prices. Values are such that these goods are selling very rapidly, so that your orders must be sent at once.

Postage or express paid in Kansas. KANSAS MAIL ORDER SERVICE The Mills Co., Topeka.

Write for FREE Books



LEARN TO MOUNT BIRDS

We guarantee to teach you by mail with complete success how to mount birds, animals, fish, game heads, tan skins for rugs, robes, etc. Easy, fascinating work for men, women and boys. Quickly learned, by our exclusive system, teaching only the latest and best methods. Make handsome presents for your friends and beautifully decorate your own home, or make big money mounting for others.

Sportsmen and Naturalists everywhere should know this wonderful art. You learn in a few lessons how to mount all your own trophies and specimens as well as a professional. BIG PROFITS Good taxidermists are scarce and in great demand. Many of our graduates are making \$12.00 to \$20.00 a week in their spare time or \$2,000 a year and more as professionals. You can do as well.

FREE Elegant new catalog and Taxidermy Magazine sent absolutely free. Write today. NORTHWESTERN SCHOOL OF TAXIDERMISTRY 3981 Elwood Building OMAHA, NEB.

WESTERN CANADA

Senator Doiliver, of Iowa, says: "The stream of emigrants from the United States to Canada will continue."

Senator Doiliver recently paid a visit to Western Canada, and says: "There is a land hunger in the hearts of English speaking people; this will account for the removal of so many Iowa farmers to Canada. Our people are pleased with its government and the excellent administration of law, and they are coming to you in tens of thousands, and they are still coming."

70,000 American farmers will move to Canada their home during 1909. Field crop returns alone during year added to the wealth of the country close to \$170,000,000.00

Grain raising, mixed farming, cattle growing and dairying are all profitable. Free Homesteads of 160 acres are to be had in the very best districts. 160 acres pre-emption at \$3.00 per acre within certain areas. Schools and churches in every settlement, climate unexcelled, soil the richest, wood, water and building lumber plentiful. For particulars ask for booklet, "Iowa's railway rates and descriptive illustrated pamphlet, 'Last Best West,' and other information, write to Sup't of Immigration, Ottawa, Can., or to Canadian Gov't Agt. J. S. CRAWFORD, 125 W. 8th St., Kansas City, Mo.

60 ACRES IN WESTERN CANADA FREE

Dept. 72 90 Wabash Ave., Chicago

MAKE UP TO \$75 A WEEK AS A WATCHMAKER

And Start a Jewelry Business of Your Own

Write me today! Let me explain whereby you can become an expert watch repairer in three months—making \$25 to \$75 a week—and own your own jewelry business. You can work by mail and you don't have to leave home or quit your work. Pay me nothing for my instruction, advice, charts or diagrams.

CHAS. F. ELMORE, Principal Cor. College of Watchmaking ROGERS, THURMAN & CO. (10) Dept. 72 90 Wabash Ave., Chicago

SEE SUPPLIES.

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

TOPEKA SUPPLY HOUSE, Topeka, Kansas.

Save One Third On Farm Telephones

Buy everything needed for farm line or rural companies direct at bed rock prices. Over 12 years in business. Our goods used everywhere. Not in the trust. Write today for our big FREE book. It gives complete instructions for construction work, and tells you how to operate your telephone line successfully. Central Telephone & Electric Co., Desk #4, St. Louis, Mo. or Dallas, Texas.

RIDER AGENTS WANTED

In each town to ride and exhibit sample 1910 Bicycle. Write for special offer. Ship on Approval without cent deposit; allow 10 DAYS FREE TRIAL and prepay freight on every bicycle. FACTORY PRICES on bicycles, tires and sundries. Do not buy until you receive our catalog and learn our unheard of prices and marvelous special offers. Tires, coaster brake rear wheels, lamps, sundries, and prices. MEAD CYCLE CO., Dept. S-284, Chicago, Ill

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

There Are Fortunes in Farming the Right Kind of Land

But why farm on land worth \$100 to \$150 an acre, producing but one crop a year, when you can get land of inexhaustible fertility in the San Antonio country at from \$25 to \$50 an acre, producing two or three crops every year. Land that costs a third as much—and crops three times as big.

Why burn up your profits in fuel, in heavy clothing, and winter feed for stock, expensive houses and barns, when you can live here in a land of sunshine and comfort all the year and save that money?

Why farm in a land of snow and ice that forces you to be idle nearly half the year, when you can farm in this ideal climate and have something to sell every week of every month in the year?

In the San Antonio country you have the very best of transportation, good neighborhoods, schools and churches, soil deep and rich, health and happiness, prosperity and perfect climate.

Write for "Farm Facts" (free), a book of facts for farmers interested in Texas lands. It is the best "land book" published. Address,

JOHN B. CARRINGTON,
Industrial Commissioner,
42 Chamber of Commerce,
SAN ANTONIO, TEXAS

\$1.00 for 90 Cents

Here is a chance for some one wanting to go into business. If you will hurry, a \$1,000 stock of goods for sale at 90 cents on the dollar. Have to sell on account of health. Located in a town of 2,000 people, surrounded by farming country.
Trumbly & Barrett, Ponca City, Okla.

milk and butter. A large proportion of the feed of the cow may be composed of this cheap and beneficial food, with the result that the cost of milk and butter is greatly reduced.

While from what has been said above, it might appear that concentrated feeds not grown on the farm are not important, this is not altogether true. They are very valuable and give excellent results, but their high price precludes their use in many cases. Even at the high prices it will be found advantageous to make use of them.

Cows vary greatly in their powers to use food. Some general rations given here will only apply in a part of the cases, and should be changed to be adapted to the individual cow. For winter milk production I give 40 pounds clover hay or 10 pounds alfalfa hay, 3 pounds cottonseed meal, 2 pounds corn meal and 2 pounds wheat bran.

For the average cow producing 25 pounds of milk per day I would suggest the following: 30 pounds corn silage, 10 pounds clover hay, 3 pounds corn stover, 2 pounds cottonseed meal and 3 pounds corn meal.

Finally, I repeat, cows should be studied individually, and food supplied according to each animal's capacity to consume same. To avoid overfeeding or underfeeding, the milk scale should be watched and feed bin at the same time. It doesn't pay to feed a poor cow, and she had better be sold, but it does pay to feed a good cow generously.

What the Farmer is Doing.

Ordinarily it is assumed that this is the season of idleness in American farming communities. As a matter of fact farmers throughout the United States may be doing less manual work, but they are really doing much more thinking than at any other season of the year. Indeed, the four months from the beginning of December to the beginning of March may be called the period of summing up the results of the past year's experience and of planning for the season to come, says a writer in the Wall Street Journal.

This is the part of the year when the agricultural expert from the state colleges and the federal government meets the farmer in the farmers' institutes all over the country. Every state has a schedule of hundreds of meetings to be carried out within a period of about three months. In the more populous districts every township has its institute, lasting two or more days, in which topics are discussed with special regard to the local problems of prosperous farming. Thus these institutes become clearing houses of farming information. The rural population of the country now numbers probably 50,000,000, a considerable proportion of which is annually reached through the influ-

ence of the institute system.

One main feature of farm policy looking to the future is the extension of acreage in various kinds of crops. The question is not so much what will pay as what paying crops are adapted to the existing order of civilization. A reference to agricultural records will show that some crops, like potatoes, pay from two to four times that of an average income from some of the main staples like cotton or grain. The question of whether present high prices are to continue is also to be considered.

Another problem among farmers is what to do with their surplus money. To their agricultural and commercial problems is now added a financial one. The investment of a surplus is always a difficult question. A great deal of farmers' money in the past four or five years has gone into hopeless mining schemes, into rash real estate ventures and into the purchase of "securities" offering high rates of interest. They are paying for their experience. Farmers are thinking now as never before how to invest rationally.

In the South many of them are putting their spare funds into lands, and into cotton and oil mills. In the West much has gone to purchase more lands either in their old localities or in new sections where lands are cheaper. In the East dairying and stock growing have had some revival, and improvements still absorb a good deal of surplus money. As a whole, American agriculture is enlarging its basis of investment in its own enterprises, and has had the most profitable year in its history.

Buy Stallion Now.

Every prospect indicates that there will be a bigger demand for stallions next spring than has ever been known before. Among the farmers this demand will be strong for stallions of some of the draft breeds though there are many localities where the coach breeds are popular and inquiry develops a most surprising number of Morgans in this state. Horses are selling at record breaking prices all over this land and a large number of good stallions are needed here. Present conditions and prices will induce many new men to go into the stallion business and this insures a big business for the importers and breeders who advertise in this territory. These men have anticipated the increased demand which is sure to be made upon their stables and have imported more animals than heretofore. The horses are ready for the buyers and the buyers should be ready for the horses.

Too many men make the mistake of delaying the purchase of a stallion until the opening of the breeding season only to find that he does not meet their expectation because he has not become accustomed to the change from the importers stables to the country. It requires several months to accomplish this needed change in the horse and the farmer or stallion man who does not provide for it is the loser. Buy the horse early, get him thoroughly into condition before the season opens and you will find that the percentage of foals will be much larger.

Hide and Fur Market.

Furnished by James C. Smith Hide company, 108 E. Third street, Topeka, Kan. Below prices are for week ending January 1, 1916. While they may not prevail for week following, they will give you a very close idea of prices which will prevail.

Raccoon, large prime	\$1.75	\$2.00
Raccoon, medium prime	1.35	1.65
Raccoon, small and No. 2	.60	1.50
Skunk, black prime	3.00	4.00
Skunk, short prime	2.00	3.00
Skunk, narrow prime	1.00	2.25
Skunk, broad and unprime	.35	1.00
Mink, large dark No. 1	5.00	6.00
Mink, medium No. 1	4.00	5.25
Mink, small No. 1	2.75	4.25
Mink, unprime	1.00	2.25
Opossum, large cased No. 1	.60	.85
Opossum, medium cased No. 1	.40	.65
Opossum, small cased No. 1	.10	.30
Muskat, winter	.15	.50
Civil cat	.25	.45
House Cat	.50	1.00
Fox, gray	.60	1.00
Fox, red prime	2.50	4.50
Wolf, prime mountain	3.00	4.50
Wolf, prairie	.75	2.50
Wild cat	.25	.75
Beaver, large, each	5.00	
Beaver, medium	3.50	4.00
Beaver, small	1.50	3.00
Badger, No. 1	.50	

All other badgers practically worth less.

Green Salt Cured, natives	No. 1	No. 2
Green Salt Cured bulls	11% c	10% c
Green Salt Cured, Side Brands,	10% c	9% c
48 lbs. up, flat		10 c
Green Salt Cured No. 2 flat		6% c
Green Salt Cured, Glue		5% c
Green Salt Cured Deacons	.25	50 c
Skunk	.15	30 c
Tallow	5% c	4% c
Bees Wax	.25	15 c
Horse Hides, No. 1	\$1.50	\$2.25
Horse Hides, No. 2	\$1.00	\$1.50
Dry horns, half price of green.		



JUST PLAIN COMMON SENSE

It doesn't take an expert mechanical engineer to recognize the superiority of the Improved 1910 De Laval Cream Separator. Plain common sense will do that. Consider each and every part of the machine and not one single deceptive, freakish or non-sensical feature will be found.

At the top you find the De Laval seamless, sanitary, globe-shaped supply can—the most practical can ever designed for the purpose. Next comes the simple, compact, center-balanced De Laval separating bowl, extremely convenient to handle and washed as easily as a tea-cup. Inside the bowl you see the patented De Laval "Split-Wing-Disc" system of construction, which is common sense itself and to-day generally recognized as the only correct method of bowl construction. Next comes the bowl spindle, entirely separate and detached from the bowl, but which may be quickly and easily taken from the machine if desired. Supporting the bowl spindle top and bottom are the special De Laval bearings, ideally efficient and simple. Next you see the remarkably simple De Laval gearing consisting of only three wheels, which are so strong and so nicely adjusted that they are practically everlasting under daily use. You find no ball bearings or complicated nests of delicate gear wheels, and the whole machine may be completely unassembled by anyone within five minutes time.

The frame of the De Laval is remarkably artistic and convenient. It has adjustable shelves for the cream and skim milk receptacles, and a special drip shelf is a part of the frame, which prevents drippings of oil or milk from running to the floor. The base of the machine is open so that the floor beneath may be kept clean. Inside and out the 1910 De Laval machine is the result of merely plain common mechanical sense.

THE DE LAVAL SEPARATOR CO.

165-167 Broadway NEW YORK
173-177 William St. MONTREAL
42 E. Madison St. CHICAGO
14 & 16 Princess St. WINNIPEG
Drumm & Sacramento SAN FRANCISCO
1016 Western Ave. SEATTLE



GALLOWAY SAVES YOU \$50 to \$300 If You Answer This Ad

Cut or tear out this coupon—or write a postal or letter—and send your name to me before you buy any kind of a gasoline engine—keep \$50 to \$300 cash in your own pocket, in savings, and get a better engine—you be the judge and jury. I promptly quote you prices direct from my factory to you—also send you my big, free engine book and special proposition. Address

William Galloway Company, of America
385 Galloway Station, Waterloo, Ia.

Name.....
Town..... State.....

This small advertisement will make you big money if you send me your name. I can only tell you a few words here, but the Farmers of America know that what I say I will do—I DO.
William Galloway, President

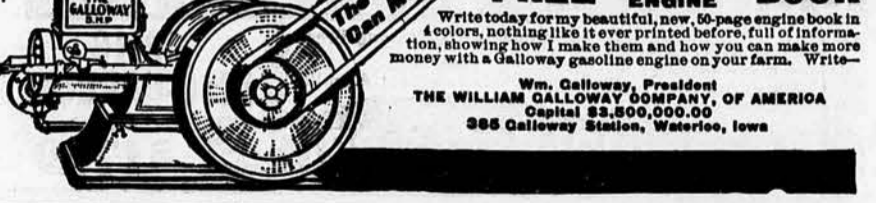
The best—most practical—not complicated like others, but most simple, dependable and easiest to operate gasoline engine, of 2 to 22-H.P., in the market today. Only 4 quick, simple operations to start instantly. Comes complete to start working—(1) turn the gasoline on—(2) turn on oil—(3) turn on battery—(4) give fly-wheel a whirl—that's all. Starts started. Ready to work day and night. Stops by twist of your thumb. No smoke. No steam. No soot, cinders, fire or flame. Perfectly safe. Women, boys or girls can run it. Just investigate

GALLOWAY GASOLINE ENGINES 2 TO 22-H. P.

5 Years' Guarantee—30 Days' Free Trial—Highest Quality—Interchangeable Parts—All-Steel Heavy Crank Shaft—All-Steel Connecting Rod—Hard-Oil Cups, etc. See Free Catalog.

Save all dealers, jobbers and supply-house profits. We turn them out in such tremendous quantities, all alike, by automatic machinery that we can sell you any Galloway engine, direct, at less money than merchants, dealers, jobbers, etc., can buy inferior or similar engines for, in car-load lots for spot cash. Buying from us you get the material at actual cost, labor at just what we pay on pay-roll and one very small profit, based on our tremendous output. You do not think anything of buying a horse. Be practical, then, and join the Galloway crowd of practical farmers (over 50,000 strong) and let me send you, for only \$119.50, the best all-around 5-H. P. gasoline engine made on the American Continent. I recommend my 5-H. P. Do not make the mistake of buying too small an engine. Never buy a cheap-built engine. I can send thousands of testimonials. Here is one:

A. C. Anderson, Spencer, Ia., wrote me Aug. 15—
"My Galloway 5-H. P. will do any farmer's work—would rather have it than other makes that cost \$250 for same power, as it is so simple, not so many trinkets to get out of order, like others."
Sell Your Peasants Horses and Buy My 5-H. P. ONLY \$119.50



Get Galloway's Biggest and Best FREE GASOLINE BOOK

Write today for my beautiful, new, 50-page engine book in 4 colors, nothing like it ever printed before, full of information, showing how I make them and how you can make more money with a Galloway gasoline engine on your farm. Write—
Wm. Galloway, President
THE WILLIAM GALLOWAY COMPANY, OF AMERICA
Capital \$3,500,000.00
385 Galloway Station, Waterloo, Iowa

WILL YOU SEND US A HIDE FOR CHRISTMAS

It will please us over as much as besides when you receive your returns you will get with joy—see what you ship us a hide for Christmas! Hope you will. Write for shipping tags. Post card is sufficient.
Topoka **JAMES C. SMITH HIDE COMPANY** Kansas **HIDES**

Green Salt Sheep Pelts	25c @ \$1.00	Dry Flint, Light, under 16 pounds	17 @ 18c
Green uncured Hides 1 1/2 less than same grade cured. Green half cured 1/2 less than cured.		Dry Flint, Culls	10c
		Dry Salt, Heavy, 18 lbs. and up	14c
		Dry Salt, Light, under 18 lbs.	10c
		Dry Sheep Pelts	10 @ 12c
		Above prices are delivered in Topeka, Kan.	



Mayer's
Leading Lady

There are no other shoes at popular prices that in any way compare with these classy, fashionable, good-fitting shoes. They are made on lasts that insure the utmost comfort, yet give your feet that trim and stylish look.

Leading Lady

shoes combine style and wearing qualities to a degree that easily makes them the most popular, dressy and serviceable ladies' fine shoes obtainable, at a cost no greater than ordinary shoes. Your dealer will supply you; if not, write to us.

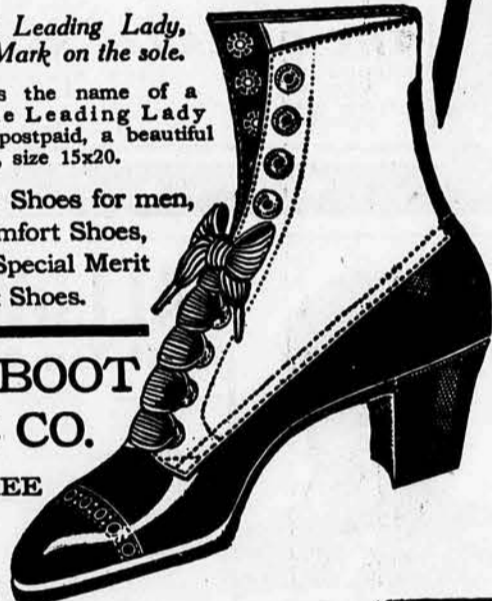
To be sure you get the Leading Lady, look for the Mayer Trade Mark on the sole.

FREE—If you will send us the name of a dealer who does not handle Leading Lady Shoes, we will send you free, postpaid, a beautiful picture of Martha Washington, size 15x20.

We also make Honorbilt Shoes for men, Martha Washington Comfort Shoes, Yerma Cushion Shoes, Special Merit School Shoes and Work Shoes.

F. MAYER BOOT & SHOE CO.

MILWAUKEE WIS.



FREE—Calf and Pair of Shoes

Get a little Buffalo Calf from your dealer. If you can tear it with your fingers, you'll get a pair of B. & O. Buffalo Calf Shoes free. The calf is made from the same leather as the shoes. We take it from well-reared for, well housed and well fed animals before they are three years old. We use summer killed stock only in order to secure uniform and close texture.

B. & O. Buffalo Calf Shoes

Made to wear longer and feel better than any other work shoe on the market. Our Buffalo Calf Tannage process toughens the skins, shrinks them, retains their "life" and makes them soft and pliable. We use only highest grade, heaviest weight Hemlock Texas steer hides for our outsoles. All counters, insoles and ellipses are solid leather. Send us your dealer's name if he doesn't carry B. & O. Buffalo Calf Shoes and we'll send a Buffalo Calf, and a free pair of our best shoes if you can tear it.

BENTLEY & OLMSTED CO., DES MOINES, IOWA

\$3.00 and \$4.00

HAPGOOD PLOW CO.
NO AGENTS SELLS NO MIDDLEMEN

All kinds of Farm Implements Buggies Steel Ranges Harness Sewing Machines

DIRECT TO THE FARMER

14-inch Double Shin S. B. PLOW with Extra Sharp all Soft Center, and 13-inch Rolling Coulter. Big Implement Catalogue Free. Address: Hapgood Plow Co., Box 221, Alton, Ill.

12-16 DISC-HARROW
Only **\$17.00**

\$11.00 WHOLESALE PRICES

Free and Clear to Your Depot on 30 Days' Trial
NO MONEY DOWN—NO CONTRACT

This big money-maker is yours, for 30 days' use, anyway, no matter where you live, without a penny of expense to you. I'll pay the freight. I don't want any money in advance—any deposit—any contract. All I want is your permission to ship you a—

CHATHAM FANNING MILL, SEED GRADER and CLEANER

Then, if you want to keep it, pay me my bedrock, factory price—on easy terms. I think you'll want it for keeps when you know how fast it makes money by giving you clean, graded seed to plant and sell. One means full crops—necessary when land is so high; the other means top prices when you sell. MY FREE BOOK, No. 114, will tell you all about it. Send your name and address, now, so I can make you my remarkable offer. Ask for Book No. 114. Use nearest address.

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

GET FREE BOOK No. 114

FARM INQUIRIES



ANSWERED BY
Prof. A.M. Ten Eyck

Alfalfa in Missouri.
Up to the present time we have been unable to successfully grow alfalfa in this section of Missouri. We have a loose black sandy soil and would like to inquire through the columns of the Kansas Farmer all about alfalfa. How and when to prepare the ground, when to sow to get the best results, in fact everything that pertains to the success of growing alfalfa.—F. B. Gossett, Eldorado Springs, Mo.

I am mailing you bulletin No. 155 published by this Experiment Station on "Alfalfa Seeding and Culture." Your questions are answered in this bulletin more fully and more satisfactorily than I can answer them in an article on the subject.

Doubtless you would prefer early fall seeding in your part of the country. On such land as you describe, the seed-bed is apt to remain too loose and mellow and care should be taken to firm and settle the soil so as to get it in good seed-bed condition before the alfalfa is planted. Doubtless also it will be advisable to inoculate this land with the alfalfa bacteria by securing a little soil from an old alfalfa field in Kansas. I am mailing you circular letter giving information regarding the method of "Inoculating the Soil with Alfalfa Bacteria."

Alfalfa on Rented Ground.

I wish to have some alfalfa sown on my farm next spring and have the land rented now. What are the requirements in such case, as I know of no one who is doing this. I want the ground sowed to oats in the spring and follow with alfalfa. The land rents for one half of the crop and my part to be delivered to market. Would it be best for me to furnish seed and pay the renter for labor and then give him a share of the hay, or hire him to take care of the crops? Would like to give renter as fair show as I have myself and what share would be right? Land is near Manhattan, Kan.—Geo. D. Page, Chickasha, Okla.

The usual practice in seeding alfalfa when land is rented is for the landlord to furnish the seed and for the renter to do the work and each share in the crop the same as in other crops which are grown under the terms of rental. If the renter stays on the farm a few years he will be well repaid for the labor which he expends in seeding the alfalfa and you will be well repaid for the outlay by the increased income for this field, also from the fact that the soil of this field would become more fertile and may produce larger yields of corn and other grain when the alfalfa is finally plowed up, than may be secured by continuous cropping with grain crops. I am mailing you bulletin No. 155, giving information regarding the "Seeding of Alfalfa."

Sweet Clover.

I want to know if you have any bulletins about sweet clover. My neighbor told me that you had been experimenting with it as to its feeding value but what I want it for is for a land renewer. Have you tried plowing it under green at the Station when it began to bloom? It grows on the public roads here in places as high as six feet tall. It seems to grow anywhere there is any soil. I have at present 75 acres of common red clover and other grasses of the tame nature. I am a farmer and own 160 acres of land and want all the good bulletins you have for a good farmer, if you send out any free literature to farmers. I have failed to get any yet only just what bulletins I have ordered.—G. W. Denchfield, Piedmont, Kan.

We have no bulletins on sweet clover but I am mailing you circular giving information on this subject.

We have not carried on many experiments with sweet clover and have little tests of its feeding value. We are carrying on some experiments with plowing sweet clover under for green manure but have no definite judgment, however, sweet clover will make a cheap and excellent green manuring crop. Where you can grow red clover and alfalfa to perfection, however, I see no particular advantage in growing sweet clover. Farther west where the red clover does not grow and the alfalfa is more or less uncertain the sweet clover may fill a place in rotation as a green manuring crop.

The bulletins of the Experiment Station are distributed free to the farmers of Kansas who request them. I am requesting Director E. H. Webster to place your name on our bulletin mailing list and mail you recent published copies.

Picking, Packing and Marketing of Apples.

Geo. C. Richardson, Tonganoxie, Kan., before Horticultural Society.

The picking, packing and marketing of apples, whether done by the speculator or the grower and owner of the apple orchard, will require and demand considerable preparation in advance to successfully perform the work, at the right time and in a proper manner to get best results.

It is necessary and important to know how many varieties of apples and the characteristics of the different varieties that the orchard contains: The time they should be gathered; how long a period certain varieties will hang on the trees, from the time the apples show normal size and color and ready to commence picking, until the apples commence to drop, so that a sufficient number of pickers will be ready to gather the apples, in a given number of days.

As an illustration, from the time the Jonathan and Winesap are ready to pick, until they commence to drop noticeably, there is an average period of from ten to twelve days.

With a knowledge of these facts, as to the different varieties and the number of trees each and with an estimate made approximately of the quantity, the grower knows the number of pickers that will be required to gather the crop at the right time and finish the harvest before the shedding period.

The quantity a man can pick in a day will depend on the age of the trees and whether a full or partial crop, but a good days work for a picker, will vary from 40 to 75 bushels per day, per man, according to his skill.

It is in order to say, that plenty of picking sacks, baskets or picking boxes, ladders of different lengths and sorting tables should be ready. At the same time barrels or boxes, or both, should be made up and ready to receive the fruit.

During this preparatory period, the successful grower, will have under consideration, the disposition of the prospective apple crop, as to finding a buyer to take the apples, at packing time, or make arrangements to cold store the better grades.

I should strongly recommend to every grower to contract for his boxes or barrels, as early as possible for economic reasons, as well as a safeguard to insure packages to place the fruit in on time. The larger grower should secure cooperage stock for barrels, or box material and have them made up at the orchard. This arrangement for packages will meet with favor among the buyers of apples, and places the grower in a more independent position.

During this preparatory period, we would suggest to every grower of apples, to get posted on the crop prospects of other states, from reliable sources of information that he may learn where the best markets will

be and for the further reason, that he may know approximately the market value of his apple crop, which will place him in a position to know whether to accept or reject an offer, when one is made. So much for preparation.

PERFORMANCE.

The grower now being organized and ready to perform the work of picking and packing apples, he should keep ever in mind the old adage, "Anything worth doing at all, is worth doing well." It pays. The day has passed when careless work in the fruit line will succeed. Honest grading and packing of apples will be rewarded by good prices, as the demand for first class apples properly packed exceeds the supply.

The first step or stage is careful picking and handling. The foreman of the pickers will see that his men are equipped with picking sacks, or baskets and a ladder of suitable length and he will instruct his men to place the ladders carefully against the limbs of the trees to prevent injury and loss of fruit by falling. He will show his men, as to picking, that by giving the apple a side twist it will come off easily with the stem. As a direct pull will either leave the stem or bring the fruit spur and with it the bud for the next years apple.

The foreman of the packers and sorters directs one of his men to stencil the name of the variety on the packages and to face the box or barrel with uniform averaged size apples, of high color, of the grade he is going to make, if for No. 1 or No. 2 grades. The requirements for No. 1 apples are first, the standard for size shall not be less than 2 1/2 inches in diameter and further that No. 1 apples shall be at time of packing practically free from the action of worms, defacement of surface or breaking of skin; shall be hand picked from the trees, a bright and normal color and shapely form. Requirements for No. 2 apples, shall be hand picked from the trees, shall not be smaller than 2 1/4 inches in diameter, the skin must not be broken or the apple bruised, this grade must be faced and packed with as much care as No. 1 fruit.

The sorters or graders will select apples according to grade and place in boxes or barrels, and gently shake the packages while they are being filled. Apples packed in barrels should be filled about 1/2 inch above chimes and placed evenly before pressing the head into place. Apples packed in boxes should have a crown of three inches before lidder pressed lid to place for nailing.

The apples of an inferior grade to No. 1 and No. 2 have not sufficient value to go to expense of placing in packages and should either be evaporated or made into cider or vinegar, or the best may be disposed of in bulk to a class of trade that wants cheap apples. We have experienced abnormal years, when the quality of apples was poor, that would not warrant but making the first grade and the remainder (excluding the cider apples) sold in bulk.

PUBLICITY.

One of the best means for finding a market for the apple crop is through the fruit and produce journals of the United States, as dealers in apples of any prominence are subscribers. In many apple growing districts where growers have organized associations, they give to these publications, the names of the growers, the number of acres in orchard and the probable yield quality, etc.

If every member of the Kansas State Horticultural Society would furnish the secretary such information for dissemination, there is on question but what we would have more buyers to deal with, consequently better prices and I believe the Horticultural Society can, with propriety, be an instrument in a consistent manner to help the growers and members along this line, as it is for the Society to help him control insect enemies, fungi troubles, or to learn him to grow better fruit or more of it. From beginning to end it is dollars and cents and profit that prompts and stimulates the orchardist to grow healthy, vigorous trees, and clean merchantable fruit, and when carefully picked, and conscientiously graded and packed in best quality of packages, and neatly stenciled, the grower should receive the highest market prices.

Save A Handful Of Money

on the purchase price and every day in the future by buying a

Saginaw Silo



Built of the best materials that are possible to procure. Equipped with all of our new and exclusive features not found on any other Silos. The continuous steel door frame, the large 22x26 3-4 inch openings and many other features make the Saginaw the best silo on the market. It is absolutely air tight. It saves all of the nutriment in the silage and makes a perfect animal food. It increases the flow of milk, enriches it in butter fat and reduces the cost of feeding. It's an investment that pays for itself.

Send us the size of your farm and the number of cattle you feed and our farm expert will figure out for you just what size Silo you need. We do this free of all cost to you and it does not obligate you in any way. We make 34 different sized Silos—one for every necessity. You can make a Silo pay for itself in a short time with as few as five cows—and it will save you double the increase in food value and production in the labor and harvesting of your forage.

Don't Buy Until You Get Our Free Catalog AND OUR LIBERAL MONEY-SAVING PROPOSITION

This big book on Silage Feeding is endorsed by the leading Silo experts of the country. It has the approval of the feeding departments of the Agricultural Colleges in nearly every state in the Union. It tells all about Silos. How to select them, what they do and the feeding advantages of silage. It gives twelve different rations for feeding under different conditions. It will be worth hundreds of dollars to you to have this book. It's free. Write today.

Farmers' Co-operative Produce Co., Des Moines, Ia. Dept. L





Light for the Farm Homes

Make your home comfortable by installing one of our Gasolene light systems guaranteed to be perfectly safe and reliable. Any one can install them. Will be pleased to send special prices on any sized system. Write today for descriptive matter.

TOPEKA SUPPLY HOUSE,
Topeka, Kansas.



FROM FACTORY TO USER

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

THE JENSEN MFG. CO., TOPEKA, KAN.

Ask Your Dealer.
LIST Price \$6.00



THE FARM



Reports from all sections of the state show that the wheat prospects were never better at this time of year. The ground was thoroughly soaked prior to the heavy snowfall and this condition insures plenty of moisture and plenty of moisture in the spring means plenty of wheat.

Our great Farm Library subscription offer on page five of this issue merits your immediate consideration. Start the New Year with this library of information at your command.

hard surface mixed with one part cement, one and one-half parts clean, sharp sand and spread to from one and one-half to two inches in thickness. Tamp every layer of material so that there will be no "spring" to the floor. For engine foundations or floors where heavy loads must be supported mix the concrete a little richer. One part cement, two parts clean, sharp sand and four parts broken stone will be about right. If the floor covers a large area it would probably be wisest to put it down in squares measuring four to six feet on the side. This can be easily done by setting boards on edge in the form and size desired, staking them in place and then filling with concrete and tamping till the water comes to the surface. Build these squares alternately like the black spots on a checker board, then go back and fill the missing squares.

In all concrete work it must be remembered that different coats of cement or different squares must always be added before former work has set. If this is not done the two parts will not bind and cracks are likely to develop.

Concrete work is used only where permanence is desired and for this reason only the best quality of cement that is made should be used. Cheap cement is expensive at any price and should never be used.

Danish Farming Facts.

Danish farms have 10 to 300 acres and average about 50 acres. The farmers are self-respecting and live in surprising refinement and comfort. The Russian war of 1904 brought great agricultural and commercial depression. The chief agricultural pursuit was wheat raising, and it did not take the shrewd, far-seeing mind of the Dane long to discover that a continuance of wheat raising on the already worn and impoverished soil was not in accordance with sound economic principles. Some radical land laws and systems of land tenure, with education and cooperation, have gradually changed the agricultural conditions of Denmark from distress to prosperity. The careless methods of former days have given place to an intensive and skillful dairying. Now Denmark exports annually \$87,000,000 worth of butter, bacon and eggs, nearly all of which goes to Great Britain, although Denmark contains less than one-fourth the area of Illinois. On the whole the land is naturally poor and the climate not congenial. The summers are so short and dry that oats have only time to mature. Indian corn cannot be raised.

Ninety per cent of the land is owned by the men operating it, and about 70 per cent of the land is farmed by the most intensive methods. The 30 per cent in grass is not pastured. A seven-year rotation generally practiced is: Clover and grass two years, rye, wheat, roots, barley, oats. The land is well manured and produces heavy crops of grass.

The buildings are quite uniformly placed in a square around an open, paved court. Near the stable is usually the manure pit, which is walled up four feet on the sides and has an impervious bottom. Many times this has a roof to protect the manure from waste by rain. A cistern for liquid manure is near, and if the manure in the pit becomes too dry to decompose properly, the liquid is pumped into it.

The buildings are of stone or brick, and the older ones thatched. They are kept whitewashed and look neat, attractive and homelike, with frequently a fine rose garden in front and large trees.

The value of our Farm Library subscription offer on page five cannot be miscellaneous for books and papers, and books for only \$1.50 will give you more information and entertainment than five times that amount spent miscellaneous for books and papers. Order now and have all these papers start with the New Year.

POLAND CHINA DISSOLUTION SALE

Beloit, Kan., Friday, January 21

This sale will disperse the well known Logan & Gregory herd of Poland Chinas. It is made to close up a partnership, Mr. Logan continuing in the business at a new location nearer Beloit. The offering numbers 42 head and consists of 10 tried sows, 3 fall yearlings, two herd boars and the balance spring gilts. The tried sows are all great producers and are really the cream of this herd. They represent popular Poland China families and have been purchased and reserved with a view to their general usefulness. The gilts were sired by Conformation, by E. L. 2d, Dude by Old Sunflower Perfection and others. A large majority of the gilts and several of the tried sows are safe to the service of Glasco Chief, considered by many the best Poland China breeding boar in the Solomon Valley. Sale in comfortable quarters. Free accommodations for breeders. For a catalogue address,

LOGAN & GREGORY, BELOIT, KANSAS

John Brennen, Auctioneer. J. W. Johnson, Fieldman.

SHIMER
SPRING STEEL
Farm Fence
High carbon, tempered steel spring wire keeps fence tight. Handsome, durable; requires only half the usual number of posts. We make fence for every need. Attractive Catalogue now ready. Contains valuable information. Mailed on request. Spring Fence & Wire Co., Box 20, Western Factory, Coffeyville, Kas.

BROWN FENCE
For Rabbits, Chickens, Hogs, Sheep, Horses, Cattle. 166 styles. Big heavy No. 9 galvanized Coiled Spring rust proof wires. Will defy stock, wind and weather. Free sample & cat's. 15 to 35c per rod. We pay freight.
The Brown Fence & Wire Co., DEPT. 339 Cleveland, O.

14 1/2 Cents a Rod
For 25-in. Hog Fence; 15 1/2-4c for 25-inch; 12 1/2-4c for 21-inch; 25c for 24-inch; 25c for a 47-inch Farm Fence. 50-inch Poultry Fence 25c. Sold on 30 days trial. 50 rod spool Ideal Barb Wire \$1.55 Catalogue free.
KITSELMAN BROS., Box 67, MUNCIE, IND.

FENCE STRONGEST MADE. Built strong chicken-tight. Sold to the user at Wholesale Prices. We Pay Freight. Catalogue free.
COILED SPRING FENCE CO., Box 255, Winchester, Indiana.

THE TOPEKA PACKER
It will enable you to get the full yield of your soil, and the difference in one season's crop will more than pay for the machine. A card today, asking for TOPEKA PACKER BOOK, LET No. 12, will bring prices and full description. THE TOPEKA FLOURING & MACHINE CO., Topeka, Kansas
FOR DRY FARMING

ELECTRIC Steel Wheels
for your wagon. Use your old running gears—our steel wheels will fit them and make your wagon good as new. Send for free catalog of solid metal wheels (sizes to fit all axles) that cannot swell, dry apart or rot. Make a new wagon out of our old one. Write for the book now to
ELECTRIC WHEEL CO., Box 34, Quincy, Ill.

3-STROKE SELF-FEED HAY PRESS.
All Steel and Iron. Two Men can run it. The Auto-Feeder Hay Press No. 1894 W. 12th St. K. C. Mo. Ask for Catalogue No. 64

Notice of Final Settlement.
The State of Kansas, Shawnee County, ss: In the Probate Court in and for said county.
In the matter of the estate of William F. Kuggles.
Creditors and all other persons interested in the aforesaid estate are hereby notified that I shall apply to the Probate Court in and for said County, sitting at the Court House in the City of Topeka, Shawnee County, Kansas, on the 7th day of February, A. D. 1910, for a full and final settlement of said estate.
Dated Dec. 11th, A. D. 1909.
F. M. KIMBALL,
Administrator

PATENTS WORTH FORTUNES
Inventors: Send 6 cts. for our Valuable Patent Books
R. S. & A. B. Lacey, Dep. 46 Washington, D. C. Est. 1899

DAILY FARM LOSSES
Southern Farmer Writes of Them and How They Occur.

If we wish to progress in daily losses we will just let all of the barn and stable and poultry house manure go to waste—let the rains wash it away not try to save it in any way. Another way, when a wash starts in the field, we just let it have its course and every rain will make it wider and deeper and soon the field is all washed away and full of big gullies. Another way is to let the fence rows grow up in bushes and briars and we give way and soon we cannot get in a rod of the fence and again when we play we just scratch, cut and go in order to get done to say we are a head of others.

These and other things will soon by daily losses come to the point that our farm will not hardly sprout peas. Then we come to want in many ways and all brought about by carelessness or not knowing how and laziness mixed up together.

Another source of loss is to leave all the farming tools out in the field where we get done with them so they can take rain, sunshine, and all kinds of weather. By so doing we will soon have no tools to work with. This is a good way to get rid of our tools. So by the way to store up daily losses on the farm is to indulge in the above work and go fishing or squirrel hunting or lie in the shade and rest or worry.

But to avoid these losses and to prevent them, save all of the manure, see that none goes to waste. See that all is hauled to and scratched over the fields in a proper manner and plowed under. See that all is moved to the fields in a proper manner. When you move out the machines, when through the work, move them to the shed. So do with all farm tools. See that none are left out in the weather. Do this daily.

If a wash starts stop it. See that none are left, but stop all. A poor farm can be made rich and a rich farm may be made richer. Suffer no needs to go to seed on the farm. Mow all fields and fence corners. Do not run the farm to death in corn, grass and pasture and seed to small grain. Plow deep and close. Plow ground when not too wet.

We must keep our farms up by replacing what we take off and we can do this by saving all of the barn and stable and poultry manure and apply it to the farm at the proper time. A rich farm may be made poor by neglect of this and a poor farm may be made rich by applying all manure and waste stuff on the farm.

In August after the wheat is cut mow the weeds down and turn them under after which scatter the manure and harrow or disk it in. On a poor field keep this up until made rich and then turn to another. Keep up the rotation and never relax. Enough manure and proper labor and proper attention to these facts will stop the losses and preventives will pay any farmer for all his labor and attention. Put all roughage scattered about the farm in a manure pen with the manure daily. Do this and thereby you will save all. Do not neglect this.—Thos. E. Gaines, Leas Springs, Tenn.

Large Type Brood Sow Sale

Wichita, Kan., January 19, 1910

45 BRED SOWS AS FOLLOWS: Chappans Choice by Blains Tec. 2, an extra brood sow, dam of Columbia Special special that weighed 545 at one year old, a winner at Hutchinson State Fair in 1908.

Sire of Top Boar of Harshaws and Charters, 1908 Harrisonville sale and the highest selling boar in the sale with at least 20 days the advantage of others in age.

Summit Girl by Perfect Ideal U. S., a winner of first at Harrisonville, Mo., Lee Summit, Mo., and Belton, Mo., in 1905, in under year class.

Dam of sow that topped the Harshaw and Charters sale of Harrisonville, Mo., at \$85.00. I sold to Mr. Charters on a small order 4 two year old sows by Designer, one by Master Builder, one by Pan Wonder, Queen Corwin by King Dodo, dam of C. S. Nevius, Columbia Expansion and a litter sister. One yearling by Mogul, one by Long John one two year old by Blue Valley Quality. Six by the great Columbia Chief, 25 spring gilts, sired by Col. Expansion, by Granger by Wheelers Mastodon, Silver Metal by Gold Metal and D's You Tell by Designer. C. S. Nevius will contribute 5 head by Designer.

This will give a good chance to get Designer stuff at home. The brood sow offering will be bred to D's You Tell No. 52758, by Designer 38199, he by Expansion, dam Coos Beauty No. 115891. Sire Prince You Tell No. 22204. D's You Tell is a yearling of splendid size and quality. He has excellent length, extra rib, extra strong back, fine coat of hair, splendid head and ear, big eight legs and is proving himself an excellent breeder, as you will see on sale day as we will have 55 head of July, August and September pigs sired mostly by him. Most all of the sows will be bred to him. The rest to Sheldon Hadley No. 22507. Sheldon Hadley is a fall yearling bred by Geo. Hull of Garnett, Kan.

He is a good one, strong back, good ribbed, extra depth of body, good feet and legs, splendid head and good ear and crossed on Designer sows. You may expect something extra good. These brood sows are being cared for in a brood sow way, having the run of a field of barley and alfalfa and fed a mixed ration of corn, oats and ship.

In the offering of July, August and September pigs there are a number of herd header prospects and the gilts are a fine stretchy lot with plenty of quality. Watch this sale date, Jan. 19, 1910. Send for catalogue they are ready to mail out if you can not attend send bids to O. W. Devine representing the Kansas Farmer. Address. Catalogues will be out by middle of week.

SALE UNDER COVER, RAIN OR SHINE. Auctioneers, Sparks, Harriman, Arnold.

H. O. SHELDON,
Wichita, Kansas

40 - POLAND CHINA - 40

BRED SOWS

at South Mound, Kan., Thursday, Jan. 20, 1910

15 Tried Brood Sows, Possessing Great Size.

Including Logan Beauty, the largest sow in the state, Miss Topsy a line bred Hadley Long Cord, Bright Eyes and others of immense size and possessing great bone, substance and quality.

3 fall yearlings sows out of Long Cord 2nd by a son of the immense sow Logan Beauty. 21 large, thrifty spring gilts from my largest and best breeders. Positively one of the best offerings of

BIG TYPE POLAND CHINAS

To be sold at public auction during the season. These sows are bred and safe in pig to

ORPHAN CHIEF, JOHN LONG, LOGAN EX or LOGAN YOU TELL

Catalog will be mailed on application. Auctioneers: James Sparks, Frank Zaun.

ROY JOHNSTON
SOUTH MOUND, KANSAS

O. W. Devine, representing Kansas Farmer.

HOME CIRCLE



The Cat's Explanation.
You ask the reason, little friends,
Why cats don't wash their faces,
Before they eat, as children do,
In all good Christian places.

Well, years ago, a famous cat,
The pangs of hunger feeling,
Had chanced to catch a fine young mouse.
Who said, as he ceased squealing.

"All genteel folks their faces wash
Before they think of eating!"
And, wishing to be thought well-bred,
Puss heeded his entreating.

But when she raised her paw to wash,
Chance for escape affording,
The sly young mouse then said good-by,
Without respect to wording.

A feline council met that day,
And passed in solemn meeting,
A law forbidding any cat
To wash till after eating.—Selected.

Girls Bread Baking Contest.

At the State Agricultural College last week there was held a grand State Farmers' Institute among the features of which was the Boys Corn Contest and the Girls Bread Baking Contest. Plenty of other meetings were held and many other contests but none so important as these. This training of the young people makes for the future good of the state and those who win prizes in these contests have won knowledge as well as honor.

The winners in the Girls bread baking contest were as follows:

First prize, Laura Richards, age 16, Lyndon, Osage Co., score 92.

Second prize, Vesta Wheeler, age 18, Humboldt, Allen Co., score 91.

Third prize, Carrie Lehman, age 13, Ellsworth, Ellsworth Co., score 89½.

Fourth prize, Mary Reed, age 18, Merrill, Brown Co., score 89¼.

Fifth prize, Beulah Gammersfetter, age 18, Burlington, Coffey Co., score 88¾.

A Christmas Celebration Among the Indians.

Among the tribes of Pueblos the Indians celebrate Christmas by a dance which they call "A Comanche Dance."

This dance is a "War Dance," among the Indians, except they are peaceful and dance in a more graceful way than the war dance is danced among the other tribes of Indians.

The twenty-fifth of December the tribe called "Acoma" commence their celebration of Christmas and it lasts four days. On Christmas night the Indians are up at midnight and ring the bells. They also build a large fire in front of the church. All of the Indians then go to church on Christmas morning with their harps and whistles. The governor and his assistants stay in the church all morning till all the people come to church. They do this in remembrance of Christ's birth and they have some men in the church to guard it all day. The people go to the altar and pray for themselves. Even the children are taught to say a prayer while going up to the altar. These Indians do not go to church like the "Paleface," who has to be in church at regular hours.

This first day corresponds to Christmas day among the white people. The Indians of this tribe say that there is not much dancing on first day, but there is on second day. The Indian men have houses which have openings in the center of the roofs, where they have a ladder to go in and out. This place is where they hold many different ceremonies. Before Christmas there are men who are chosen as singers and they have to gather so many men to teach them to sing songs. They would sing a song through once and they would learn it. They sit in a circle with a "tumtum." They make new songs every year. They have many dancers from these houses and they take turns in dancing.

On the second day the people have a great feast and invite one another to the feasts. The dancers are dressed in buckskin and have on their best moccasins, beads and different silver ornaments which are made by themselves. Dancers paint their faces in various colors, and wear feathers, also war bonnets on their heads. These dancers carry long poles with a long horse tail on the end of it to represent a scalp. They have this horse tail on the pole because they do not have any more scalps. Others have bows and arrows with sleigh-bells on the ends of their bows. The women take part in this dance. The women dancers are painted by the men dancers. They wear the softest feathers of an eagle on their hair and have their hands painted white. The men dancers must each have one of these women to dance with.

They dance in a circle, and the singers beat a "tum-tum," following the dancers or sometimes a large drum made out of a carved log which is sometimes three or four feet long and a foot in diameter with a goat skin stretched over the ends. When the singers begin songs the women dancers stand in a circle and the men dancers are in the middle giving war-whoops. Then the dance begins. The men know where their places are, and they dance about twenty minutes with one of these songs. This dance goes on for three days, but the last day they have other dances and it is the biggest day for the Indians. After the four days' celebration of Christmas the Indian men of this tribe hold a meeting to elect a new governor, and other officers of the tribe and this goes on year after year among the "Acoma" Pueblos.—Irwin Hunt in December 28 Indian Leader.

A Woman Lighthouse Keeper Who Has Saved 23 Lives.

An interesting sketch of unflinching devotion and heroism is contributed to the December American Magazine by Herbert Ladd Walford. It has to do with the life and work of Ida Lewis, who has been the keeper of the Lime Rock Light on Rhode Island's coast for fifty-three years. Mr. Walford writes of her as follows:

"In a lonely lighthouse on a jutting ledge of lime rock on Rhode Island's coast, Ida Lewis is rounding out fifty-three years of Government service. The nation's veteran keeper, she guards the entrance to Narragansett

Waltham Watches



About Buying a Watch

Don't buy a watch from a catalogue of a mail order house—you will be disappointed if you do. Go to a jeweler; for his own reputation, if nothing else, he will see that the watch you buy has been put in thorough order, properly oiled, regulated, and is running right. Everyone knows that Waltham Watches are as accurate timekeepers as it is possible to make, and yet there are a hundred accidents that may happen to a perfect watch after it leaves our factory. A good watchmaker knows how to remedy such things, and you may be sure he will do it before he takes your money.

Waltham Watch Company Waltham, Mass.

N. B.—When buying a watch always ask your jeweler for a Waltham adjusted to temperature and position.

A WOMAN CAN \$5000⁰⁰ A YEAR



Learn Dressmaking

At Home. We will teach you to your own satisfaction, and equip you to command a good income. Or you can start in business for yourself. Many women nowadays are earning \$100 a week—\$5,000 a year. One woman, the head designer of Chicago's largest retail dry goods house, is said to receive \$10,000 a year. Salaries of \$25,000 to \$50,000 a week are common.

FREE

Become a Graduate Dressmaker. The regular Diploma of this College is issued to all who complete this course of lessons. These Lessons will teach you how to make your own clothing and enable you to dress far better at one third the usual cost. They teach you how to DESIGN, DRAFT, CUT, FIT, MAKE, DRAPE and TRIM any garment, including children's clothing. This College is endorsed by leading Fashion Magazines—McCall's, Pictorial Review, etc., etc.

This book will be sent to you free. At an expense of thousands of dollars this College has published 100,000 of these copyrighted books to advertise the AMERICAN SYSTEM OF DRESS-MAKING, and while they last will send you a copy FREE. Write for it today. One copy only to each woman. Requests filled in the order received.

American College of Dressmaking
1045 Reliance Bldg.,
Kansas City, Mo.

STRAWBERRY PLANTS

that pay to plant are the kind we grow. We have a good supply of all the leading varieties, old and new. Plenty of moisture late in the season has given us the best possible quality of plants.

We also grow Raspberry, Strawberry, Dew-berry, and all other small fruit plants. 500,000 Asparagus, 50,000 Catalpa Speciosa, 25,000 Rhubarb, etc. Our common sense catalog will interest you; write for a copy. Address

F. W. Dixon, Holton, Kan.

The Great Worlds Fair Prize Winning SEED CORN

Garden seeds and grass seeds in bulk, Poland China hogs, Barred Rock cockerels, and Scotch Collies. My 1910 catalog free; it's full of good common sense. Write now.

THE LAWNDALE SEED FARM,
John D. Ziller, Prop., Hiawatha, Kan.

Bay. Hale in her sixty-five years of strenuous activity, she is still untiring, dauntless and brave. In the face of gale and storm she has snatched from the tumbling waters off her steady beacon twenty-three lives. Five of these lives she saved last summer. She is a pensioner of the Carnegie Hero Fund, holds the Government First Class Medal for bravery and the American Cross of Honor.

Ida Walley Zoradia Lewis was made Assistant Keeper of Lime Rock Light by Congress in 1879 and succeeded her mother in 1887 as keeper. Her father was also keeper at his death in 1872. Known the country over for her life-saving, she is a unique character. Her island home is full of mementos of her valor, and is the mecca of tourists all the year. Modest and cheery she talks little of her deeds, but can show a hatful of medals from the reatest societies of the land. The Benevolent Life Saving Association of New York and the Humane Society of Massachusetts have both honored her.

"The United States awarded her a grand medal in gold for saving two men off the light in a terrible storm on February 4, 1881. Speaking of her greatest rescue she said, 'I remember one twilight in 1869. I heard the cries of two men during an awful storm. I put for them in my boat. Through the mist and spray I could see them clinging to their frail boat. I managed to pull them in, but they were nearly gone when I made the shore. Yes, they both lived. This is home to me and I hope the good Lord

will take me away when I have to leave it. The light is my child and I know when it needs me even if I sleep. She has never had a vacation yet nor asked for one. Her greatest precepts are work and thrift."

RECIPES.

Chicken Cutlets.

Take pieces of chicken or turkey, season with salt and pepper, dip into melted butter, dip into bread crumbs, and then dip into beaten egg. Fry in butter until it is a delicate brown. Serve on slices of toast.

Rice and Meat Croquettes.

Take a cup of finely chopped meat of any kind, one cup of boiled rice, a teaspoonful of salt and a little pepper. Boil a half cupful of milk, add the meat, rice and seasoning, and when this boils add the egg. After cooling dip in crumbs and egg and fry.

Vegetable Soup.

Take two pounds of beef, cut in strips; two pounds of veal and two pounds of mutton bones, a pound of lean ham, about three carrots, two turnips, one large onion, a bunch of herbs, three tablespoons of butter, two of flour and four tablespoons of sugar salt and pepper and seven quarts of water.

Dumplings.

Two cups of flour, two teaspoonfuls of baking powder, one of sweet milk; drop in chicken, meat or potato broth, about one quart. Drop the dough in small bits while boiling. Let boil about fifteen minutes. Keep covered while boiling.

Plant the "BOUNTIFUL" Collection of Vegetable Seeds In your garden

No matter what else you've decided to plant, these five should certainly find a place in your garden:—
Sweet Corn, White Mexican—Just as sweet and fine in flavor as the old Black Mexican, without its objectionable color. Good yielder, matures early and remains edible longer. **Regular price 10c.**
Vegetable Cabbage—Never equalled for uniformity of growth, shape of head and hardness. Has few outside leaves. Set out in July, will mature large, solid heads in October. **Regular price 10c.**
Musk Melon, Hungarian Pineapple—Finest flavored, sweetest and most aromatic of all musk melons. **Flesh deep red. Regular price 15c.**
Kielbasa Cucumber—4 to 7 inches long, extremely early, very prolific. Dark green, good shape, most profitable sort for shipping. **Regular price 10c.**
New Coreless Tomato—Large size, globe shaped, bright red, strong grower and big cropper. Average weight 13 ounces. **Regular price 10c.**

55c collection for 30c

This excellent assortment is worth 55c, but we will send it to any address, postpaid, for 30c. Complete line of best quality vegetable and flower seeds. Nebraska upland-grown Alfalfa and all varieties of Clover and Grass Seeds, Northern-grown seed potatoes, etc.
 Write to-day for free catalogue.

GERMAN NURSERIES & SEED HOUSE

Box 250
Beatrice, Neb.



We Buy and Sell

All Kinds of the BEST FIELD AND GRASS SEEDS

Alfalfa, Millet, Cane, Clover, Timothy, Kaffir, Popcorn, Seed Corn, Grass Seed, etc.
 Write for prices on any quantity.

J. G. PEPPARD

1112-17 W. 5th St., Kansas City, Mo.

GOOD SEEDS

BIG SEED BOOK FREE

BEST NEW CROP GROWN SEEDS IN THE WORLD AT FARMER PRICES. In addition we give a whole lot of extra seeds with every order. OUR BIG ILLUSTRATED CATALOGUE OF FARM AND GARDEN SEEDS IS NOW READY. It is FREE to you. A postal card will bring it to your door. Write for it today; also send the address of your neighbors who buy seeds. Address,
RATEKIN'S SEED HOUSE, SHENANDOAH, IOWA

LEARN ALL ABOUT AUTOMOBILES

EARN BIG MONEY
 and enjoy a most pleasant occupation as competent chauffeur—one that can repair as well as run machines. Splendid opportunities in this new business. Automobile Liveries, Taxicab, Repair Companies being established everywhere. Every man wanting to own an automobile, become a chauffeur, expert repairer, or an salesman needs our practical course. Write for our interesting free book.
KANSAS CITY AUTOMOBILE SCHOOL, (Largest and Best Equipped Automobile School in America) 2109 E. 15th St., Kansas City, Mo.

TREES

of all kinds AT WHOLESALE PRICES. Save agents commission of 40 per cent by ordering direct from us. Premium with each order free of from 1 to 4 trees; roses, shrubs or other stock. Stock Guaranteed first class. Certificate of Inspection furnished. Don't delay, send for price list now. Address Box H, **WICHITA NURSERY, Wichita, Kan.** (Gen'l Agts. for Wellington Nurseries.)

SEEDS THAT GROW

Best quality Vegetable, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes, etc. We will send free with catalog a packet of our New Coreless Tomato, the best of all tomatoes.
GERMAN NURSERIES & SEEDHOUSE, CARL SOMMERBERGER, Pres. Do not fail to try our Bountiful Collection of Vegetable Seeds, the best 5 varieties on earth, postpaid for 40c. We also carry full line of Nursery stock.
German Nurseries, Box 12, Beatrice, Neb.

NURSERY SNAPS

20 Budded Peach Trees \$1.00. 40 Concord Grape Vines \$1.00. 8 Budded Cherry Trees \$1.00. They are strong, healthy, ready to grow. Catalogue and 25c due bill free. Write now for choice selections.
Fairbury Nurseries, Box L Fairbury, Neb.

A PACKET OF 200 TOMATO SEEDS FOR 2 CENTS

MANGUS TOMATO
 Quality best—production unsurpassed. Sent with our 1910 catalog for 2 cent stamp. Address **GUTHRIE-LORENZ COMPANY, 419 7th Street, Des Moines, Iowa.**

Prune Pudding.
 Whites of five eggs, one-half teaspoon cream of tartar, one-half cup powdered sugar. After prunes are stewed drain off juice, remove pits and chop well. Beat the eggs very light, then add sugar and prunes slowly. Bake in a pan of hot water twenty minutes. Eat with whipped cream or with custard as follows:
 Two tablespoons sugar, yolks of three eggs, one pint of milk, one teaspoon vanilla. If not firm enough use corn starch.

Fruit Salad.
 Pour one pint boiling water on contents of one package of jello. Take four oranges, one-half dozen bananas, one-half can pineapple and one cup walnut meats cut fine. Add the prepared jello.

Artificial Honey.
 Five pounds brown sugar, three cups water, twenty grains cream of tartar, five drops essence peppermint, one and one-half pounds of honey. Dissolve sugar in water slowly, skim. Dissolve cream tartar in little warm water and add. Stir well, add the honey already heated to boiling. Add the essence; stir and let cool.

Banana Cream.
 This is fine for supper if made at noon.
 Put one quart of milk on the stove to scald. Then beat together one-half cup of sugar, one tablespoonful corn starch, four eggs, or less eggs and more corn starch, and stir until it thickens. Slice three bananas in a dish and pour the custard over it.

Corn Bread.
 One pint corn meal, one pint flour, one pint sour milk, one egg (or not any, it will be good, too), one-half cup sugar, butter size of an egg; add the last thing; one teaspoonful soda in a little sour milk. If sweet milk is used, add one teaspoonful cream tartar; bake twenty minutes in a hot oven.

Graham Gems.
 Three cups buttermilk or sour milk one-half cup sugar, one-half teaspoonful soda, two cups flour and the rest of graham. Stir quite stiff and put in gem pans. These are very good for breakfast.

Coffee Spice Cake.
 Three-fourths cup butter, one cup sugar, two eggs beaten whole, one cup strong coffee, one cup sorghum molasses, one teaspoon soda in the molasses, one teaspoon cinnamon, one-half teaspoon cloves, a little nutmeg, two and three-fourths cups of flour (some kinds of flour may take just a little more), one cup raisins, one-half cup of citron. Bake in a loaf. The raisins and citron may be omitted if not cared for.

White Loaf Cake.
 One-half cup of butter, one and one-half cups of sugar, one cup warm water, two and one-half cups of flour, two heaping teaspoonfuls of baking powder, one and one-half cups of chopped English walnut meats, whites of four eggs, beat stiff.

Cake.
 Two and one-half cups sugar; one cup butter; three eggs; one cup cold coffee; one teaspoonful cloves, cinnamon, allspice, nutmeg; three cups of flour; one teaspoonful of soda dissolved in hot water; one and one-half cups raisins. Bake in a long pan and leave room to raise.

Baked Winter Squash.
 Boil and mash the squash, and when cold beat up light with one tablespoon of soft butter, two eggs, three tablespoons of sweet milk, salt and pepper to taste. Put in a buttered baking dish, sift bread crumbs over the top and bake in a quick oven.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

Heider Eveners Saves Horses and Labor.
 Heider Eveners are made for two, three, four, five and six horses. Their four-horse plow evener works four horses abreast on gang, sulky or disc plow, one horse in furrow, three on land. No side draft, easy to attach. They make clevises to attach their eveners to all plows. They also manufacture 3 horse wagon eveners, wagon double-trees, singletrees, neckyokes, etc. In eveners insist on getting Heider's if you want the best. If your dealer can't supply you write the factory at once. Heider Mfg. Co., Dept. 13, Carroll, Ia.

Piano Bargains

Used and reduced instruments taken in exchange by us on new Pianos. Some returned from rental, all uprights. We ship pianos anywhere on approval.

\$350 Kellar Bros.	\$ 95	\$325 Estey	\$190
\$275 Weser Bros.	115	\$300 Everton	195
\$300 Crown	125	\$325 Foster	220
\$400 Chickering	135	\$350 Ivers & Pond	225
\$250 Gilbert	145	\$325 Schiller	240
\$300 Royal	160	\$350 Story & Clark	265
\$275 Marshall	165	\$350 Armstrong	265
\$275 Irving	170	\$375 Story & Clark	285
\$300 Vose	175	\$375 Story & Clark	285
\$300 Bradley	185	\$650 Autopiano	500

Payments \$5, \$6, \$7, \$8, \$10 monthly. These are big bargains for cash buyers. Organs taken in exchange at fair market valuations. Send at once for complete list of bargain instruments. Our stock is large, many more to select from.

Mention what instrument you want to consider, give description of organ if you have one to exchange, what payment-plan you want, weekly, monthly or quarterly and how much. Let us hear from you at once.

E. B. Guild Music Co.,
722 Kansas Ave. Topeka, Kansas

THE BEST PLACE TO BUY A PIANO.

QUARTERLY STATEMENT

of the **BANK OF TOPEKA**

At the close of business, December 31, 1909.

Deposits guaranteed under the Bank Depositors' Guaranty Law of the State of Kansas.

Resources.		Liabilities.	
Loans	\$1,818,573.25	Capital	\$210,000.00
Real estate	14,634.40	Surplus and profits	291,256.68
Furniture and fixtures	3,500.00	Rediscounts	45,000.00
Bonds	163,946.59	Deposits	2,060,904.66
Cash and exchange	606,507.10		
	\$2,607,161.34		\$2,607,161.34

DIRECTORS.

J. R. Mulvane, President; A. W. Knowles, Vice-President; J. W. Thurston, Cashier; Joab Mulvane, A. Washburn, Howel Jones, J. B. Griswold, M. A. Low, T. B. Sweet, Chas. Wolff, W. H. Davis.

1910 Will Lead For High Priced Pork.

DIETRICH & SPAULDING and A. L. ALBRIGHT Will Sell JAN. 22, at OTTAWA, KAN.

50 - POLAND CHINA SOWS - 50 BRED FOR EARLY FARROW

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

A. L. ALBRIGHT

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

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

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

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

Anti-Friction 4-Burr Mills Double the Capacity of Gearing Mills.
 Two-horse mill has 24 ft. grinding burrs. (two set) all grinding at once, and grinds from 25 to 60 bu. per hour. Four-horse mill grinds from 60 to 80 bu. per hour.—30,000 Bu. WITH ONE SET OF BURRS: I have ground with one set of burrs more than 30,000 bushels of corn with my Mogul No. 1 mill and the burrs are still in good condition.—F. F. Craig, Mt. Carroll, Ill.
 Two complete mills in one, has double the capacity and double the durability. ABSOLUTELY NO FRICTION OR GEARING. Will earn cost price in three days. The largest ears of corn to these mills are like popcorn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our FAMOUS IOWA NO. 2 for \$12.50. Send for our free Catalog.
Bovee Grinder & Furnace Works, 118-8th St., Waterloo, Iowa.

Seeds Free 5 PACKETS FOR TRIAL
 We have arranged to give each new customer ABSOLUTELY FREE five regular sized packets of our Superior Guaranteed Garden Seed, your selection. Write today for 25c certificate which entitles you to these free packets and our big 100-page illustrated catalog so you can make your selection. Our seeds are the gardener's friend when tried. Write today.
A. A. Berry Seed Co., Box 200, Clarinda, Ia.

GALBRAITH "NEW LAND" FRUIT TREES FREE FROM DISEASE GROW FASTER
 Nebraska trees thrive best everywhere—famous for heavy fruiting. Apples and Peaches 5c. Catalpa Speciosa, \$2.00 per 1000.
 We sell direct—no agents—save you one-half and pay freight. We comply with all requirements for interstate shipments. Catalogue with special premium offers free.
THE GALBRAITH'S NURSERIES Co., Box 22, Fairbury, Neb.

BEGIN NOW

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

GEORTEL CO.
187 Kentucky St. QUINCY, ILL.



RAYO INCUBATOR

SAVES Money, Labor, Oil.

NOTE: 1st—Double heating system gives equal radiation.
2nd—Turn eggs without removing tray.
3rd—One filling of oil tank for entire hatch. 70 day trial guarantee. If not as represented return and money refunded. Freight prepaid. Write for Free Book. **The RAYO INCUBATOR CO., Wash. St., Blair, Neb.**

BIG POULTRY BOOK FREE

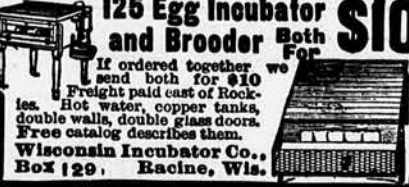
104 pages tells how to build houses, run incubators, care for the chicks, get winter eggs, etc., in fact all about how to make big money with poultry. Price 50 cents, but it is Free with one year's subscription to the Poultry Tribune, a big monthly Poultry Magazine of 50 to 100 pages each month, finely illustrated, and full of the very best poultry information from the pens of the most successful poultry men and women in the United States; 50 cents per year, and the Big Book Free. Sample 5 cents.

R. R. FISHER, Pub., Dept. 22 Mount Morris, Ill.

125 Egg Incubator \$10 and Brooder Both

If ordered together we send both for \$10. Freight paid east of Rock-Isle. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

Wisconsin Incubator Co., Box 129, Racine, Wis.



Sam Thompson Says

TRY My New Fairfield Incubator 2 Hatches FREE

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

Get My New Catalog and My Special Free Trial Offer Now

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

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



A SURETY BOND WITH EVERY GUARANTEE



Sure Hatch Incubator

Every purchaser of a Sure Hatch Incubator actually receives a \$1,000,000 Surety Bond, issued by the Bankers' Surety Company of Cleveland, Ohio. This bond absolutely protects every Sure Hatch owner. It backs up our liberal guarantee.

You run no risk when you order a Sure Hatch Incubator, for we ship them freight prepaid on 60 days' Free trial. Your money is safe with us, for you hold the Surety Bond.

The Sure Hatch is in a class by itself. It is the best machine built for hatching. It is the only incubator that any reliable Bonding Company is standing behind.

If you want to be sure of Incubator success in severest weather, order a Sure Hatch to-day and try it at our and the Bonding Company's risk.

Sure Hatch Incubator Co., Box 44, Fremont, Neb.

SURE HATCH INCUBATOR CO.

Box 42, Fremont, Nebr.



"MONEY"

Can buy no better Hatches more chicks Uses less oil

Fire Proof Automatic Prices Low

Freight Prepaid 10 year guarantee Catalogue Free Write for it today

SAFETY HATCH

Clay Center Inc. Co., Clay Center, Kansas.



BARRED ROCKS—Bred for beauty and profit. 81 premiums. Stock for sale. Eggs for hatching. Address, Mrs. D. M. Gillespie, Clay Center, Kan.

The week before Christmas, eggs in New York City were selling at 55 cents per dozen, with a prospect of a higher price before the holidays.

We cannot expect New York prices for our products here in the West, but fresh eggs are bringing a very profitable and satisfactory price to the poultryman.

If you own some choice, pure bred poultry, keep them comfortable and clean; feed on pure and nutritious feed and breed only from selected birds, even of choice stock. Nothing degenerates so quickly as poultry. Poor shelter, bad care and musty feed, will in a few generations, make scrubs of the finest fowls.

See that good nests are provided for the laying hens, otherwise many an egg will be broken, dropped on to the hard bottom of a box good long straw or fine hay, makes a better nest than chaff of cut straw, for many hens will get into a nest of cut hay or chaff and turn it over and over, expecting to find some grain among the chaff, until they break any eggs that may be in it. Then they eat the broken eggs and form the bad habit of egg-eating.

Now that the ground is covered with snow and sleet, carry an armful or two of litter from the barn and scatter in the poultry house or in the shed adjoining, so that the fowls may scratch in it and be healthy and happy. A happy, lively hen is the one that lays. A basketful or two of alfalfa leaves from the haymow is also a good thing to scatter in the hen-house. The hens will eat lots of it.

The State Poultry Show, which is to be held at Wichita, Jan. 10 to 15, is going to be a big affair. Already entries have been received from several States, and the Wichita fanciers are doing all in their power to make the show a success. The daily and weekly papers of that city are advertising it very extensively. It will be a fine place to advertise your stock. Be sure to send some of your birds to the stock show.

Sometimes one is taught by accident, and instead of rising up by his own exertions is really forced up. A farmer whose hens were only scrub stock was satisfied with them and had no use for fancy stock, as he styled the pure breeds. A debtor induced him to take a Brahma cockerel as payment for \$1 due. The farmer usually marketed about 200 chickens in the fall, mostly adults, which did not exceed five pounds each in weight. The first year after obtaining the Brahma, he sold 100 of the cross-bred fowls, which averaged seven pounds each, at 10 cents per pound, or \$70, while from the others at the same price per pound, he only realized \$50 per 100 fowls, making a gain of \$20 in favor of the Brahma. He had also learned something, for the next season he used a Dorking male with some half-blood Brahma pullets and the average weight of his fowls was eight pounds, for which he got 12 cents per pound, or two cents for quality, the hundred fowls bringing nearly \$100, all due to having improvement forced upon him.

According to one of the financial experts on the Wall Street Journal the nominal value of a hen based on her earning capacity is \$30. Perhaps this fact has been communicated to the ladies of the barnyard and has imbued them with so much pride in their worth that they think it beneath them to labor any longer in their own peculiar field. This may account for the scarcity of eggs at the present time and their high prices. But these remarks are a little beside the point. In getting at the real value of a hen the Wall Street Journal discourses as follows:

"From December, 1908, to December 1909, farm price of eggs ranged from 10 to 26 cents a dozen while price to consumer ranged from 30 to 60 cents. There will be produced this year no less than 1,500,000,000 dozen eggs, which at 20 cents will represent a value to the farmers of \$300,000,000, a cost to the consumer of \$540,100,000.

"Net profit per hen a year is figured, perhaps somewhat too high, at \$1.50 per hen. This profit according to Wall street standards, capitalized on a 5 per cent income basis, would place a nominal value of \$30 on each hen. For 150,000,000 hens this would amount to \$4,500,000,000.

My Big Poultry Book is Ready

SEND me your name and address now for my Big 1910 Free Book about MY 1910 "OLD TRUSTY" Incubator. It's like my Incubator and Brooder Factory—built by practical people to do the practical work. I write my book every year myself—put my life-experience into each number—include the experience of successful chicken-raisers out of the 150,000 who have bought "OLD TRUSTIES," and this year I give you over 200 pages of common sense on chicken-raising, illustrated with over 1,200 (mostly new) photographs, which have been sent me by my friends from all over the world.



If you know the kind of a book that I write for you, you'll want this one. It's the best I've ever written. Just write me, and I'll send it to you if you are interested in raising chickens for the Biggest Profits.

M. M. Johnson
(Incubator Man)

GET MY PRICE

Write Me a Postal Now, or on the Coupon Below, and I'll Tell You How Much Less than \$10 It Will Be Anywhere You Live; All Freight Prepaid by Me, East of the Rocky Mountains.

"Old Trusty" is made of California Redwood—metal-encased—practically runs itself—double-walled, and has a heating system absolutely superior to any other incubator, because the heat is radiated evenly in all parts of the egg chamber. It has a double direct-acting regulator, so reliable that "Old Trusty" could actually be run without using a thermometer, though equipped with best one made. Patent jacket, enclosing boiler, saves 15 to 50 per cent of the oil. Nothing superfluous—everything practical. Every part made for use.



Safe and Sure Johnson Pays the Freight

My 1910 Old Trusty Safe and Certain Incubator

It's Metal-and-Asbestos-Encased All Around the California Redwood from Top to Bottom—Legs Metal, Too

40, 60 or 90 Days' Trial
(Enough to get three hatches)

Freight Prepaid

To Your Railroad Station Anywhere East of the Rocky Mountains

10 Years' Guarantee
(Johnson's Own Guarantee of Durability)

Also 75 Per Cent Better Hatches Guaranteed

Remember—I just ask you to write me a postal card or a letter, or the coupon below, and let me send you my new book, telling the successful experiences of thousands of beginners and old-timers at chicken raising. You decide for yourself what you think of Johnson and his New "Old Trusty" when you read my book. I just want you to let me quote you a price on an "Old Trusty," so that you can try it on my plan, which is the most liberal in the world. When I hear from you I'll tell you how much less than \$10 an "Old Trusty" will cost you, anywhere you live; and I'll pay the freight to you east of the Rockies to let you prove it out. Prompt shipments, too.

Now, just write me, no matter whether you are an old friend of mine or a new friend.

M. M. Johnson
(Incubator Man)

Clay Center, Nebraska

Out Out This Free Book Coupon and Send Me Your Name

Big, New 1910 Book FREE COUPON

M. M. Johnson, Clay Center, Neb.

Send me Your New 1910 "Old Trusty" Incubator Book, Free, and Price (less than \$10)—Freight Prepaid to my station.

Name.....
Town.....
State.....

THOMAS OWEN
Topeka, Sta. B, Kansas.
Breeder of
WHITE PLYMOUTH ROCKS
Exclusively.
A few good cockerels for sale.

WANTED.

Good hatchable eggs in quantity; can use your entire output from pure bred stock (different varieties) from January to October. Why bother with small orders when we will take all as fast as the hens lay?

FOR SALE.

1-day chicks (different varieties) any quantity, any season, full count and live delivery guaranteed.

CUSTOM HATCHING AND BROODING.

Eggs for hatching. Our egg contract circular and catalog free for the asking.

F. C. FISH POULTRY YARD & HATCHERY
New 1864 Main St.
After Jan. 1, 4334 Bellevue.
Both Phones.

Kansas City, Mo.

ROSE AND SINGLE COMB RHODE ISLAND REDS.

Good breeding and exhibition cockerels now ready to send out. Don't wait until show time of spring and take just what you can get. We are crowded for room and are making low prices. Few S. C. pullets in pairs, trios and pens. No R. C. hens or pullets for sale.

H. A. SIBLEY,
Lawrence, Kansas.

SHELLEY BROS.' BARRED ROCKS

always win. At Central Kan. Poultry Show Dec. '09., 14 regular and 4 special prizes. State Show and Cent. Kan. last season, and State Fair, 23 premiums, 14 first, 2 sweepstakes, \$10 cash special. Sales guaranteed. Circular free.

SHELLEY BROS.,
Elmdale, Kansas.

FOR SALE, 50 CHOICE BUFF ORPINGTON COCKERELS.

These birds are extra good; all from my prize winning pens. We guarantee every one to be first class. Prices reasonable.

WHITE BROS.,
Buffalo, Kan.

WHITE WYANDOTTES.

If you want the large Pure White kind, with bay eyes and yellow legs, write me. I have 200 for sale.

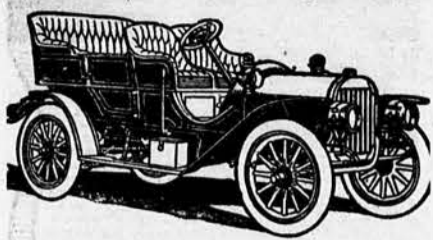
E. L. BOWERS,
Bradshaw, Nebraska.

5,000

Orpingtons, Rhode Island Reds, Leghorns, Rocks and Wyandottes for sale. Each variety bred on separate farms from prize winning stock. We will send catalog free.

L. M. HARRIS,
Clay Center, Nebraska.

Auto Bargains



700-HIGH-GRADE USED CARS ON SALE. THEY ARE BETTER THAN CHEAP NEW CARS AND COST LESS.

WHY THEY ARE BETTER.

Made of sound material, they are built to last, they are better as invariably proven, after a year's running than when new; besides, after being "worked in" there is no chance of trouble from faulty design. When you hear of a car lasting from six to ten years you will find it is a high grade make so referred to.

SOME OF THE MAKES WE OFFER.

With no interest in pushing any particular make we offer you the advantage of being able to select from all the reliable makes with the assurance that we do not deal in any but cars of known quality and worth, such as the Pierce-Arrow, Stevens Duryea, Packard, Peerless, Rambler, Stearns, Lozier, Mitchell, Locomobile, White Steamer, Mitchell, Oldsmobile and dozens of other high grade makes too numerous to detail in limited space here, but which are specified in our Bulletin (free on request).

WHY WE CAN SELL AT SUCH LOW PRICES.

We are the largest dealers in the world in new and second hand automobiles, and constantly keep in touch with enthusiastic owners who get the advance models which makes them anxious to dispose of their present cars with the least possible delay. This is where our prompt deal and spot cash methods enables us to buy cars at figures so low that we can afford to sell cheaper than any dealer we have ever encountered. Besides, buying and selling in such enormous quantities we do not have to hold out for large profits on individual sales, preferring to rely for our remuneration on the volume of business.

CARS FOR PLEASURE & BUSINESS

While in the large cities we sell mostly touring cars, roadsters and cars used in the pursuits of pleasure we have come to realize the other field for the use of the motor car—that of light transportation and are prepared to fill any requirement in that direction, so if you want a car for business or combination write us your wishes and let us advise with you.

WE ARE SURE TO HAVE THE CAR YOU WANT

Our Bulletin (free on request) contains a large list with descriptions and prices of very many well known makes comprising runabouts and roadsters \$100 to \$1,200; all sizes and makes, small touring cars, \$250 to \$1,150; large touring cars \$500 to \$3,000. Every car we sell leaves us only after it has been thoroughly overhauled in our own shops and is guaranteed to be exactly as represented.

References: Dun's or Bradstreet's, N. Y. City, or Bank references any city.

TIMES SQUARE AUTOMOBILE CO.

KANSAS CITY—1701-1703 Main St.
ST. LOUIS—Cor. Pine and 18th Sts.
CHICAGO—1332-1334 Michigan Ave.
NEW YORK—215-217 West 48th St.
PHILADELPHIA—238-40 N. Broad St.

SHOEMAKER'S BOOK ON POULTRY

and Almanac for 1910 has 224 pages with many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about incubators, their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickenhood. You need it. Only 15c. C. C. SHOEMAKER, Box 840, Freeport, Ill.

L. M. PENWELL

Funeral Director and Licensed Embalmer.
511 Quinoy. Topeka, Kan

TAX DEEDS. If you have old mortgages, or ever lost land by Tax Deed, write Lawyer, Lock Box 338

"That the American hen can return a yield of 5 per cent per annum on a capitalization of \$4,500,000,000 appears nothing short of remarkable. The outstanding capital obligations of the railroads in 1907 were less than four times this amount for \$16,082,146,683 while the total in interest and dividends represented but 4.05 per cent of this amount."

Much comment has been devoted to this editorial. Some of it points out that the prices which the farmers get for their eggs and the price for which they are sold to consumers at certain seasons of the year are much cheaper than the minimums used by the Wall Street Journal as a basis for its figuring. But no one doubts that the deductions are relatively correct and that the hen is an intensely valuable bird.

Nor is the rooster without a friend at court for the editor of the Weekly Financial Review issued by I. S. Bache & Co., one of New York's most prominent banking houses, reflects on the Wall Street Journal's editorial in the following vein: "This article is evidently written by a suffragette, as no mention whatever is made of the male element. The capitalization is undoubtedly all in preferred stock. It may be boldly asked if a Wall street hen preferred is worth \$30, what is a common rooster worth?"—Topcka Daily State Journal.

It is very gratifying to all poultrymen to note that the "old hen" is coming to her own and to learn that she is beginning to be appreciated at her true value. When the daily papers of the nation begin to sit up and take notice of the poultry industry, there must be something in it. For years the poultry business was looked down upon as beneath the dignity of business men and suitable only for women and children, but notwithstanding all the calumny, the old hen has been doing business faithfully, earning her dollar and a half a year, year and year out, until now, even the magnate of Wall street are beginning to realize her true value.

While \$30 for a prize-winning pure bred hen is not an exceptionally high price, still that every common, everyday business hen is worth that much money is something to take cognizance of. Suppose the assessors of Kansas were to assess all the hens at their full value of \$30 each; wouldn't there be a howl! Still, is this was done, she doubtless would be appreciated much more than she now is at the low estimate put upon her. A farmer who has two or three hundred laying hens, which is not an unusual thing, has a capital of from six to nine thousand dollars paying interest at the rate of 5 per cent per annum. One thing not often taken into consideration when computing the value of the hen, is her ability to pick up her own living from the waste material on the farm; material that without her help would be irretrievably lost to the farmer. Also the good she does by consuming myriads of insects and bugs, that if left unmolested would prove of great injury to the fruit and other crops on the farm.

Poultrymen deserve great credit for believing in the capabilities of the hen and sticking to her through thick and thin, when to believe in her meant obloquy and derision. Hats off to the chicken men, and all hail the humble hen.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

The Climax of Manure-Spreader Value—\$83.50 Freight Paid

Value boosted—price dropped—on the spreader that has led them all in quality for 17 years—that's your opportunity this season. We jump years ahead again, with 19 improved features—all found on no other spreader made. Yet, with increased facilities and the largest output in the business, we slash prices while increasing values. Others have always imitated the old famous "American" as closely as they dare—even imitated the name of our machines—that's why we now call it "Detroit-American." But don't be blinded by claims—get the books and compare. Note our offers—

30 Days' Trial—Cash or Credit

Get our proposition before you buy—see why others are getting excited, making extravagant promises and harping on price, with little to say about construction. But do they even beat these prices with their makeshifts? We deliver to you, freight prepaid, in Michigan, \$83.50; in Indiana or Ohio, \$85.00; in Illinois, \$86.50; in Wisconsin, Iowa, Minnesota or Missouri, \$90.00; and these figures are for a spreader that is better than any one thought a spreader could be—the improved—

Detroit-American

Made in all sizes. More steel used than in any other spreader; cylinder all steel; steel rake and end gate; simplest feed—6 changes made from seat; the only direct chain drive—no gears; lightest in draft—all together 19 special features.
Free Books—The best published on value of manure; how to spread, etc., and how to buy at the right prices on the right terms. Shows and prices the original Tongueless Disc and the finest line of Cultivators too. Send coupon or postal today.

AMERICAN HARROW CO.

10149 Hastings Street Detroit, Mich.



Are Automobile Sales Proof of Buying-Power?

Profitable sales, understand, of grade machines—are such sales, proof that the readers of standard farm papers are good prospects for every sort of high-grade merchandise?

Know, then, that standard farm paper advertising does sell automobiles. "Our present contract for advertising in the farm papers you represent will shortly terminate," writes the Maxwell-Briscoe Motor Co., "and without hesitation, we are glad to inform you that we will entertain a new one just as soon as you can make it your pleasure to wait upon us. We may add that the intelligent character of the questions put to us by your readers manifests careful reading."

"You may be interested to know that we have credited to your paper for October," writes another automobile advertiser, whose name we are not at liberty to mention, "a total of seventy-nine replies, which figures about \$1.16 per inquiry. This is the lowest cost per inquiry of any paper we have used the past month."

If a man is prosperous enough to buy an automobile, he is prosperous enough to buy the kind of shoes, hats, canned goods, furniture, or anything else he is induced to want.

If a publication can head the list on automobile sales it can head the list on general lines.

It's purely a matter of percentages. Advertising costs so much per thousand; replies at so much apiece indicate the number of people in each thousand prosperous enough to buy.

When a greater number of readers of plain farm papers signify a desire for automobiles than from fancy magazines, it proves a larger proportion of automobile prosperity.

It's purely a matter of percentages, and the man in the silk hat and spike-tailed coat doesn't always have the biggest bank balance, or write checks easiest.

It is the big percentage of prosperous unprejudiced readers which have brought the results which have earned the following papers their title of

"FARM PAPERS OF KNOWN VALUE."

- THE KANSAS FARMER
- WALLACES FARMER
- THE WISCONSIN AGRICULTURIST
- THE INDIANA FARMER
- THE FARMER, ST. PAUL
- HOME AND FARM, LOUISVILLE
- THE DAKOTA FARMER, ABERDEEN
- THE OKLAHOMA FARM JOURNAL
- THE OHIO FARMER
- THE MICHIGAN FARMER
- THE BREEDER'S GAZETTE
- HOARD'S DAIRYMAN

And the man who is looking for sales at a profit will be interested to know what standard farm papers advertising is doing for canners, men's clothing, women's clothing, soaps, dress goods, and scores of other general lines. Where shall we send this data?

GEO. W. HERBERT, Special Representative, First National Bank Bldg., Chicago.

WALLACE C. RICHARDSON, Inc. Eastern Representative, 41 Park Row, New York.

ADDY'S CLOSING OUT Duroc Jersey Sale
Parnell, Mo., Monday, Jan. 24

We have sold our farm and on the above date will disperse our entire herd including the great boar, W. L. A.'s Choice Goods, 40 matured sows and fall yearlings and 25 spring gilts, daughters of such noted sires as Proud Advance, W. L. A.'s Choice Goods, Model Chief 2d, The Chiefs Col., Nebraska Bell's Ohio Chief, Crimson Wonder Again, Crimson Chief, Harding's Proud Advance, etc., sows that have proven their worth and made our herd headquarters for the best. The result of 20 years of effort in buying the best blood and mating the best specimens of the breed. Everything bred for spring farrow, as far as possible to W. L. A.'s Choice Goods. The others to our other herd boars. We will appreciate every breeder's presence. Catalog gives complete information. Write for it. Rids may be sent to Jesse r J. W. Johnson in our care at Parnell.

W. L. ADDY & SON, Parnell, Mo.

KANSAS FARMER

TATE FARMERS INSTITUTE

Over Eight Hundred Farmers Met in Manhattan December 22, 1909, January 1, 1910.

During the last year a large corps of Farmers' Institute workers and instructors from the Kansas State Agricultural College have been busy in the county and local institutes of the state. They have lectured upon and demonstrated scientific agricultural investigation and better methods of farming. The mails have carried large amounts of bulletins and other literature relating to agriculture, and special trains have made tours of the state. This is taking the College to the people. Last week from December 27 to January 1, the people came to the college, when it opened its doors to the State Farmers' Institute. Almost 700 persons, most of them boys and girls, sent by the local institute of their respective neighborhoods were enrolled in the classes. Besides these there were a large number who came to the conferences of the various organizations of agricultural interests that met at the college during the week. The dairymen and creamerymen of Kansas effected organizations; and the horse, the sheep and the swine breeders associations convened. Conferences of millers and wheat growers, and of County Highway officers were held and the corn show and the poultry show brought a large number interested in these lines. In short, almost every phase of agricultural interest was represented.

The State Farmers' Institute this year has been the most successful ever held.



CASH FOR FURS

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

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

LET US TAN YOUR HIDE.

Mr. Stockman, what difference does it make to you when you send your hides away to be tanned and made up into coats, robes and rugs, whether the distance is less or more, so long as "Crosby" pays the freight both ways when three or more cow, steer or horse hides are sent in one shipment?

Why not send them to the oldest and largest establishment of the kind, where you will be sure of good results in that way you can get better and cheaper fur goods than you can buy.

Figure on it and get our illustrated catalog, which gives prices and a lot of other useful information. Address

The Crosby Frisian Fur Company,
Rochester, N. Y.

SHIP YOUR HIDES & FURS

direct to Biggs & Koch and you will get the highest prices and save all commissions. A square deal and quick returns. Full weights and honest grading. One hide, one skin or a car load. No matter whether you are a trader or trapper, farmer or dealer we can do you good and make you money. It will pay you to write us for price list and FREE shipping tags. Fur shipments held separate on request, and your furs back if our returns are not O. K. "Trappers Guide" free to shippers. Write today for catalogue of Trappers Supplies.

BIGGS & KOCH,
937 Liberty St., Kansas City, Mo.
Largest hide and fur house in Southwest. Estab. 1882

Breathe Pure Fresh Air While You Sleep

THE AEROLO—Sleeping out of doors in the house. For consumptives, the weak and debilitated. The Twentieth Century Cure—PURE FRESH AIR. Full directions for setting up and operating go with every Aero. Write for particulars.

W. L. HOFER CO.,
Manhattan, Kan.

1,000 Violet Dinner Sets Given Away

Dear Madam—I want to give you one of my beautiful 31-piece Violet Dinner Sets. Each piece decorated in the center with a large bunch of violets and bordered with a pretty design in gold and every piece is absolutely perfect in color, glazing and decoration. You can have one of these splendid sets for doing just a little work for me that is easy and pleasant and will take very little of your time. Just send me your name and address, and I will send you free a handsome three-colored lithograph, showing the dishes just as they are, and will tell you how easy it is to get the set. Send no money, just your name and address today.

A. M. Piper, D 3, Des Moines, Iowa.

Not only is this true in point of attendance, but in the live interest displayed. There was no evidence that anyone came through idle curiosity; everyone evinced a purpose to observe, study and learn. And the opportunity was unequalled. On the College grounds were to be seen some of the championship show stock of the world, the prize winning corn exhibits of many shows, and the well equipped laboratories were open to the use of the students. Classes were offered the men and boys in corn judging, stock judging, dairying and poultry management. Women and girls were given work in domestic science and art. The actual laboratory and practice work was supplemented by lectures and demonstrations. These were given by the very best of authorities on the various subject speakers from various state universities and the Department of Agriculture at Washington.

Every evening the large auditorium was thrown open to everyone, students and visitors. Lectures and demonstrations were given, many of them made especially interesting and instructive by the use of stereopticon slides thrown upon a screen.

Prof. C. P. Hartley of the U. S. Department of Agriculture gave some very valuable lectures about corn-breed and corn variation. He told of the results of experiments which he himself had carried out in corn growing. There was no pretty but useless theory here; the practical nature of his work was set forth when he said:

"It is not always the nicest looking ear of corn that is the best; hence the necessity of making "ear to row" tests in order to determine which ears are really the highest yielders. My idea of a score card for corn is "Yield of good corn per acre 100 points."

CORN BREEDERS MEET.

The Kansas Corn Breeders Association held its annual meeting and corn show. Exhibits of corn were better than at any previous show and the large gymnasium room was filled with samples of Kansas grown corn. Mr. Crabtree of the Institute Department had an exhibition of variety tests of corn which had been tried out on some of the demonstration farms of the State. Another display that attracted much attention was the world's championship bushel of corn which was shown by Arthur Capper.

Corn contests were open to both men and boys and more than 250 entries were made, the larger part of them being in the boys class. The corn submitted by the boys showed a greater knowledge of selection and a better quality than in any previous contest, and was a tribute to the efficiency of the training received by them in the corn judging work of preceding years. It is worthy of note that the three highest places were taken by corn grown by boys who had procured pure bred seed corn from the College. Prizes were awarded to the value of \$860.

All corn shown in the Farmers' Exhibit became the property of the Corn Breeders' Association and was sold at auction. The first prize white corn—10 ears Boone County White was purchased by J. M. Stimpson and Son of El Dorado, Kan. for \$25.00; the first prize yellow corn going to O. E. Morse of Mound City for \$12.00.

Corn breeders listened with interest to an address given by Dr. J. H. Pettitt of the University of Illinois, on Soil Fertility, and to Prof. Thos. Cooper of Minnesota on the Cost of Producing Farm Crops.

IN THE HOME ECONOMICS DEPARTMENT.
The work at the Domestic Science and Art building was of great interest. Large classes of women and girls were organized in both cooking and sewing. Each day demonstrations were given before the classes by instructors of the College, in addition to the laboratory work of the student. Exhibitions of cooking were shown, the loaf of bread taking first premium being baked by Miss Laura Richards of Lyndon, Kan. The students were deeply interested in the lessons on drafting. Dresses and samples of needlework performed by the students were a feature of the display. Professor Rose Bouton of Nebraska gave some instructive talks on Home Economics.

A most interesting feature was a meat cutting demonstration by Mr. T. C. Patterson of the Animal Husbandry

Department of the College. Comparisons were made between the carcass of a prime steer and that of a poorly fed cow, the different cuts being made and passed about for study.

Following this, President Waters told how the fat of an animal is laid on. He gave results of investigations, pointing out the way in which fat is first deposited in the animal body and how the value of each part is enhanced thereby. He added further that the amount of fat necessary to produce a valuable carcass is of interest in the economy of meat production. That the beef animals must be improved especially with respect to breeding for this purpose.

MILLERS AND WHEAT GROWERS.

Thursday was the day of the conference of the millers and wheat growers of the state. Ways of caring for wheat from the time it is harvested until it reaches the mill were discussed. Stacking, threshing, storing, and transporting were some of the topics and Professor Roberts presented some facts regarding wheat breeding. Mr. L. A. Fitz of the United States Department of Agriculture, explained apparatus used in North Dakota in testing of flour for milling and baking, and laid stress upon the desirability of such a plant planned on a larger scale, at the Kansas Agricultural College. On Thursday evening the millers met at the Commercial Club Rooms of Manhattan. They heartily endorsed the steps the College is taking in preparing to make milling and baking tests. A movement was also inaugurated whereby the millers are to provide \$5000 for co-operation with the College in the interest of better handling of wheat, and in the eradication of insect pests. In conformity with this plan the College is now looking for a man who may be put into the field to investigate these problems.

DAIRYMEN ORGANIZE.

The Creamery operators and the dairy farmers each held two-day conferences during the week. Beside Kansas dairymen of note, Professor Hæcker of the University of Nebraska and Mr. A. J. Glover, Associate editor of Hoard's Dairyman, addressed the conference. These speakers believe that the dairy cow requires shelter in Kansas as well as in any other dairy section; also that the silo is a most profitable investment and a factor which will vastly increase the possibilities of dairying in Kansas. Mr. Hinman of the Extension Department of the College discussed silo construction. He promises to lend assistance to any Kansas dairymen who may request it, by superintending the building of a silo.

The dairymen and creamerymen have each perfected strong organizations that will do much to increase the dairy activities of Kansas. Measures have already been adopted for protection against the oleomargarine interests. Mr. S. Goldsmith of Abilene is president of the Dairymen's Association.

POULTRY INSTITUTE.

The value of the poultry institute was much enhanced by the poultry show which was held at the College during the week. Lively sessions of the institute were held every day of the week, with lectures by prominent poultry breeders. Every phase of the poultry business was studied, including methods of breeding, feeding, incubation, housing and marketing.

These questions were discussed from the standpoint of the farmer and in keeping with the spirit of the whole institute, was intensely practical. The interest of the Kansas farmer in this industry was shown by the well attended meetings. Over 250 persons attended during the week. The theme of the work was quality, quantity in production, rather than fancy points.

GOOD ROADS.

The cause of good roads for Kansas received a lift by the conference of County Engineers, surveyors and road officers, which convened at the College December 31. Chief Engineer Pierce of the Office of Public Roads gave a talk, illustrated with a number of slides showing results of experiments in road building. He gave figures which showed that the amount paid by the Kansas farmer countenancing bad roads is an amount worthy of consideration. Mr. Curtis Hill, highway engineer explained ways in which native material might be used in road construction, rather than importing supplies at a large expense.

In an address before one of the evening conventions, President Waters set forth the position of the College in the following words:
"Education is now something adapted to and intended for the uses of the

Heider Eveners

Handiest thing on the farm. Saves horses. Lightens labor. 2, 3, 4, 5 and 6-horse eveners. The HEIDER 4-horse Eveners work abreast on gang, sulky or disc plow, one horse in furrow, three on land. Works free, no side draft, coupled short all horses pull equal and easy to attach. We make Clevises to attach our eveners to all plows. HEIDER 3-horse Wagon Eveners for wagon, manure spreader, grain drill, or any other implement with pole. HEIDER Eveners have many advantages over other kinds. YOUR DEALER for HEIDER Eveners. If he has none in stock accept no other. Write us for catalog and we will tell you where and how to get the best, strongest, most satisfactory Eveners made. We also make Wagon Doubles, Single Trees, Neck Yokes, etc.

HEIDER MFG. CO.
13 CARROLL, IOWA

Ask Your Dealer

BOWSHER

(Sold with or without elevator.)
Crushes corn (17. or without shucks) and grind all kinds of small grain, and feed stuff. Use Conical Shape Grinders. Different from all others.

LIGHTEST RUNNING.
(Our Circles Tell Why.)
Handy to Operate. 8 Sizes—1 to 20 h. p. On size for wind-wheel use.

Also Make Sweep Grinders both Gear and Plain.

C. N. P. Bowsher Co.,
South Bend, Ind.

FEED MILLS

CORN BELT MILL

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

Try it 20 days FREE

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

SPARTAN MANUFACTURING CO.
DEPT. 65 PORTLAND, ME.

Cement STOCK TANKS

Send for our FREE BULLETIN on how A. L. Saylor made a Stock Tank, Feeding Floor and Hog Dipping Tank on his Kansas farm with

Sunflower Portland Cement A dependable cement of great strength and uniformity. Makes an artificial stone superior to anything turned out in Nature's laboratory. Write for Bulletin

United Kansas Portland Cement Co.
829 Commerce Building, Kansas City, Mo.

WITTE ENGINES

USE GAS, GASOLINE OR KEROSENE

Are known by a superior standard of construction. 25 years of service has demonstrated their worth. Does work at lowest cost and is always ready to saw, grind, pump, shell or do any farm or shop work.

FIVE YEAR BOND GUARANTEE

We build all sizes in stationary or portable type. Hopper jacket or water tank cooling. Inducements to introduce in new localities. Write stating size wanted.

WITTE IRON WORKS CO.
677 West Fifth St. Kansas City, Mo.

GALVANIZED STEEL \$12.75 WINDMILL

Sold direct from factory to user at wholesale prices. Strongest guarantee. Send for catalogue. Prices will surprise you.

THE OTTAWA MFG CO.
702 King St Ottawa, Kansas

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

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

CURRIE WIND MILL CO.,
Seventh St., Topeka, Kansas

Read every word of our great Farm Library offer on page 5. It means dollars to you.

masses of the people instead of for the classes as in former times. President Schurman of Cornell University characterized the founding of the Agricultural Colleges of this country as one of the epochs of the educational history of the world. These colleges are exerting an inestimable influence upon the industrial pursuits of mankind. The farmer now looks to the agricultural college for advice and assistance in all his operations. The college produces seed for him to sow which will give yield and quality of crop; suggests methods of handling his soil to increase its fertility; supplies him with serum to protect his hogs against cholera, and vaccine to prevent his calves dying of blackleg; warns him of threatened invasion of insect pests and instructs him of the means to prevent it. In short, there is scarcely an important operation on his farm in which he does not rely upon the college for assistance. The college is rendering this assistance by instructing the army of students who each year enter its walls, by the institute workers who are at work abroad over the state, and by the bulletins and other literature which is sent out.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

Eastern Markets Good for Western Beef

Western beef is coming into its own. Not over a decade ago eastern buyers purchased range-bred steers only when they were unable to fill their feed pens from other sources, and usually offered a much lower price for this class of stock than they were willing to pay for that secured from other places.

Experience has taught these buyers, however that western range-bred steers are usually in the very best of health. They have a splendid frame upon which to build, are well muscled and boned, and being accustomed to the rigors of the western climate, continue to put on flesh in the eastern feed pens when cattle from other sections being fed under identical conditions, are losing flesh on account of the inclement weather conditions. This western steer only demands that he be given plenty of good fresh water and sufficient feed so that he may never be hungry and

What Every Farmer Wants

You Can Get It Free



Ask for Book No. 13

Forty Pages in Colors

Book containing the best information from the highest authority on selection and care of seed corn. You can get more and better corn without increased cost by following this book. Every page illustrated and printed in colors.

The fact that this book also contains a description of the

Deere No. 9 Corn Planter

the most highly perfected machine on the market, adds to its value.

Increased accuracy secured by the famous Deere edge-selection drop, means anywhere from ten to fifteen bushels per acre over the old style of machine.

Repeated tests have shown the above increase in favor of really accurate planting. We have plates for all kinds of corn and other seeds. Instantly changed from hill to drill drop without changing plates.

Fertilizer attachment that distributes either in hill or drill. The illustration shows the regular runner, but stud runner or disc openers may be had on special order. In fact, the Deere No. 9 is strictly up to date in all the real improvements.

Deere & Mansur Co. Moline, Illinois



Deere No. 9 Edge-Drop Planter Highest Accuracy in Drop

Wonderful Plow Invention

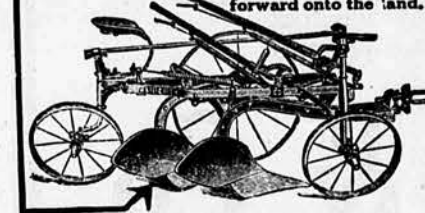
Think of this—one single plow, suited for all soils, all conditions, all purposes—a Universal Plow. Implement makers for 40 years have tried to make it and failed. WE HAVE SUCCEEDED. A year of field testing has proved it to ourselves and hundreds of enthusiastic farmers.

Think of this—a plow that will turn over SOD without kinking—turn under STUBBLE of any kind and not leave a bit of trash showing—turn under CORNSTALKS with the same perfection, every stool covered—which will turn a furrow 2 inches deep and cover all sod, stubble or cornstalks perfectly—or a furrow 8 inches deep under the same conditions equally well.

And, furthermore, will do this in ALL SOILS—sand, clay, waxy bottom, gumbo—stony or gravelly—and leave a perfect furrow with the bottom clean as a floor. No dirt spilled over into the furrow or slopped forward onto the land.

It seems almost too good to be

Note the peculiar corkscrew, auger-like twist of the mouldboard. A slice of any thickness spreads out evenly over the surface without crimping, and turns clear over, burying all trash completely. No spilling over into the furrow or slopping forward onto the land.



true, but we have proven it under every condition that will ever be met in farming—by field tests from the wheat fields of Canada to the cotton fields of the South, and from the sands of California to the waxy lands of Texas. It never fell down once, and practically every farmer who saw one of these field tests ordered a plow. It's the biggest thing for the farmer that has happened for years. It makes one plow do all the work that any kind of a plow will ever be called upon to do—and do it RIGHT. No wonder farmers get enthusiastic about it.

Performance Guaranteed

ROCK ISLAND UNIVERSAL (G.T.X.) BOTTOMS
Now Ready on our Liberty Gang Plow

Our wonderful invention has already started to revolutionize the plow business, and inside of a year or two there won't be a plow in the country which is not equipped with this modern miracle of mechanics. We shall eventually equip all our plows with this bottom. Our celebrated Liberty Gang Plow is already equipped. It has kept us so busy filling orders for this that we haven't been able to get to the others. The Liberty Gang has become so well known for ease of operation, easy draft and wonderful durability during the years it has given satisfaction in all parts of the United States, that no description is necessary, further than that it has all the good points of all gang plows with their weaknesses and disadvantages overcome. If you can use a Universal—all-purpose plow, which in one implement will do better work than all the plows you can buy put together, you must ACT QUICKLY. Our mammoth factory is already clogged with orders—it's a case of first come, first served. So order from your Dealer NOW for delivery as soon as possible, or when you need it—either one. Don't be put off—don't even look at anything else. There is NOTHING just as good or a hundredth part of it. Write us if you want descriptive circulars and nearest dealer's name. Will answer promptly, so the delay won't count against you.

ROCK ISLAND IMPLEMENT COMPANY
Kansas City, Mo.

he will always give a good account of himself and return many dollars in profits to the feeder when he is sold for the block in the spring.

These steers shed early under favorable condition, and when they have reached the stock yards they show an exterior finish that other cattle, lacking the same health and ruggedness, fail to show. This makes the western steers ready sellers on the market, and after they have been butchered the percentage of the weight of the dressed carcass over that of other steers under the same conditions is so perceptible as to immediately attract the attention of those keen, farsighted men who handle the yard end of the business.

The settlement of the west is rapidly reducing the amount of available range and is forcing the cattle to go higher and higher into the hills in search of forage. This is greatly increasing the importance of freely utilizing the ranges within the National forests, and every endeavor is being made by the forest service to open hitherto inaccessible ranges by the construction of trails and bridges, and unused arid ranges by the development of water. In these higher elevations the grass is usually much finer in quality and more nutritious, while the climate is much more vigorous; both of which conditions result in the animals being in better health and having more solid flesh when placed on the feeder markets in the fall. This fall has seen large numbers of the range-bred steers, most of which come from ranges within national forests, topping the feeder markets at all points where feeder steers are sold.

So great has become the demand for cattle of the quality mentioned that hundreds of stockmen throughout the West are selling their bunches of stock cattle and are beginning to handle steers exclusively. On the old ranges where a few years ago one was accustomed to see large herds of cows and calves, you will find today equally large bunches made up entirely of steers, some of which may perhaps have come from Old Mexico, some from Texas, while Arizona and New Mexico usually furnish their quota. These steers brought into these western ranges at from eighteen months to two years old. They become acclimated the first year, while in the second and third years they become sufficiently mature so that they may be taken to market.

The demand for cattle of this kind is greater than the supply, and as in all other cases where the demand is greater than the supply the price received on sale must constantly increase. That this is true of the steer business, one can easily ascertain through conversation with any one of the western stockmen who make this a business. They will tell you that they have made more money in the last ten years in handling strictly stock cattle.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

ONLY \$91.25
For My High Quality, Guaranteed 4½ H. P. Gasoline Engine

I AM making a specialty of a 4½ H. P. gasoline engine which is best suited for pumping water, grinding feed, sawing wood, shelling corn, operating cream separators, churning and for general farm work.

The Sensation of the Season is the Caldwell Special Gasoline Engine

I challenge the world to produce an engine of equal merit to my Caldwell Special that can be bought for the price I offer you my engine. Give me a chance and I will prove to your satisfaction that the Caldwell Special is the engine for you to buy, because I can give you better value for your money than any one else. I sell my engine direct from factory, and can save you the dealers' jobber's and catalogue house profit. If this money is as good to you as to the other fellow, write me and I will prove to you all that I say.

All I ask is for you to take the engine, try it free for sixty days on your own farm and if you are not fully satisfied with the engine and convinced that I have saved you money, return the engine to me and I will pay freight charges both ways and it will not cost you one single cent to secure the proof I offer.

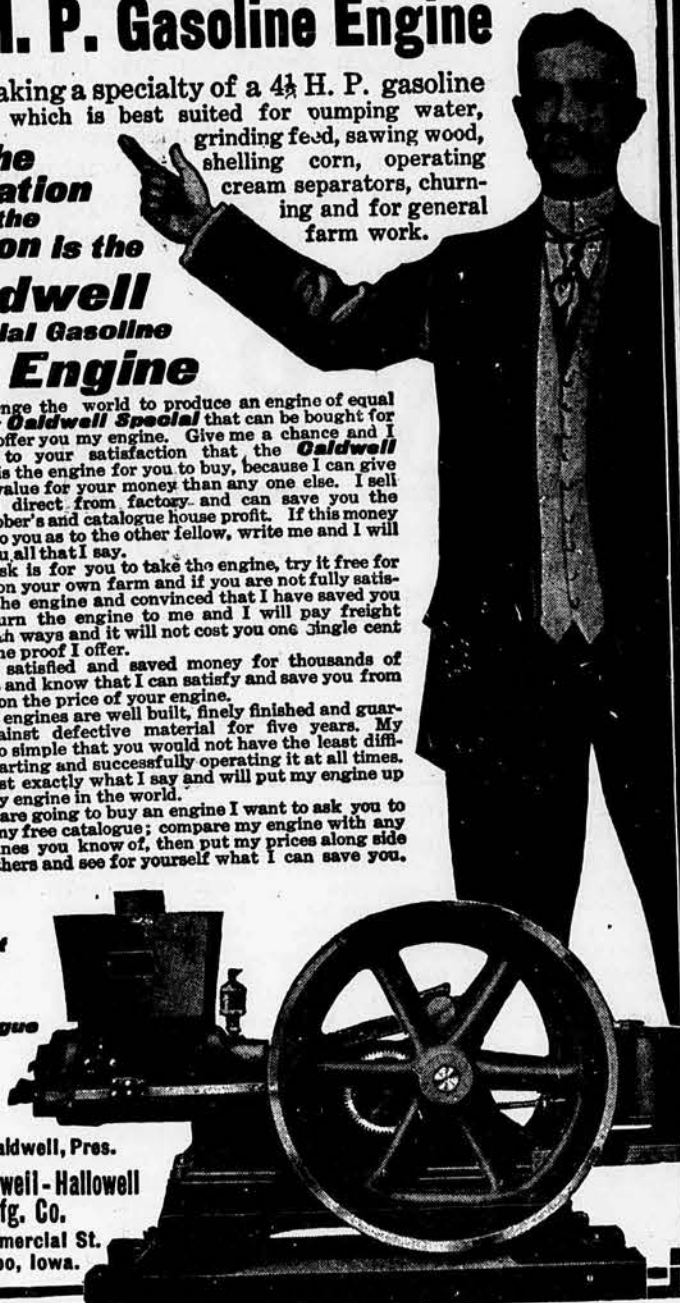
I have satisfied and saved money for thousands of purchasers and know that I can satisfy and save you from \$25 to \$100 on the price of your engine.

All my engines are well built, finely finished and guaranteed against defective material for five years. My engine is so simple that you would not have the least difficulty in starting and successfully operating it at all times. I mean just exactly what I say and will put my engine up against any engine in the world.

If you are going to buy an engine I want to ask you to write for my free catalogue; compare my engine with any or all engines you know of, then put my prices along side those of others and see for yourself what I can save you.

Write without fail for catalogue and price list.

J. D. Caldwell, Pres.
The Caldwell-Hallowell Mfg. Co.
506 Commercial St.
Waterloo, Iowa.



WICHITA

SUPPLIES THE UNITED STATES WITH FEED OF ALL KINDS,

WICHITA

THE OTTO WEISS ALFALFA STOCK FOOD CO., WICHITA, KANSAS

If You Have Cattle, Hogs or Sheep to Market

Or Are Thinking of Buying Feeders—

Remember, that upon your choice of a commission firm may largely depend your profits. Any banker, and any live-stock shipper for whom we have ever done business, will tell you that

Clay, Robinson & Co. Are "O.K."

We invite your consignments, whether large or small. Whether you are a feeder who ships only an occasional carload, or a regular shipper, you may rest assured of first-class service and highest market value.

Our feeder-buying service is unexcelled. Send us your orders for anything you want in the line of feeding cattle or sheep, and save money and worry.

Reliable market information and advice cheerfully furnished. Write us at whatever market you intend shipping to.

Clay, Robinson & Co. Live Stock Commission

Chicago
South Omaha
Denver

South St. Paul
South St. Joseph
East Buffalo

Sioux City
Kansas City
East St. Louis

STATE FARMERS' INSTITUTE.

(Continued from page 1)
corn breeders held their annual meetings and were open to the public. A number of conferences were held, with good programs, including butter-makers, dairy farmers, creamery operators, millers and wheat growers, swine breeders, road officers and farmers' institute officers. The Agricultural College poultry show was on all week. Prof. Wheeler is president of the organization and he put on a good show.

The state corn show which is held each year at the Agricultural College at Manhattan under the auspices of the Kansas Corn Breeders' Association is growing mightily. It is really two shows in one as it is divided between the boys who are the most numerous and most important, and the men.

This year, thanks to the activities of the Shawnee Boys' Corn Contest Association and the energy of the late Bradford Miller, Shawnee county had the largest representation in the state. This delegation numbered 32 boys and spoke volumes for the interest taken in this county.

In class A, of the men's contest, S. G. Trent of Hiawatha won the first prize for the ten best ears of yellow corn. His exhibit was one of the Reid's Yellow Dent variety. The second prize was won by O. J. Olson of Baker, Kan. He also showed the Reid's Yellow Dent corn. E. C. Lambach of Junction City won third on his exhibit of Hiawatha Yellow corn.

In class B, the first prize was taken by J. M. Gillman of Leavenworth on his exhibit of Boone County White. Second prize was won by F. C. Rice of Hiawatha on Boone County White and the third place went to S. G. Trent of Hiawatha for his exhibit of the same variety.

In class C, opened to any variety, E. B. Wilson of Williamstown, won first prize with his Bloody Butcher corn and second prize was taken by E. Wilson of Lawrence who exhibited the same variety. Third place went to F. A. Coffman of Manhattan, who also showed the Bloody Butcher.

In class D, for western Kansas corn, the prizes were awarded as follows: E. P. Laimoree of Russell, first; William Rose, Greensburg, second; E. C. Patterson, Greensburg, third.

In the boys' contest the sweep-stake and 'ne silver cup donated by the Kansas Corn Breeders' Association were won by Earl Willis, Manhattan, on his exhibit of Boone County White. The complete list of awards in the boys' contest is as follows:

EASTERN DIVISION.

- First prize—Earl Willis, Manhattan, Boone County White.
- Second prize—F. A. Coffman, Manhattan, Hildreth.
- Third prize—Homer Willis, Manhattan, Boone County White.
- Fourth prize—Paul Gilman, Leavenworth, Boone County White.
- Fifth prize—Lloyd Cochran, North Topeka, Boone County White.
- Sixth prize—Ingomar Burnett, Lacygne, Boone County White.
- Seventh prize—Philip P. Kelley, Hiawatha, Boone County White.
- Eighth prize—Lloyd Swihart, Lovewell, Boone County White.
- Ninth prize—John Welton, Ottawa, Boone County White.
- Tenth prize—Herbert Wright, Tonganoxie, Boone County White.
- Eleventh prize—Orville Burtis, Fredonia, Hildreth.
- Twelfth prize—Caleb Morgan, Hiawatha, Hiawatha.
- Thirteenth prize—John L. Groninger, Bendena, Boone County White.
- Fourteenth prize—Will Wilman, Saffordville, Hildreth.
- Fifteenth prize—Chester Engler, Topeka, Boone County White.
- Sixteenth prize—Frank Pearl, Rossville, Boone County White.
- Seventeenth prize—A. H. Dieball, Alma,

- Hildreth.
- Eighteenth prize—Lowell R. Darnier, Paola, Boone County White.
- Nineteenth prize—F. L. Kohler, Paola, Boone County White.
- Twentieth prize—Vernon Davis, Quenemo, Hildreth.
- Twenty-first prize—Alva Moore, Gardner, Reid's Yellow Dent.
- Twenty-second prize—Kirk Butner, Valencia, Boone County White.
- Twenty-third prize—Harry Liles, Topeka, Boone County White.
- Twenty-fourth prize—Harvey Ring, Loutsburg, Boone County White.
- Twenty-fifth prize—Harry E. Oyster, Paola, Boone County White.

WESTERN DIVISION.

- First prize—Orland Gauthier, Hill City.
- Second prize—Roy Kendall, Glade.
- Third prize—Ernest Brackburn, Hill City.
- Fourth prize—James Resley, Bunkerhill.
- Fifth prize—Elab Brandenburg, Russell.
- Sixth prize—Roger Greenwood, Wakeeney.
- Seventh prize—J. Roy Wolf, Bunkerhill.
- Eighth prize—Roscoe Moore, Great Bend.
- Ninth prize—Ernest Runft, Downs.
- Tenth prize—Earl Brandenburg, Russell.
- Eleventh prize—Levi Lamoree, Russell.
- Twelfth prize—Eddie Poika, Smith Center.

At the business meeting of the Kansas Corn Breeders' Association the following officers were elected: President, W. R. Hildreth, Altamont, Kan.; vice president, J. G. Haney, Oswego, Kan.; secretary, L. E. Call, Manhattan, Kan.; treasurer, J. C. McCarey, Manhattan; inspector, C. C. Cunningham, Hays; directors, S. G. Trent, Hiawatha; J. M. Gillman, Leavenworth; A. M. TenEyck, Manhattan.

MARKETS

Kansas City Stock Yards, Jan. 8, 1910.—Cattle supplies last week ran largely to short fed steers, on which class there was a decline of 15¢ to 25¢ for the week, but all other grades were scarce, and sold at stronger prices, except that stockers and feeders showed some weakness after the middle of the week. The run of cattle today is 9,000 head, and the market is strong to 15¢ higher, greatest strength today on she stuff and butcher grades, the kinds that led the market last week. Steers also show substantial improvement today, many sales 10¢ higher, although the top is \$8.85, which figure does not represent the full strength of the market, as prime steers would sell around \$7.50. Bulk of the steers sell at \$5.25@6.40; cows at \$3.00@5.25; heifers up to \$6.25; bulls, \$3.25@5.00; calves, \$4.00@9.00, all of which kinds, except steers, are at the winter's highest prices. Stockers and feeders are strong today, stock steers at \$3.25@5.00, feeders, \$4.00@5.25. Cattle receipts during the year 1909 were second largest on record here, and were two hundred thousand head more than the previous year, yet prices averaged highest ever known at close at \$43.00 per head.

Hog receipts show a big shortage for the year, in common with all the leading markets, but sheep receipts were heaviest on record here for any year. The extraordinary prices for all kinds of live stock last year made the total value of live stock received here during the year almost twenty per cent more than in any previous year, exceeding one hundred and seventy million dollars.

Hog receipts last week remained at holiday volume, and through the exhibition of extreme indifference packers were able to break the market 15¢ to 25¢ by the close of the week from the high point. The supply today is 9,000 head, and prices are 5¢ to 10¢ higher, top price, \$8.45; bulk of sales, \$8.15@8.40. The feature today is the strength shown in hogs weighing under 200 pounds, which kind sell up to \$8.40, a point nearer heavy hog prices than they have reached before this winter. One of the biggest buyers here stayed out of the market today, refusing to bid more than steady prices, and as his house will have to buy more heavily the balance of the week, their action today may help prices later in the week.

Sheep and lambs made a good gain in price last week, and the market is 10¢ higher today; run 6,000 head. Lambs brought \$8.60 today, and yearlings \$7.50, each a new high price for this winter. Wethers are worth \$5.25@6.00 and ewes \$4.75@5.50; goats around \$4.25. Receipts since the first of December show a decrease as compared with a year ago, indicating a shortage on feed this winter and light receipts ahead.

100 S. L. WYANDOTTES

Cockerels and pullets from birds that win at St. Louis and Kansas State Shows.
M. B. Caldwell, Broughton, Kansas.

EVERGREEN POULTRY FARM.

Choice Banded P. Rock cockerels, \$2.00 to \$4.00. Hens, \$2.00 to \$3.00. Eggs from yards, \$2.00 per 15. Farm range, \$6.00 per 100.

Effingham, E. LEIGHTON, Kansas.

FOR SALE.

Pure bred Banded P. Rock cockerels, hens and pullets from prize winning stock. Cockerels \$2.00 each, \$9.00 per 1/2 doz.; hens and pullets, \$9.00 per doz., \$5.00 per 1/2 doz. Hillcrest Fruit and Poultry Farm, A. C. Merritt, N. Topeka, Kan. R. R. No. 4. Ind. Phone 2180—R. 1.

WHITE HOLLAND TURKEYS

From prize winning stock; large bone, heavy and white. Toms, \$7; hens, \$4.
MRS. FOREST NAVE,
Lexington, R. D. No. 1, Mo.

Partridge Wyandottes

100 excellent farm raised breeders and show birds for sale; won 1st hen, 1st and 2nd pullet, 2nd cockerel and 2nd pen at Newton Poultry Show, Dec. 6-11, 1909. Write
W. R. Fretz, Arkansas City, Kan.

RHODE ISLAND BRDS.

from winning stock. Single comb and Rose Comb cockerels for sale at reasonable prices.

A. F. OVIATT,
Eldon, Mo.

KANSAS LAND

RANCH PROPOSITION.
1,760 acres smooth land, 3 1/2 miles Dighton, small improvements, 600 acres cultivated, a bargain at \$10.50 per acre; might give some terms.
WARREN V. YOUNG,
Dighton, Lane Co., Kansas.

BARGAIN.
400 acres near Hutchinson, Kan., very best in Reno county, \$67.50 per acre. Imp. worth over \$6,000; best of wheat, corn and alfalfa land, easily worth \$100 an acre; good terms.
McDERMED & GETTER,
Hutchinson, Kansas.

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

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

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

\$5,000 CASH.
Balance by owner, buys good 160 acre farm 2 miles from Arkansas City, Kan. 320 fine bottom farm at \$55 per acre. 160 all hog tight, good farm at \$50 acre. 240, most all Walnut river bottom, don't overflow, fine farm, at \$60 per acre.
Ask for our thirty page land list.
WM. GODBY CO.,
Arkansas City, Kansas.

A BARGAIN.
228 a., 1 1/2 mi. to R. R. station, extra good farm, with good improvements, two houses, good barn and outbuildings, windmill and tank at barn, 60 a. bluegrass, bal. in cultivation, 13 a. alfalfa, 15 a. wheat, 10 mi. to Lawrence, 45 mi. to Kansas City. Good neighborhood. Price \$16,000, half cash; time on bal., 6 per cent. Write
WM. M. HOLLIDAY,
Baldwin, Kansas.

15,000 ACRES FOR COLONIZATION.
15,000 acres, all prairie land, dark sandy loam soil, fine location, near Houston, suitable for farming or anything, corn, cotton, cane, alfalfa, oranges and figs. Price \$10 per acre, terms given. Farms in Reno, Kingman, Sumner, Harper, Gray, Scott, Lane or any county, improved or unimproved.
ROSE & SON,
5 Sherman, East, Hutchinson, Kan.

SEED CORN.
Plant Young's Yellow Dent seed corn, the best on earth. Won Missouri's gold medal at National Corn Show, Omaha, 1908. Guaranteed 90 per cent germination under all conditions, or will fill order again free of charge. Price \$2 per bushel. Sample ears 50 cents each. Sample free. Choice Poland China fall pigs, \$25 each. One Jersey bull calf for sale.
ROBT. I. YOUNG,
E. F. D. 5, St. Joseph, Mo.

BARGAINS IN ALFALFA LAND.
160 acres, 6 miles from Eldorado, Butler Co., Kan., R. F. D. and telephone, 90 acres first class corn and alfalfa land, 40 acres alfalfa fenced hog tight, 10 acres timber, balance pasture, good orchard, good well and wind mill, house, barn and outbuildings are good and new. Price \$75 per acre. 320 acres joining above, similar land, 60 acres alfalfa, improvements first class and new. Price \$65 per acre.
L. L. KISER,
Eldorado, Kansas.

OTTAWA COUNTY FARM BARGAINS.
320 acres, 1/2 mile out, 35 or 40 acres creek bottom, 170 acres in cult., 6 or 8 acres alfalfa, balance pasture, part of which could be farmed; good 6 room house, fair barn, good granary, well with good water, nice young orchard, living water in pasture fenced and cross fenced, over 100 acres in wheat, 1-3 goes. A bargain at \$40 per acre. Nice 80 acre farm, 4 miles out, unimproved, all in cult., lies nice, cheap at \$2,800. 160 acres, improved 6 1/2 miles out, at \$4,800. We have others. Come or write.
SHEPARD & HOSKINS,
Bennington, Kansas.

PRICED TOO CHEAP
at \$25.00 per acre, but the owner, who has rented it for a number of years, has moved to Wichita and cannot look after it; 160 acres in Cowley Co., 5 miles from R. R. town, good roads, 1/2 mile from inland town, with church and school; all smooth, level land, without a rock or foot of waste; fenced and cross fenced; 80 acres in cultivation; 4 acres hog-lot, balance pasture, small orchard, fair improvements, telephone and R. F. D., alfalfa land, 8 to 20 feet to water. If you are looking for a good, cheap farm, don't let this get away. \$2,100 will handle.
SHARP REALTY CO.,
Wichita, Kansas.

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

Greenwood County Land
Nice, smooth so, improved, \$2,500, another for \$3,500; improved 160's for \$30 to \$45 per acre. Any exchanges you have list them with us.
G. E. JACKSON LAND CO., Eureka, Kan.

Neal A. Fickett, Arkansas City, Kan., has a few exceptionally good farm bargains listed in Cowley and Sumner counties. Write him for complete list. He refers you to any bank in Arkansas City, Kansas.

William Godby, live stock auctioneer and real estate dealer of Arkansas City, Kansas, has just compiled his list of farms in the southwest into a 30-page booklet, which he would be pleased to send free to anyone interested.

"Hogging off" corn is most advantageous when the weather is dry. It is judicious to keep hogs in the fields after heavy rains. If the season is a wet one it will be better to keep them out of the corn field, as turning them in is likely to waste the corn and do injury to the hogs and to the land. On dry ground, however, the droppings of the hogs amount to a distribution of valuable manure. In case this is liable to be washed off the land by rains after the corn has been harvested it will be well to go over the field with a sharp disk or spike-toothed disk harrow to loosen the surface soil so that the manure will be the better retained and absorbed.—F. D. Coburn.

Notice, Change of Sale Date.
H. C. Dawson Sons, Endicott, Neb., whose big sale of Expansion bred Poland Chinas was advertised to be held at the Topeka State Fair grounds on Jan. 13, have found it necessary to change the date to Saturday, Jan. 22. Note the advertisement.

Rayo Incubator Company.
An incubator catalog that presents good reading from the general standpoint of the poultry raiser has just been issued by the Rayo Incubator Company of Miami, Fla. This catalog is something that any member of the family will be glad to read. It will be sent free, on application.

Use Absorbine for Lymphangitis.
Ben Simmonds of Towney, Mich., writes under date of August 24, 1909: "I wrote you some time ago concerning a mare that had Lymphangitis. Her knee and gambrel were swollen till as hide would hold. Horse doctors said nothing could be done—would have stiff knee. Wrote you for advice, and the Absorbine under Clay paste has completely cured her. The swelling is all gone, also the lameness. Absorbine is an excellent preparation for the removal of bunches, wind puffs, capped hock, fat tumors, enlarged glands, etc. If your druggist cannot supply you, send \$2.00 direct for a bottle, express prepaid. W. F. Young, P. D. F., 211 Temple Street, Springfield, Mass.

When a horse owner finds a liniment that works successfully on his horses, and removes blemishes that have been spoiling the appearance of a horse, he tells his neighbors about it, in this way getting others to try the same remedy. That is the way "Absorbine" continues to make friends. Henry Smith of Isanti, Minn., wrote me a few months ago as follows: "I have a horse that had enlarged glands and I cured him. A bottle of Absorbine was worth a good deal to me. I have been instructing my friends and neighbors and they also want a bottle on hand." Send for free pamphlet and special instructions on any particular case. \$2.00 a bottle at druggists or sent express prepaid upon receipt of price. W. F. Young, P. D. F., 211 Temple Street, Springfield, Mass.

Buy Guaranteed Seed.
We are glad to report to our readers that we have found one seed company who guarantee their seeds. The A. A. Berry seed Co., Clarinda, Iowa, give their customers a binding guarantee and if you are in need of seed it would pay you to write for their 100 page Free Catalog of field and garden seed and see how fair they are to the buyer. There has always been a demand for first-class seed and the Seed Buyer has demanded some protection. Much seed of low germination has heretofore been sold and the seed buyer is in doubt many times about the seed offered. When the seed is backed by a strong guarantee made by an old reliable company like the A. A. Berry seed Co., you can depend on their stock. If you require seed, write for their big free catalog. See their advertisement on another page of this paper.

The Logan & Gregory Poland China Dispersion.
On Jan. 21 Logan & Gregory, the well known Poland China breeders of Beloit, Kan., will disperse their herd of Poland Chinas. This sale is made to close up a partnership and Mr. Gregory is retiring from the business while E. C. Logan will continue in the business at his new location, which is a fine Solomon Valley farm near Beloit. There will be in this sale 10 tried sows that are just in their prime, and two herd boars, the balance being spring gilts bred to several different boars among which is old Glasco Chief who is a popular breeding boar owned jointly by Mr. Logan and C. H. Pletcher of Glasco, Kan. The sale will be held at the fair grounds which is only about two blocks from either depot. Free accommodations for breeders from a distance are arranged for and the sale will be held in comfortable quarters. There are only a few Poland China sales to be held in central Kansas this winter and it is a cinch there is nothing much in the breed sow line being offered at private treaty. So it is up to the breeders and farmers who are looking for bred sows to be on hand at this sale.

Large Profits in Taxidermy.
The profession of taxidermy, which includes the mounting of animals, birds, game heads, and all other trophies, the tanning of skins, and the making of rugs from animal hides, offers a most lucrative opening for men and women. There are enormous profits in the profession, and the chances for success are growing better every day. Many birds, animals and fish are being slowly exterminated, and naturalists, hunters and sportsmen, realizing this, are having all of the best and rarest specimens mounted. A few years ago little was thought of saving these most valuable specimens. Now they are eagerly sought, and although there are still millions of such animals and birds left there are millions of people who want them, and this makes the specimens very valuable indeed. Besides taxidermy is a most fascinating art, even if one didn't care to use it for profit. It enables everyone who learns it to mount all of the trophies secured and these make beautiful decorations for the home. Taxidermy is now taught by mail and by a simple and new method. All those interested in this subject should write to the N. W. School of Taxidermy, 3981 Elwood Bldg., Omaha, Neb., and secure its great book, "How to Learn to Mount Birds and Animals." It is sent absolutely free. Just mention the name of this paper when you write.

Irrigated Land Cheap Sunny Pecos Valley

15,000 ACRES NOW OPEN TO COLONISTS IN THE Sunny Pecos Valley
The largest and most fertile body of land under any irrigation system in Texas.
TOWNSIGHT AND RAILWAY STATION
right in the center of the tract, and the Santa Fe Railroad runs through this land.

NO WAITING FOR WATER OR TRANSPORTATION.
Dam, reservoir and canals built at a cost of over 200,000. Location—20 miles north of Pecos City, Texas, and 50 miles south of Carlsbad, New Mexico, right on the Pecos River. Best opportunity ever offered home seekers to secure an irrigated farm at a reasonable price. Will be sold in tracts of 20 acres and up on liberal terms and price. Our first excursion, consisting of buyers from Illinois, Missouri, Iowa, Nebraska, Oklahoma, Colorado and Kansas left for ARNO January 4th. They are on the land now. Our next excursion will run

JANUARY 18
and other excursions every 1st and 3d Tuesday of each month. Join us. This land will go quick. If you want land, this is your opportunity. Come along, and we will show you the land of
1. Sunshine and Beauty.
2. Biggest and best irrigation system in Texas.
3. Best dam and largest canal in Texas.
4. One of the best located townsites in Texas.
5. Cheapest actually irrigated land on earth.
If we fail to show you these things we will pay the expenses of your trip.

FREE WATER
and plenty of it goes with every acre sold. No "paying out" on water rights, when your land is paid for that ends it.
CLOSE TO RAILROAD STATION.
No 40 acres over 2 miles from the Santa Fe or over 3 miles from the depot. Nothing like it in Texas.
PRICES WILL ADVANCE RAPIDLY— NOW IS THE TIME TO BUY.

One man bought 20 acres of irrigated land a few years ago under the Roosevelt dam at \$50 per acre. He has refused \$300 per acre, and is holding it for \$500 per acre. He will get it. This 20 acres has never been improved. Our land will produce from \$50 to \$100 per acre in alfalfa, wheat and oats, from \$100 to \$300 in vegetables, and from \$300 to \$1,500 in fruit.

THE GREATEST ALFALFA COUNTRY
In the world—7 cuttings per year. From a ton to a ton and a half per cutting. Alfalfa is now bringing \$20 per ton at our station Arno. Do your own figuring—these are facts. Go down and see for yourself. Go now. Don't wait, seeing is believing, and believing means buying. Why stay in this country—freeze in the winter, roast in the summer, and slave the year round, when you can go where you can get rich off of 40 acres of land and enjoy the finest, most uniform climate in the United States? You say. Write now for full information.

The Arno Irrigated Land Co.,
701 Jackson St. Topeka, Kansas
Agents wanted.

KANSAS LAND

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

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

BARGAIN IN WASHINGTON county land, 430 acres creek bottom under cultivation, 4 miles from Washington, 1 mile to school, 2 sets of improvements, good water. Price \$55 per acre. W. J. GORDON, Washington, Kan.

MONTGOMERY COUNTY FARMS. Montgomery county is second in population and 5th in wealth in Kansas. Write for list of choice farm bargains and prices. W. J. BROWN & CO., Independence, Kan.

COWLEY COUNTY FARM. 160 acres, good six room house, about 80 acres bottom, never failing water, 12 acres alfalfa, 60 acres corn, close to school and church. Price \$7,500. Terms if desired. R. A. GILMER, Arkansas City, Kansas.

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

EASTERN KANSAS FARM BARGAIN. 150 a. 3/4 miles from town, 75 a. cultivation, 2 a. orchard, balance native grass, 5 room house, good cellar, barn for eight horses with loft, other outbuildings good water, close to school, R. F. D. and phone. Farm on main traveled road. Price \$45 per acre. For particulars write J. C. RAFF, Orange City, Kan.

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

NESS COUNTY LAND. 320 acres 10 miles from Ness City, 100 acres in cultivation, 4 room frame house, barn, well and windmill, some good alfalfa land, place is all fenced, land lays good and in good locality. Price \$18.00 per acre! \$2,000 cash, three to five years time on balance. LOHNES & CASON, Ness City, Kansas.

SEDWICK CO. FARM BARGAIN. For Sale: 480 acre farm, level dark soil, 300 a. in cultivation, 180 a. in pasture. Good 11 room house, large barn 32x56 ft., also good tenant house and barn, close to good market town and 18 miles of Wichita. Price only \$24,000, \$8,000 cash will handle this, balance at 6 per cent interest 5 years. BEATTY REALTY CO., Opposite Post Office, Wichita, Kan.

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

160 ACRES less R. R., which runs straight through, fine second bottom, no overflow, good 6 room house, cellar, smoke house, living well, cistern, barn 30x36, 10 a. hog pasture, 50 a. tame meadow, on main road, R. F. D., tel. in house, 4 miles to good town, 2 1/2 to R. R. town, 1 mile to school, a snap at \$40. Don't wait to write, but come at once. This is too good to keep. SEWELL LAND CO., Garnett, Kansas.

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

BEST FARM IN KANSAS. 560 acres bottom valley land, all smooth, fine, black sandy loam, no waste land, small orchard, 20 acres fine alfalfa land, new 10-room house, hot and cold water, lighted with acetylene gas, bath and toilet, 500-barrel cistern, sewer system, R. F. D., telephone, 5 1/4 miles to two railroad towns. Price \$65 per acre. For further particulars write NEAL A. PICKETT, Arkansas City, Kansas.

44,000 ACRES Just put on the market in Texas, close to the Simmons property, lays fine and a black sandy loam. We will sell the entire tract for \$10 per acre. A fine colonization proposition for some one who can handle this tract. 160 acres, 2 miles from a good town in McPherson county, Kansas, well improved, 100 acres under cultivation. Price \$5,500. Fifteen quarters in Hodgeman county, fine for a ranch. Price \$7.50 per acre. CHAS. PETERSON, 18 1/2 N. M. St., Hutchinson, Kan.

NOW IS THE TIME TO LOOK—NO SNOW. No snow here now nor likely to be for continued time. Notice our location. Place advertised last week sold. Here are two chances for quick sale: No. 1—160, 1 mile from town, 6 room house, 40x60 barn, all tillable, well watered, fine location, \$5,200. No. 2—160, 5 miles from town, near school, good 5 room house, wood big barn, 40 acres alfalfa land, nearly all tillable, \$4,800. Nice weather here (Dec. 30), mild winters. Benahue & Wallingford, Mead Valley, Labette Co., Kansas.

KANSAS LAND

MARION, MORRIS AND DICKINSON county, Kansas, lands. Bargains in improved farms at prices ranging from \$45 to \$80 per acre. Write for big list. T. C. COOK, Lost Springs, Kan.

800 ACRE BARGAIN IN NESS COUNTY, KANSAS. Only 1 1/2 miles from Ness City, all in cultivation and will all be sown to wheat and 1/4 crop goes to purchaser. Price for a short time \$25 per acre. Look this up, a genuine bargain. Let us send you our land list. KIRBERG & MILLER, Ness City, Kan.

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

REPUBLIC COUNTY LAND. 25 farms in this county for sale, ranging in prices from \$50 to \$75 per acre. Choice corn, wheat and alfalfa land bargains. Write for information, or call on J. G. HELWICK, Belleville, Kansas.

200 ACRES IN Marshall County, Kan., three-fourths mile from town, 100 acres in second bottom land, 160 acres in cultivation, balance pasture, 7-room house, cellar, small barn, cattle shed, hog house or orchard, well and windmill. A bargain at \$90 per acre. Good terms. SUMMERFIELD REALTY CO., Summerfield, Kan.

NESS COUNTY LAND. \$4,000 will buy a quarter section of fine smooth land 1/4 mile from center of Ness City, all fenced and in cultivation. Fifty acres in wheat. Other good corn, alfalfa and wheat land at \$15 to \$35 per acre. Write for information. J. C. LOHNES & SON, Ness City, Kansas.

FOR SALE TO PLAT. 55 acres adjoining Wichita City limits, that will sell for \$100 a lot; 2-3 lots to the acre. This will be \$75 per acre. We will sell it for \$125 per acre for the next 20 days, and 2,600 acre well improved ranch in Meade Co. per acre \$16. J. F. BELLEW & CO., 110 Main St., Wichita, Kan.

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

SCHUTE & SHINEY, the Rush county, Kan., real estate hustlers, 30 years in the same old place. Good farmers raised from 2 1/2 to 4 1/2 bushels of wheat per acre here last season. We can sell this land at from \$20 to \$35 per acre. Good improved ranch land, 1/2 good farm land, at \$15 per acre. Good bottom land not over 5 miles from market at \$25 to \$35 per acre. Well improved and running water, plenty of timber. See us, or write us at La Crosse, Kan.

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

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

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

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

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

FIELD NOTES

FIELD MEN. O. W. Devine.....Topeka, Kan. Jesse R. Johnson.....Clay Cent., Kan. J. W. Johnson.....Belleville, Kan.

PURE BRED STOCK SALES. Perecherons Feb. 25, 1910—W. H. Rhodes, manager, fair grounds, Abilene, Kan. Feb. 2-8, Lakewood Perecherons, H. C. McWilliams & Son, Sioux City, Iowa. Feb. 15, Whitewater Falls Perecherons at Wichita, Kan., J. C. Robison, Towanda, Kan. March 9, 10, at Lincoln, Neb., O. P. Henderson, Hebron, Neb.

Draft Horses. Belgians, French Draft, Shires, Clydes, Trotters, at Bloomington, Ill., C. W. Hurt, manager, Arrowsmith, Ill. Jacks and Jennets. March 1st and 3d—Monsees & Son, Smithton, Mo. March 1st and 2d—L. M. Monsees & Son, Smithton, Mo. Jersey Cattle. Feb. 15—O. P. Dovel, Auburn, Neb. Shorthorns. Feb. 24—Glover & McGlynn, Grandview, Mo. Holstein-Friesians. Feb. 8-10—Henry C. Gissman, Station B, Omaha, at South Omaha, Neb.

Poland Chinas. Feb. 7—J. F. Menehan, Burchard, Nebraska. Feb. 8—D. A. Welfersberger, Lindsey, Kan. Feb. 16—B. M. Bell, Beatrice, Kan. Jan. 19, 1910—H. O. Sheldon, Wichita, Kan. Jan. 20, 1910—Roy Johnston, South Mound, Kan. Jan. 21, 1910—H. R. Vanhooser, Eldon, Mo. Jan. 22, 1910—H. C. Dawson Sons, Endicott, Neb. at Topeka, Kan., State Fair Grounds. Jan. 22—Dietrich & Spaulding, Ottawa, Kan. Jan. 26—W. J. Martin, Anthony, Kan. Jan. 27—F. G. Nies & Son, Goddard, Kan. Feb. 5—J. H. Hamilton & Son, Guide Rock, Neb. Feb. 10, 1910—J. R. Sparks, Hunter, Oka. Feb. 11, 1910—C. S. Nevius, Chiles, Kan. Feb. 12—D. A. Wolfersperger, Lindsay, Kan. Feb. 12, 1910—George Wedd & Son, Spring Hill, Kan. Feb. 15—C. H. Plicher, Glasco, Kan., at Concordia, Kan. Feb. 16—J. H. Harter, Westmoreland, Kan. Feb. 18, 1910—W. D. Spangler, Sharon, Kan. Feb. 18, 1910—Miller and Manderscheid, St. John, Kan. Feb. 23—G. S. Hamaker, Pawnee City, Neb. Feb. 24—C. W. Dingman, Clay Center, Kan. Feb. 25—Chas. O. Parsons, Clearwater, Kan. Feb. 25—Lee Gross, Nelson, Neb., and John Bernard, Angus, Neb., at Nelson, Neb.

Durocs. Jan. 11—W. M. Puttman, Tecumseh, Neb. Jan. 24—W. L. Addy & Son, Parnell, Mo. Jan. 27—Thompson Bros., Garrison, Kan. Jan. 31—J. E. Joiner, Clyde, Kan. Feb. 1—Pearl H. Pagett, Beloit, Kan., and R. G. Sollenburger, Woodston, Kan., at Beloit, Kan. Feb. 2—E. M. Myers, Burr Oak, Kan. Feb. 3—Rinehart & Slagle, Smith Center, Kan.

Ask S. W. Tilley, Irving, Kan., about those Lail's Perfection Poland China boars that he has for sale. You cannot pick these up anywhere. Sulton Farms at Lawrence, Kan., are offering some mighty attractive prices on Berkshires. These are right and their pedigrees are right. Look at their advertising card and see if you can beat their offer.

Partridge Wyandottes, 100 show birds and farm raised breeders are offered for sale by W. R. Fretz, Arkansas City, Kan. See announcement of winners at the central Kansas Poultry Show, Newton, Kan., Dec. 6 to 11, 1909, on poultry page of this issue.

Gold Metal, Hadley Boy and Klever Boy are the herd boars in the Melbourne herd of Poland Chinas owned by John C. Halderman, Burchard, Neb. Don't those names sound good? The pigs for sale are just as good as the names. Ask him.

Keep your eye on the Rinehart & Slagle Durocs and be ready to pick up some plums at their sale on Feb. 3 at Smith Center, Kan. You are sure to want some of those Golden Rule gilts bred to King of Kant Be Beat or R. & S. Prince of Cois.

J. H. Harter, Westmoreland, Kan., has some big type Poland China pigs for sale that were sired by the great Expansion and Victor XL, the World's Fair winner. If you want this big, quick maturing kind better write him and tell him the Kansas Farmer advised you to do so.

If you had 100 good ones to select from wouldn't you feel like you could not get your money's worth? This is just what J. E. Joiner of Clyde, Kan., offers you in his Elk Creek herd of Duroc Jersey hogs that he has a pair of mottled ones that he can spare. Better go and see him. If you can not do so then write.

Manwaring Bros., Lawrence, Kan. have a couple of Berkshire head boars for sale and one of these is by Forest King. By securing him you will place yourself right in the middle of things as they should be as you will have a Black Point Head that is close up. It will only cost a postal card to find out all about these.

One hundred and seventy-five Jersey cows and every one as fine as silk. That is what Ralph J. Linscott will show you if you will visit his model farm near Hebron, Kan. Just drop a card to let him know when you are coming and he will do the rest. It's the biggest Jersey breeding farm in Kansas.

One of the best bulls of any breed in Kansas today is Belvedere #2712, 190588, head of the Double Standard herd of Polled Durhams owned by D. C. Van Nise, Richland, Kan. He has taken lots of prizes in competition but the best thing about him is his great crop of calves each year. Maybe you don't like horns. If not get a Belvedere bull and breed them off.

Whether you want Scotch or Bates Shorthorns, or both, you can do business with

KANSAS LAND

KINGMAN COUNTY LANDS. Banner wheat and corn county of the state. Write for selected list. Brown Real Estate Co., Kingman, Kan.

Hodgeman County Lands. Choice wheat and ranch lands. Write for price list and country map. F. M. PETERSON, Jetmore, Kansas.

ROOKS COUNTY LAND. One Hundred Farms for Sale. Write for list. C. H. DEWEY, Stockton, Kan.

A HOME. For you at a bargain price, \$20 acre fine level land. For particulars write to WINN REALTY CO., Jetmore, Kansas.

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

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

A BARGAIN. 160 acres, all smooth, 145 broke, 1/4 mile Jewell, 7 room house, large barn, double corn-crib, well, mill, plenty of water; price \$14,000, other farms. List and booklet free. J. M. Denton Realty Co., Jewell, Kan.

HOMESEEKERS. Send for a copy of the southeastern Kansas Homeseeker, the best land journal published. It's free to those wanting homes or investments. We make a specialty of lands on small payments and easy terms. Address THE ALLEN COUNTY INVESTMENT CO., Longton, Kan.

BARGAINS! For CASH or TRADE. Of all kinds direct from owners of farms, ranches, mds., hardware, hotels, livery barns. Send for our book of trades or cash list. BERSIE REAL ESTATE AGENCY, Eldorado, Kansas.

\$3,000. Will buy 80 acres in Anderson county, Kansas, three miles from Mont Ida, three and one-half miles from Welda and six miles from Colony. All second bottom land, no overflow. A good 4-room cottage. Will need a little repair. Part down and terms on balance. We have land ranging in price from \$20 to \$60 per acre. Write EBERT C. SIMON, Garnett, Kan.

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

DAIRY FARM. 80 acres, 30 under cultivation. Balance fine blue stem pasture; 14 of alfalfa; living water; timber; fruit of all kinds; good improvements. 1 1/2 miles from Manhattan, a town of 3,000 people and location of the K. S. A. C. A bargain. Price \$6,500.00. Good terms. Address BARDWELL & BARDWELL, Manhattan, Kansas.

CORN and CLOVER LANDS. 160 acres improved.....\$8800 80 acres improved.....4800 120 acres improved.....6000 120 acres improved.....4800 We have a large list of farms for sale and exchange. Write for new list of farms for sale. Mansfield Land Co., Ottawa, Kan.

Mr. Tenant, Read This. 100 acre farm for sale at only \$80 per acre, close to school and in fine locality. Free gas to burn. Good 4 room house and new barn 86x36 feet. 25 acres in cultivation, 40 a. in meadow, balance in pasture. ROSS DEFENBAUGH, Independence, Kansas.

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

G. C. Cochran & Sons at Plainville, Kan. About the finest thing in the way of any easy keeping, early maturing, quick selling thorough today is a scoten Toppeu Bates. Maybe you want some of each. There are 300 head on the Spring Hill farm to choose from.

Misey of the Glen 18390, A. R. 936, is the Guernsey cow that smashed the records for 1909. During the year she produced 14,891.7 pounds of milk which contained 954.76 pounds of butter fat from which was made 1,100 pounds of butter. Eleven hundred pounds of butter at present prices and from only one cow sounds pretty good. Frederick Houghton, Galva, Kan., advertises Guernseys for sale.

Miller & Manderscheid, owners of the Mulberry Grove herd of Poland Chinas, Route 3, St. John, Kan., write: "Our herd is doing nicely and there will be a lot of attractions in our February sale. There will be represented some of the best blood lines in the land and these hogs are sure to do the buyers good as they have done us good." Further announcements about the sale will appear later.

This issue of Kansas Farmer contains the advertisement of W. L. Hofer & Co., of Manhattan, Kan., manufacturers of the Aero sleeping tent. This little tent is one of the most clever devices of the age. It enables a person to breathe pure fresh air while sleeping in the house without danger from draughts and without lowering the temperature of the room. Write for full information to this firm, mentioning this paper.

The Shawnee County Bee Keepers' Association held their annual meeting at the rooms of the Commercial Club on Dec. 28, and elected the following officers for 1910: President, O. Badders; vice president, G. F. Weaver; secretary-treasurer, J. P. Lucas. Each member was asked to contribute 25 cents a year to create a fund with which to subscribe for bee journals, for use of the members. The meeting was held in connection with that of the State Fair Association.

In a recent letter from Mrs. Forest Nave, Lexington, Mo., she says that her White Holland turkeys are doing nicely and that

KANSAS LAND

NESS COUNTY, KANSAS, LAND.
Good soil as any in the state at \$10 to \$15 per acre, well improved land \$15 to \$25 per acre. Partly rough at \$6 to \$8 per acre. Come before the new railroad gets here or write
J. G. COLLINS, Ness City, Kan.

SHARON VALLEY ALFALFA LANDS.
Choice corn and alfalfa farms for sale in Barber county, Kansas. Crop failures unknown. Write for particulars and list. Address
WILLIAM PALMER, Medicine Lodge, Kansas.

A BEAUTIFUL MARION KANSAS HOME
Surrounded by 13 acres, 6 blocks high-school, same distance business section; living water and timber; improvements alone cost over \$5000. Ideal stock or chicken ranch. Price \$5,000. Address
Box 117, Marion, Kansas.

A GENUINE FARM BARGAIN.
160 a., 25 mi. S. W. of Topeka, 7 mi. of good town, 140 a. tillable, fenced and cross fenced. \$32.50 per acre. Terms
GARLINGHOUSE REALTY CO., Topeka, Kansas.

IN THE COURSE OF OUR BUSINESS
we have come into possession of 85 acres, Morris Co., 1 1/2 miles town, light improvements, 55 smooth plow land, no rock, sand, or gravel; 30 rough pasture spring. Do not wish to carry it. \$3200.00; \$1000.00 cash.
BACON & BRITAIN, White City, Kansas.

EASTERN KANSAS BARGAINS.
1. 320 a. well improved near town \$45 a.
2. 160 a. good improvements close in \$45 a.
3. 160 a. A finely improved \$9,600. 1152 a. great ranch finely improved; easy payments, \$28 a. Write for list.
JOHN TAGGART & SON, White City, Kansas.

BARGAINS.
We have some good Emporia properties, automobiles and hardware stocks to trade for good land in Ford or Meade counties. Write us full description of your property in first letter.
H. L. DWELLE & CO, Emporia, Kansas.

A BUTLER COUNTY BARGAIN.
320 a. 3 1/2 miles town, well improved, good soil, smooth; worth \$50 an acre. Price for quick sale \$37.50. Particulars on request. Aet quick. Free list
WHITEWATER LAND & LOAN CO., Whitewater, Kansas.

A RANCH BARGAIN.
2240 acres, 3 miles of Goodland, Sherman Co., Kan., well improved, 500 acres in cultivation. This is an estate and must be sold soon. Price only \$12.50. Easy terms. For full information, write
W. H. LINVILLE, Beloit, Kansas.

30 acres Washington county Kansas, N. W. 1-4 of N. E. 1-4 and N. E. 1-4 of N. W. 1-4 of Sec. 36 3-2. Four roomed house, barn, orchard, and well 65 acres cultivation, 15 acres meadow, all tillable. Rented this year for 1/2 hay and 2-5 corn delivered a market. Close to school, a bargain for \$5 per acre. Can leave \$2,000 on this land. Will trade for residence property or hotel clear, up to \$2400 and take 6 per cent mortgage for difference on farm.
C. E. TINKLIN, Corning, Kan.

FOR SALE—GOOD FARMS IN DOUGLAS CO., KANSAS.
No. 8—140 acre upland farm, 2 mi. from Lawrence, the Co. seat; well improved, well watered, fenced; 8-room house, large barn; ten acre orchard, clear. \$100.00 per acre. Terms easy.
No. 15—160 acres stock farm, 10 mi. from Lawrence, 2 mi. from nearest trading point, fenced, 5-room house, good barn 32x45, sheds and other outbuildings, well, spring, clear. \$45.00 per acre.
Also, over fifty other farms from 20 acres up.
LEROY N. WALLING, 1007 Massachusetts St., Lawrence, Kansas.

she has some fine ones for sale at reasonable prices. Mrs. Nave will be remembered among the older breeders as Miss Mary L. Schaal, and she still maintains the high standard in her flock for which it has always been noted. She showed eight birds at the St. Louis Exposition in 1904 and won sixteen prizes. Read her advertisement elsewhere in Kansas Farmer and write her when you are ready to buy new stock.

Striker Brothers of Fredonia, Kan., report the sale of Plunger, one of their great snow pigs, to Thomas Kearse of Fort Cobb, Okla. This pig was sired by their great herd boar, Imp's Likeness, who has an enviable show record behind him and is himself the greatest and largest son of impudence. The pigs in the under six months' class which were sired by him were undefeated in the show ring this year and were shown at both Kansas and Oklahoma state fairs and at Winita. Plunger winning first in class and Reserve Junior Champion at the Kansas State Fair. Mr. Kearse, although engaged in the loan business, is recognized as one of the great progressive live stock men of Oklahoma, having quite an enviable reputation as a breeder of Poland China hogs and Galloway cattle. Plunger is undoubtedly the greatest hog of his time and will greatly enhance the produce of any herd of which he is the head.

Look over that big advertisement of the Chicago House Wrecking Company and see if they do not offer something that you want. This great institution is able to supply nearly every need a farmer may have at any time of year or on any part of the farm or home. It will pay to get their catalogue and see if their prices are not right. One farmer in Reno county bought the entire equipment for a greenhouse from them and found he had saved a lot of money. Another, in another county, bought his materials complete for building a house and saved a nice sum. The catalogue is free if you mention the Kansas Farmer when you write for it.

The Big Bloomington Sale.
Three hundred and fifty head of imported and home bred Percherons, French Draft, Belgians, Shire and Clydesdale stallions and mare besides 100 head of registered trotters, grade drafters, saddle and all purpose farm horses is what C. W. Hart, manager of the Breeder's Sale Co will have to offer at Bloomington, Ill., on Feb. 1, 2, 3 and 4. Pretty big lay out isn't it? Just the place to pick up a few bargains. This sale occurs every year and many Kansas buyers have attended to their profit. Why not you? Paste these dates in your hat and ask Mr. Hurt for a catalogue so you can pick out what you want before hand.

Secretary C. C. Fairbanks of Weida Grange writes that the grange at that point is in a prosperous condition. During the busy season it is hard to get members out to the meetings but they retain their membership and make good at other seasons. We believe the grange to be one of the greatest organizations in the country and it is rapidly growing in power and influence. As farmers study its workings and learn of its helpfulness more of them will join in the work. Weida Grange held 11 meetings during the year with 8 new members added and 8 more applications on file. We also have several good prospects and predict a most prosperous year for 1910. Will not other grange secretaries send in reports also.

Show Yard Durocs.
R. D. Martin, of Eureka, Kan., is offering some of his good Duroc gilts for sale. These gilts are sired by Dandy Duke, the Duroc boar that won first in class and reserved champion at the American Royal in 1907 and Sweepstakes at the Greenwood County Fair in 1908. Dandy Duke is a breeder of high class stuff. If you want quality in your herd send for a gilt by Dandy Duke. Kindly mention Kansas Farmer when you write.

Breeder's Sale of Poland Chinas Jan. 27.
All lovers of high class Poland Chinas should not fail to look up the ad of F. G. Nies & Son, at Goddard, Kan. You will not have a chance to buy sows bred to a better hog than Modern Monarch for breeding. You can not find a better bred herd boar in Kansas. He was sired by Indiana, his dam was Princess Vivian by Prince Alert with a Lamplighter dam, and L. & W. Perfection with Black Beauty 2d. Modern Monarch is one of the large smooth Poland Chinas and is a breeder of extra good quality. A sow bred to him will add grace and dignity to any herd. Don't fail to get a catalogue early and attend this sale, at Clearwater, Kan., on Jan. 27, 1910. Kindly mention Kansas Farmer when you write.

Editor Kansas Farmer—I have a Galoway Manure Spreader, bought in February of last year. We had a test job ready when it arrived, in the shape of eight inches of well tramped cow manure in shed. It was wet, heavy and tough. We used two horses and to our surprise it picked it up and spread it evenly with no trouble for team or machine. We spread the accumulation of a year from 45 head of cattle and 10 head of horses without one cent of expense for repair. The machine has done for us all that Mr. Galloway claimed for it. I can heartily recommend it to any one wanting a spreader.—W. S. Southard, Stockton, Kan.

Wayside Farm Poland Chinas.
Kansas Farmer takes great pleasure in calling its readers attention to the Poland China sale ad of H. O. Sheldon, at Wichita, Kan. Mr. Sheldon will sell a useful lot of tried brood sows and prospective buyers can not afford to miss this sale. Jan. 19, 1910, is the date and the Wayside Farm, near Wichita, Kan., is the place. There will be 45 bred sows and 26 February and March gilts. Most of them will be bred to D's You Tell by Designer, and Sheldon's Hadley by Hadley. There will also be 80 July and August boar pigs that will make good herd boar material. They are sired by D's You Tell and Columbia Ek. Look up ad and send for catalog, and come to this sale. Kindly mention Kansas Farmer when you write.

H. G. McMillan Comes to Topeka.
H. G. McMillan, owner of Lakewood Farm Percherons at Rock Rapids, Iowa, will attend the annual meeting of the Kansas Improved Stock Breeders' Association in Topeka on Jan. 10-12 and deliver an address on "Breeding Draft Horses." Mr. McMillan is said to have the greatest breeding establishment in the world and he is the owner of the famous Calypso, the world's champion Percheron Stallion. The Lakewood Per-

KANSAS LAND **KANSAS LAND**

REAL ESTATE DEALERS, ATTENTION.
If you want to know how and where to buy advertising space in a big farm paper, and a daily paper covering the richest agricultural section of the United States, for less than half a cent a line per thousand circulation, write
ROY O. HOUSEL, Topeka, Kan.
625 1/2 Jackson Street.

DICKINSON COUNTY BARGAINS

240 a well improved farm, 4 miles from town, 100 a. fine creek bottom land, balance slope, 20 a. hardwood timber on one end of farm, living water, 50 a. fine pasture, 12 a. alfalfa, balance plow land. This farm lays fine, is well arranged for grain and stock and is the cheapest farm in the country at \$60.00 an acre.
Write today for our booklet, "Idyls of Kansas," and a new land list, and mention this paper.
FORD & SMELTZ, Enterprise, Kan.

ZIMMERMAN IRRIGATED LANDS.
THE CREAM OF THE PECOS VALLEY.
Now selling at \$60 per acre. Including fully-paid perpetual water-rights. The present price subject to advance without further notice. One thing sure you can not buy any of this land next year for less than \$100 per acre.
This land in alfalfa alone will pay 100 per cent net profit every year. In fruits 300 per cent. Join us on the next Homeseekers excursion the first and third Tuesdays each month. For further information address
THE HEATH COMPANY, Topeka, Kan.
109 West Seventh Street.

DOWN IN SUMNER COUNTY.



320 acres, 260 of which is Chickasha river bottom, no overflow, that mellow soil 20 feet deep and works easy, 45 acres pasture, balance in cultivation, 165 acres of which is fine winter wheat and all goes with place, 25 acres alfalfa, fenced hog tight, improvements worth \$8,000, school and M. E. church a mile, mail route and tel., over \$5000 worth products sold from place this year, corn, wheat and alfalfa. Price \$65 per acre; \$6000 can remain on place at 5 per cent. No trades. Other good ones. Write for list.
WM. HEMBROW, Caldwell, Kan.

800 Acre Stock and Grain Farm

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

A HOME FOR ALL THE FAMILY

We have 640 acres that will make four farms of 160 acres each with plenty of fine cultivated land on each quarter. Just one-half mile to shipping place on the Rock Island railroad, 25 miles west of Topeka, three and one-half miles to good town, in a fine locality, one-fourth mile to a No. 1 school, telephone and mail route. 500 acres in cultivation, 175 acres of creek bottom, 175 second bottom and 150 good upland, balance in pasture, meadow and timber. 90 acres alfalfa meadow, 40 acres alfalfa pasture, 130 a. wheat, 30 acres bluegrass. Plenty timber for fuel and posts.
There are three sets of improvements as follows: 9-room dwelling, barn for 14 horses and all necessary outbuildings. One 5-room dwelling and barn for 6 head. One 5-room dwelling and barn for 6 head. Hay shed 280x36 and stone cattle shed 200x20.
There are 4 good wells, windmill, cistern and plenty of water in creek. When location, improvements and quality of soil is considered this is the cheapest all purpose farm in Kansas. Price \$60 per acre on very easy terms. Can sell in half sections and is suitable to divide.
T. J. RYAN & CO., Box 362, St. Marys, Pottawatomie Co., Kansas.

86 ACRES LAND
adjoining town; all tillable; no improvements, \$9,000.
160 acres, well improved, 4 miles out, 1/2 mile to school, fine land, good terms, only \$75.00 per acre.
JOHN E. SULLIVAN, Effingham, Kansas.

FOR SALE.
I offer a special bargain this week in a half section of smooth land, 1 1/2 miles from Colby, Kansas, the county seat, all broke out and seeded to winter wheat, in good season, all the wheat to go with the land. This wheat crop will go a long ways toward paying for the land. Price \$25.00 per acre. It will pay you to investigate this by writing the owner.
IKE W. CRUMLY, Colby, Kansas.

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

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

RENO COUNTY FARM—320 acres, highly improved, fine new house with gas and water in, sandy loam soil, best kind corn and wheat land, price \$14,000. Other bargains.
W. W. BARRETT, Sterling, Kansas.

LAND BARGAIN.
560 acre improved grain and stock ranch at a bargain. Located 6 miles from Colby, Kan. A snap for some one. For particulars address
STEVENS & RUBY, Stockton, Kansas.

FOR SALE.
300 of the best farms in northeast Kansas. We also make a specialty of selling Goodston Co. land; have many bargains. Write for price list to
MANVILLE & BAILEY, Holton, Jackson Co., Kansas.

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

WICHITA'S GOOD THINGS TO BUY.
This is 80 acres, eight miles out from this 50,000 city, and has 16 acres of bottom land now set to alfalfa and balance is good upland and in a community where the land is regularly about \$100 per acre. Good six room house, barn 16x24 and shed 16x32. All in cultivation but 18 acres.
Also 146 acres, 5 miles out of town, and has 50 acres in fruit, six acres in grapes and small piece of alfalfa; land is good all round farm for the situation here close to town as it has some good truck land on it and that is so profitable here close to the city.
I. B. CASE & CO., Over 108 W. Douglas, Wichita, Kan.

OKLAHOMA LAND

A RARE SNAP. 160 acres adjoining town, all in cultivation, good house, barn, granary, good orchard of all kinds of fruit, fenced and cross fenced. This is one of our best bargains, and if you are interested do not delay. (First come first served.) HUNTER REALTY COMPANY (Est. 1892). Enid, Okla.

"WE SELL THE EARTH." Farmers grow wealthy in a short time in Custer and adjoining counties in Oklahoma, growing hogs, corn and alfalfa. Farms at from \$20 to \$50 per a. Write us for land list." DULANY & RANDOL. Oklahoma. Clinton.

FARMS IN THE FAMOUS WASHITA VALLEY. 110 acres fine river bottom. All in cultivation. A few nice pecan trees, no gumbo, sandy loam. Produce 60 bushels of corn to the acre. Finest alfalfa land, barn, but no house. Incumbrance \$2,000; long time if sold quick. Price \$50.00 per acre. Write GUARANTEE LAND & LOAN CO. Wynewood, Okla.

CORRESPOND with us about Garfield Co., lands. McCarty & Plumley, Enid, Okla. FREE INFORMATION about Oklahoma. HOMER H. WILSON, here since 1892, Enid, Okla.

OKLAHOMA FARMS. Best county for corn, wheat, oats, alfalfa and tame grass. 80 acres \$2,500. 160 acres fair improvements, \$4,000. Write for list of bargains. VOGELE & WOOD, Newkirk, Okla.

A CUSTER COUNTY BARGAIN. 160 acres, 2 miles R. R. station, 80 in cultivation, 65 fenced in pasture, fine water, four room house. Price \$2,800; easy terms. Many other bargains. New list free. HUGHES & SORTER, Custer City, Oklahoma.

KIOWA COUNTY, OKLAHOMA. wehre corn, cotton, alfalfa, wheat and all other staples grow to perfection. Lands at reasonable prices, on liberal terms. Write for descriptions and full information. "MESSENER" LOAN & REALTY CO., Enid, Okla. Loss Wolf.

CORN, OATS, WHEAT And alfalfa and all staple crops grow to perfection here in the garden of Oklahoma. Prices reasonable. Write for list and descriptive literature. C. E. POCHET, Okla. Newkirk.

CUSTER, KIOWA, WASHITA and other western Oklahoma counties. Lands from 40 to 640 acre tracts, at low prices, on liberal terms. Write for new list, sent free. CUSTER INVESTMENT CO., Okla. Clinton.

IMPROVED FARM. 180 acres, 150 in cultivation, good 9 room house, barn, 4x65, tool shed and granary, 40x40, orchard, telephone, R. F. D., near school, 4 miles of county seat; price \$9,000. Write J. T. BAGAN, OKLA. Vinita.

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

600 BUSHELS CORN GOES with 210 acres of the very best land for stock and grain farm in Craig county, near Vinita, Oklahoma. 160 acres in cultivation; balance hay and pasture. Price \$25 per acre. For further particulars write and ask LEBORCE & BADGETT, Okla. Vinita.

WHEAT, OATS, ALFALFA, COTTON. Good lands \$20 to \$60; produce big interest on capital invested. Well located, near thriving and growing city. Prices and descriptions free. Correspondence answered in either German or English. WESTLONE WOLF REAL ESTATE & INVESTMENT CO., Okla. Loss Wolf.

FOR SALE—160 acre valley land, 10 miles southwest of Vinita, Okla. This land is level, smooth, bottom land, and will grow anything. It is located just a few miles from the Chelso oil fields, and it is only a matter of time, when the land will be developed. Price \$40 per acre. Mallem & Brecker, Room 15, Turner Bldg., Wichita, Kan.

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

A MONEY MAKER. 160 acres, Muskogee county, gently sloping valley farm, 2 miles from town, one-half mile of school, on R. F. D., rich, dark loam soil, suitable to corn, alfalfa, oats, potatoes, etc. Rainfall abundant, climate mild, plenty coal, natural gas and oil near; a snap at \$20.00 per acre; \$1,000 down, balance 7 years. Call or write. R. B. BEARD, First State Bank Bldg. Muskogee, Okla.

CORN, ALFALFA, HOGS. 160 acres, alfalfa land, all fenced hog light, 4 miles Arapaho 1-4 mile school, on R. F. D. & telephone line, 150 acres under plow, 25 acres alfalfa, nearly all valley land, 7 room house, large barn, outbuildings, cistern, well and mill; price \$8,000.00. Terms. Other farms. List and map free. J. FRED BURLINGAME, Okla. Arapaho.

MISSOURI LAND

FARMS FOR SALE in South Missouri. I have several good farms for sale on easy payments from \$5 to \$10 per acre. Please write me for full particulars. WILLIAM BOWEN, Missouri. Houston.

OKLAHOMA LAND

cherons secured 30 prizes at the International of 1909, of which 12 were firsts and championships. They also secured 155 prizes at the big state fairs last fall and 76 of these were firsts and championships. Mr. McMillan certainly knows the draft horse business and those who fail to hear him will surely regret it.

Center Grove Herd. J. W. Pelphrey & Son, of Chanute, Kan., write that they are having good results from their card advertising in the Kansas Farmer. J. W. Pelphrey & Son have one of the good herds of Shorthorn cattle and Poland China hogs. They are offering one bull calf for sale by Barnesdale (300125) out of Miss Wild Eyes (49023) tracing to Imported Wild Eyes, by 14th Duke of Oxford. This young bull is a dark red and will be one year old April 24. He is a low down blocky type and will make a valuable herd bull if properly developed. Mr. Pelphrey & Son have an extra good herd of Poland Chinas and have enjoyed a large mail order trade this fall. They now have a few choice bred-gilts for sale priced right for real value. Write them for wants and kindly mention the Kansas Farmer.

Big Bone Poland Chinas' Sell Jan. 20. On Jan. 20, Roy Johnston, of South Mound, Kan., will sell the large, stretchy kind. The brood sows in this herd are by all the strictly large type boars, and bred to such boars as Orphan Chief, John Long, and Logan Ex. There will be four extra good sows from J. B. Larson's herd at Clarinda, Ia. These sows are bred to Quiet Chief. One of these sows is the dam of the highest selling litter in Frank Michael's, Oct. 19, 1908 sale. One of the boars selling in this litter was Logan Ex, now used in the herd. If you have not seen your name for a catalog for this sale you will miss something as this will positively be the best lot of sows of the large type to be sold this year. Don't fail to mention Kansas Farmer when you send for catalog.

Good Shorthorns at Whitewater. John Regier, owner of the Alfalfa Leaf stock farm at Whitewater, Kan., has some Shorthorns for sale that ought to be of interest to everybody, especially those who want a start in the famous Archer blood. One of these animals is a 2-year-old bull by Archer 205740 and out of a Victoria cow who is a full sister to Gallant Knight, the Grand Champion of Kansas and Oklahoma. Three other bulls are by nonpareil Star of whom one is a Victoria, one an imp. Edelweiss and one a Christmas Gift and a granddaughter of Viscount of Anoka. Among the females there are a few good helpers that will be sold open or bred to Good News, the present chief of herd bull. Good News was undefeated in class in the Kansas-Oklahoma circuit of 1909. He carries the blood of Choice Goods, Lavender Viscount and Imp. Callynie. He ought to be good with such breeding as that in his pedigree.

Profit Sharing in Large Business Concerns. The wonderful success attained by the International Harvester Co., of America, in carrying on its business is due, not to the immense capital behind it though that is important, not to the superior quality of the machines they manufacture though this is vital, nor yet to the large amount of advertising they do though they would fail without it. All of these are potent factors in the colossal success that has been attained by this company and yet there is one thing of even greater force than any one of these. This is their marvelous selling organization. It is this, more than any other one thing, that has made this business the gigantic success it is. This organization has been secured, in no small degree, through their profit sharing and pension system which they have with their employees. Every dollar of profit made by this great concern is shared with its employees.

Lee Brothers' Percheron Horses. With this issue we start a new ad for Lee Bros. near Harveyville, Kan. The Lee Bros. are breeders of Percheron horses and have a valuable herd. Some of the mares are sired by Casino. All of them safe in foal to the good grey stallion Arthur (48695) 31747 now at head of herd. He will weigh a ton and has action like a coach horse. Out of the 20 head there are 12 black mares, 7 grey mares, and one brown. All good ages and most all broke to work. The mares that won first, second, champion, and the best pair of mares in harness at the Osage county fair, are all in this bunch. Lee Bros. have several extra good young stallions of serviceable age priced right, also 10 pair of matched mares, all safe in foal. The mares are worth all asked for them. If you are in the market for a good team write to Lee Bros. they have them from yearlings up to six years old. The writer has carefully inspected this herd and found them first class in every way and the Lee Bros. are nice gentlemen to deal with. If you want good horses at reasonable prices you can find them on the Lee Bros. farm near Harveyville. Kindly mention the Kansas Farmer when you write them.

Protected by a Guaranty Bond. The Bankers Surety Company of Cleveland, Ohio, has put out an issue of bonds backed by their entire capital and surplus, amounting to millions of dollars. The entire issue backs the guarantee of the Sure Hatch Company of Fremont, Neb. One of these bonds will actually be sent out by the Sure Hatch Incubator Company to every purchaser of a Sure Hatch incubator. This company has always given liberal guarantee with their machines. They will continue to send this guarantee with their machines, and with it you will get one of the Surety Bonds, backing up the guarantee. The Sure Hatch is the only bonded incubator on the market. It is in a class by itself. There are others which look somewhat like the Sure Hatch but they are not up to the Sure Hatch guarantee to hatch all fertile eggs in the severest weather. You'll find it a great satisfaction to know you are holding a cash bond guaranteeing results when you have spent good money for an incubator. Write to the Sure Hatch Incubator Company at Fremont, Neb., and get full information about their bonded incubator before you buy a machine where you are compelled to take long chances. Investigate the real merits of the Sure Hatch, then buy. Please mention Kansas Farmer when you write.

Marshall's Duroc Sale. On Jan. 25, 1910, R. B. Marshall, near Willard, Kan., will sell a draft of his fine Duroc Jersey brood sows. There will be 30 head, the best ever sold, on the Pleasant View farm. Among the attractions is Pleasant View Pride, a triad brood sow, a sure breeder and always raises a large litter. She is now safe to Pleasant View King. Peary 205688, sire Colonel 26959, dam Maybe 17422. This sow is not only a well bred sow but a good individual. She was purchased at a good long price from the K.

TWO EXCEPTIONAL BARGAINS. 560 acres fine second bottom, above overflow, 3 mi. Wagoner, 175 acres cultivation, 25 acres good timber, balance good grass, all tillable and smooth, at \$25.00 per acre. Adjoining land sold at \$42.50. 160, 2 1/2 S. W. Wagoner, good new 5 room house, fair barn, nice young orchard, 80 acres cultivation, balance good hay meadow, at \$35.00 per acre. Write for information. W. H. LAWRENCE, The Land Man, Wagoner, Okla.

"SNAPS" IN GRANT CO., OKLAHOMA. 320 a., 7 miles of R. R., 1 mile to school and store, 1/2 mile to church; 220 a. in cultivation, 1-3 of 100 a. wheat, 100 a. pasture, 3 room house, granary 12x24, good barn and water and mill, small orchard, good soil, all fenced, pasture rolling, farm land level. Price \$10,200 for 30 days; 1/4 cash. Batten Realty Co., Medford, Okla.

CHOICE ALFALFA AND STOCK FARM. 360 a., 8 mi. Elk City, 100 a. choice alfalfa bottom and no over-flow, lots of walnut timber fine soft water, 5 room house, good barn, fine pasture, 300 acres tillable, own option and must sell by Jan. 15th, \$15 per acre. 1/4 cash balance 5 years. Adjoining on south 160 a., all valley, all tillable-box house and barn, all subirrigated under 20 ft., 100 a. cultivated. Until Jan. 15th. ONLY \$22 an acre, all cash, except 1700. These are bargains, we guarantee descriptions. A. P. HARRIS, Okla. Elk City.

"THERE IS NO PLACE LIKE HOME!" You will understand the truthfulness of this more fully after you have come to Beckham Co., Okla., and purchased a home like the one here described. 160 acres, 8 miles from Texola, Okla., all tillable, 60 acres under cultivation. Soil a dark, sandy loam, lies level. Fine soft water. Has some improvements, school across the road and on R. F. D. Land like this in old states worth \$75 to \$100 per acre. Quit renting poor land, and get you a home like this. Price \$2,500 on easy terms. Write for our catalog. Texas Oklahoma Realty Co., Texola, Okla.

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

TEXAS LAND

TEXAS STRAWBERRIES are ripe now. TEXAS CATTLE are grazing on green pastures. TEXAS FARMERS are planting crops, not burning and eating up last summer's profits. Come down and buy a Texas farm. We have the bargains. Write for lists TODAY. A. C. SWANSON & CO., Mason Building, Houston, Texas.

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

MEXICAN LAND

LAND OPENING!

The beautiful Jaritas Valley in New Mexico is opening for settlement. 4000 acres of fine, smooth, IRRIGATED land; every acre within four miles of El Paso & Southwestern Railway. Deep, sandy soil; abundant water; fine climate, reasonable price; easy terms. Water for 1910 crop. The Jaritas Valley lies close to the Colorado and Oklahoma State lines. Write today for FREE particulars, map rates, etc., to THE JARITAS VALLEY LAND BOARD Midland Building, Kansas City, Mo.

100 Silver Wyandottes. Elsewhere in this issue will be found the advertisement of M. B. Caldwell, Boughton, Kan., the best know Silver Laced Wyandotte breeder in the west. Mr. Caldwell breeds them about right and has for sale 100 birds, cockerels and pullets from birds that have won at the big St. Louis and Kansas State shows. Write him at once and mention Kansas Farmer.

NEBRASKA LAND

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

ALFALFA FARMS, DUNDY COUNTY. 160 acres creek bottom, running water, rich soil; 100 acres will grow alfalfa, 6 mi. to town, house, cave, ice house, barn, sheds, \$25.00 per acre. 160 acre valley farm, black soil, 2 mi. Benkelman, new house, barn, sheds, well, under fence, 80 acres will grow alfalfa, irrigation ditch on land, \$30.00 per acre. \$20 acres improved, divide farm, \$20.00 per acre. R. D. DRULNER, Benkelman, Nebraska.

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

CHASE COUNTY, NEBRASKA. Farms and Ranches for Sale. Ranches from \$5 to \$12.50, good level farm land from \$15 to \$30 per acre, where wheat makes from 15 to 40 bushels per acre and corn from 20 to 50, hog cholera unknown, the undersigned has lived here 3 years and can prove the above statements to be facts. We have the lands for sale and automobiles with which to show it. All inquiries answered. Mention this paper and call on or address BONNER & JOHNSTON, Imperial, Nebraska.

262 1/2 acre farm, in Franklin Co., Neb., 3 1/2 mi. from Bloomington Co. seat. About 300 acres choice bottom, alfalfa and corn land, 60 acres good pasture, fair improvements, fine spring, never falling water, from hill, 30 feet above level of house and barn and 45 feet above level of balance of farm land. One of the most ideal farms and best bargains to be found. Price only \$16,000. Choice 1280 a. ranch, well improved. Several quarter sections and larger and smaller farms that are bargains. For information see or write WM. ANDERSON, Franklin, Neb.

TWO SPLENDID FARM BARGAINS. 400 acre farm in Red Willow county, Neb., 2 1/2 miles from McCook, good 8 room house, good barn and other good improvements; 160 acres choice valley alfalfa land, 55 acres now growing, 100 acres bottom and 40 acres upland, cultivated, balance pasture; well watered, some timber and abundance of choice fruit trees, bearing. Actual value of land over \$20,000 but belongs to non-resident, who will take \$16,000 if sold soon—only \$40 per acre. Act quick; don't miss this. 560 acres 12 miles from McCook, 7 miles from Troyer, Kan.; 400 acres choice, smooth farm land, balance good pasture, half cultivated, slight improvements. A splendid bargain at \$18 per acre. For other snaps in farm and ranch lands write or see ACKERMAN & STEPHENS, McCook, Nebraska.

COLORADO LAND

COLORADO ALFALFA. Wins first prize among standard farm crops in Eastern Colorado, near Denver. One year's alfalfa crop more than pays for land now selling from \$15 to \$25 per acre. Wheat, oats, potatoes, do equally well on these low priced sub-irrigated lands. Map of Colorado and alfalfa literature, sent free. Ask COLORADO FARM LAND ASSOCIATION, 279 Dearborn St., Chicago, Ill.

320 ACRE HOMESTEAD FREE

Fine farm lands, Colorado near Denver. Good railroad town near. Produces potatoes, wheat, oats, alfalfa and fruits. Fine stock country. Land free to homesteaders. We locate you. Write for particulars. Charles M. Carroll, Government Land Locator and Settlers' Agent, 713 17th St., Denver, Colo.

Colorado Lands and Sunshine

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

S. A. C. last year. There will be several of her gilts in the sale to show what she will produce. Winner Lady by Sure Winner and out of Echo Queen. The sire of this sow was a great prize winner. This sow while a little thin in flesh, owing to having a fall litter, will be one of the bargains in the sale. She is bred to a son of Tattarrax and ought to produce some prize winners. One of the best things in the offering is College Girl by Pilot Wonder. This is one of the best sows in the sale and an extra good individual. She raised a fine litter by Tattarrax last year. She will be an attraction in any herd. Send for a catalog of this sale of good brood sows and attend this sale. If you can not attend send a bid to O. W. Devine, representing Kansas Farmer, who will treat you right.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

COLORADO LAND

COLORADO LAND

COLORADO LAND

COLORADO LAND

Why Pay Rent

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

DO YOU KNOW OF ANY SAFER INVESTMENT

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

A. S. Mitchell, The Land Man,
Hugo, Colorado

BIG CROPS Grown on Eastern Colorado Land

1500 farmers settled in Cheyenne county recently. The county is fast settling up. The investor should buy now. The homeseeker should secure a home while LAND CAN BE BOUGHT AT
\$10 to \$15 an Acre on Easpe Terms.

Modern School Facilities. High School and Manual Training.

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

Telephone System. Rural Free Mail Delivery.

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

Come and see the crops grown on this cheap land.

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

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

The Cheyenne County Land Co.,

CHEYENNE WELLS, COLORADO.

Colorado Land Snaps

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

4,600 acres, fair ranch improvements; running streams; shallow water for domestic use or irrigation by pumping; level land; excellent soil; at only \$3 per acre; half cash. Better investigate this if you want a big buy.

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

1,250 acres, nice level land; 2 1/2 miles from main line railroad station; \$8.50 an acre; easy terms. This will sell for double in two years.

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

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

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

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

Three fruit farms in the justly celebrated Faonia section of Delta county, Colorado; sure crops of the finest fruit raised anywhere in the world; frost does not bother; water rights A-1; fair improvements. One man owns all these three places, is getting old and wants to sell, and in order to do so makes prices just one-half less than neighboring places are selling for. Eighty acres, 1,000 four-year-old Jonathan apple trees; 700 Elberta peaches, apricots, cherries; besides some old orchard in full bearing; berries, grapes, currants, gooseberries; 18 acres alfalfa; 13 acres grain land, oak grove around house, running spring that supplies kitchen and milk house, price \$10,000; half cash, balance easy. Eighty acres, 350 Elberta peaches and 125 Jonathan apples 3 years old; 487 winter variety full-bearing apple orchard; 3 acres alfalfa; price, \$6,000. One hundred and sixty acre ranch, 1,500 apple trees—mostly Jonathans, over one thousand Elberta peaches, various other kinds of fruit and berries, alfalfa, etc.; 2 sets farm improvements; some live stock and farm implements with this place; price, \$15,000, which is less than \$100 per acre. Unimproved land, under water, in this section is worth \$150 to \$200. If you want a fruit farm investigate these quickly. Write or call on

IRVIN L. RICHARDS

405 QUINCY BUILDING DENVER, COLO.

CALL OF THE WEST

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

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

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

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

THE BEST OF NORTHEASTERN COLORADO.

Act now and get the benefit of the rapid rise in values. Some good homestead lands subject to filing.

THE WESTERN LAND CO.

Sterling, Colorado.

Kiowa County, Colo., Land.

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

Prices range from \$5.00 per acre upward.

Write for terms and description.

ALBERT E. KING, McPherson, Kansas

CANTALOUPE, SUGAR BEETS, ALFALFA, LIVE STOCK.

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

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

IRRIGATED LANDS in the famous South Platte Valley of Colorado. Fine 160 under the old ditch. Price \$180.00 per acre. Owner will guarantee \$15.00 per acre cash rent. Fine 160, all in alfalfa, \$100.00 per acre. Will rent for \$10.00. Fine one-half section at \$75.00 per acre. We have a number of good quarters from \$30.00 to \$40.00. We have some fine propositions for exchange for business blocks or general merchandise. We also have some fine tracts of cheap land, ranging in price from \$10.00 to \$20.00 per acre for colonizing. Raise fine crops under the Campbell system of farming. Write us for prices and literature.

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

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

BELL & WHITE,
Lamar, Colo. Civil and Irrigation Eng'rs.

WE SELL THE BEST IRRIGATED LANDS

At \$40 to \$80 an acre up, according to improvements, within 2 to 4 miles of shipping point, these prices include perpetual irrigation water rights deeded with the land, good title to both land and water or no sale. For further particulars write or see
THE GEO. A. WATSON LAND CO.,
Lamar, (Established 1888) Colo.

The Lone Wolf Real Estate & Investment Co., Lone Wolf, Okla., composed of Messrs. T. McInturf and O. C. Hartzog, prominent and successful business men of Kiowa county start an advertisement in this issue. They have exceptional bargains in wheat, oat, alfalfa and cotton lands. Any of our readers, who are looking for a home or an investment, should look up the advertisement in this issue and write for further information.

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

IRRIGATED FARMS.

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

J. B. TRAXLER, LAMAR, COLO.

LAND BARGAINS.

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

HENRY M. CHASE LAND CO.,
Denver, Colorado.

DO YOU WANT A HOME?

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

VANDERHOOF & MacDONALD, Otis, Colo.

"A FREE RIDE TO COLORADO."

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

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

NEBRASKA LAND

DON'T MISS THESE LAND BARGAINS.
320 acre, choice farm, Hayes Co., Neb., 7 1/2 miles from Fallsdale, smooth, best of soil; 200 acres to wheat; 1-3 rental, good 4-room house, well, windmill, etc. A perfect beauty, in fine neighborhood. For quick sale, \$35 per acre. 1,200 acre ranch, Lincoln Co., Neb., 5 miles from Wallace; 450 acres good bottom, alfalfa and corn land; balance good pasture, timber and living water, \$20 per acre. For other good land bargains see or write us. **SMITH BROS., Fallsdale, Neb.**

PLATE RIVER VALLEY BARGAINS.

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

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

BOX BUTTE COUNTY BARGAINS.

296 acre ranch farm, 10 mi. to sta., best in the west, \$5,000 improvements, all good land. Price for quick sale, \$15 per acre. 2,000 a., well improved, 700 a. best hay land, 8 mi. to sta., all good land. Price \$25 per a. Will consider exchange for some good income property or eastern farm land. 320 a., all level, only 5 mi. to Alliance. Price \$20 per acre. 160 a., all level and good, 10 mi. to town, only \$12.50 per acre. Other choice bargains in all sized tracts, at \$12.50 to \$25.00 per acre.
DINEEN, RUBENDALL & YOUNG,
Alliance, Nebraska.

ALL OF ONE SECTION.

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

YUMA COUNTY REAL ESTATE CO.,
Wray, Colorado.

WHERE THE GOOD CROPS GROW.

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

Colorado Irrigated Lands

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

Price of Land 50 Cents Per Acre.
Perpetual Water Rights \$35 Per Acre.

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

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

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

NEBRASKA LAND

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

WE SELL 6 PER CENT FARM LOANS.
Loans on Nebraska farms, Platte Valley irrigated lands and Idaho irrigated and orchard lands. All choice securities, which net the investor 6 per cent. Interest and principal remitted without cost to purchaser. Address
HEMINGFORD LOAN & TRUST CO.,
K. L. Pierce, Secy.
Hemingford, Neb.

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

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

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



ARE YOU LOOKING FOR A FIRST-CLASS STALLION?

If so, call and inspect our horses. The cut shown above is a kodak picture of some of our Percherons and Belgians. We now have 100 head of Percherons, Shires and Belgians in our stables, ranging in age from 2 to 5 years. They are the low-down, heavy-boned kind with lots of quality. Our prices cannot be duplicated, breeding and quality of horse considered. Our 60 per cent breeding warranty is as good as a Government Bond. Write today for our new catalog, stating your wants. It will show you a large number of actual photographs of horses now in our barns. Do not delay, but write today. On December 29th, 1909, Daniel Kelley & Son of Lincoln, Neb., will sell at Public Auction, 24 head of Imported Percheron, Shire and Belgian mares. This sale will take place at our barns. F. M. Woods, Auctioneer.

WATSON, WOODS BROS. & KELLY CO., Lincoln, Neb.



L. R. Wiley & Sons, Elmdale, Kan.

IMPORTERS AND BREEDERS OF
Percherons, French Draft, Shires and Coachers

We have just landed 25 more stallions of the top kind on our ranch. And just one word with you, Mr. Buyer, if you want a first-class stallion or mare either imported or American bred and will come and inspect our horses, if you don't think you have found the best bunch of horses in the state of Kansas and our prices the lowest considering quality, you are getting, we will pay your expenses here and back to your city. All of our horses are bought and personally selected by us and can save you big money; you to be the judge. Write for our prices and terms before buying elsewhere.

ROBISON'S PERCHERONS



Do not forget my tenth annual sale of sixty registered Percheron stallions, mares and colts at fair grounds, Wichita, Kan., February 15, 1910.

This offering will be up to the high standard of the Robison Percherons. The sale will include six imported stallions, twenty American bred stallions, twenty mares bred to Casino. Mares and colts sired by Casino.

Send for catalog and mention the Kansas Farmer.

J. G. ROBISON, Towanda, Kansas

HOLLAND STOCK FARM

IMPORTERS AND BREEDERS OF

Percheron and German Coach Stallions and Mares

The largest collection of extraordinary stallions and mares in the southwest. A superior lot of two and three year old imported Percheron stallions of the popular colors, black-grays and solid blacks. The most selected herd of imported Percheron mares in America. Young registered American bred Percheron stallions and mares. Imported German Coach stallions of superb action and beauty. Our Percherons are of superior quality and finish, possessing great size, heavy bone, vigorous action and breeding, tracing to the most noted sires and dams of France. Our mares are all producing mares, acclimated, broken to work safe in foal and in the very best of condition. We will supply you with an extraordinary stallion or mare for less money than others, and only wait the opportunity to prove our statements by having you make us a visit and see the horses for yourself. Our prize winning stallions and mares for your selection at very reasonable prices and the very best of a guarantee. The best Percheron stallions and mares. The best German Coach stallions and mares.

Springfield,

CHAS. HOLLAND, Prop.,

Missouri.



Imported Percheron Mares and Stallions

For sale, several nicely matched teams of two and three year old imported Percheron mares, bred, black and grays. Several extra good two and three year old imported stallions. We handle only the best. Come and see us.

J. A. FEE & SONS, STAFFORD, KAN.

PERCHERONS, SHIRES SADDLES and JACKS



28 registered jacks and jennets, 12 registered Percheron stallions and mares, 1 Imp. English stallion, 1 comb. harness and saddle stallion. Good stuff and at prices that will move them.

FRED POOS, Kansas.

JACKS FOR SALE

WE have at all times a good supply of Jacks from 14 1/2 to 16 hands high. Buy one this fall and save money. Thirty head to select from.

All Guaranteed.
PETTY BROS., SEDALIA, MISSOURI

STALLIONS AND JACKS.

One 4-year-old Belgian stallion.
One Percheron stallion.
One standard bred stallion.
One eight-year-old extra good black jack, nearly points, guaranteed all right and a good breeder. All these stallions are registered and will be sold at a bargain if sold soon. Will trade for good land. Come and see me.

For Sale

27 Missouri Mammoth jacks and jennets, 3 stallions and Hereford cattle.
J. T. Watson
New London, Ralls Co., Mo.



FAIRVIEW JACK AND JENNET FARM

Registered Mammoth Jacks and Jennets for sale cheap, at all times quality considered. They have big bones, big heads and ears, and breed big mules. They are Missouri jacks—the best that grow—14 1/2 to 16 hands high. A big lot to select from. Everything guaranteed as represented. Established 1892.

J. C. HUCKSTEP, Proprietor, EOLIA, MO.

75 HEAD JACKS AND JENNETS

All ages up to seven years old. Guaranteed as represented and priced reasonable. Special prices for fall trade. Come and see me.

PHIL WALKER, KANSAS.

35 Jacks & Jennets 35

Few good Percheron and saddle Stallions. Jacks 14 1/2 to 16 hands and the very largest that can be found. 40 miles K. C. on U. P. and Santa Fe. Long distance phone

AL E. SMITH, Lawrence, Kan

DUNHAMS' PERCHERONS

Fourth large importation within the year arrived November 23rd, which, added to our present stock, offers intending purchasers the finest collection in America. If you want the best horses, horses with bone, quality, size, action and best breeding stallions or mares; if you want fair and liberal treatment; if you want lowest prices consistent with good merchandise, visit Oklawaha. Catalog shows the place and the horses.

W. S., J. B. & B. Dunham, Wyo. Ill

Breeders' Sale

450-HORSES-450

In Coliseum, Bloomington, Ill.

February 1, 2, 3 and 4, 1910.



On Tuesday, Wednesday, Thursday and Friday we will sell

350 Imported and Native Bred Registered

Percherons, Belgians, French Draft, Shire and Clydesdale Stallions and Mares.

150 HEAD Imported Stallions & Mares that will land by sale day

100 HEAD Imported Stallions and Mares that have been here a year.

150 HEAD of the Best Registered Mares that ever went in the auction ring.

150 REG. STALLIONS of the very choicest of breeding and individuality.

On Friday, February 4, 1910

we will sell 100 head of Registered Trotters, Grade Draft, Saddle and All-Purpose Farm Horses, Stallions, Mares and Geldings.

CONSIGNERS—Moots Bros., John C. Baker, A. M. Storm, Downs Bros., Miller Bros., W. S. Halane, H. I. Messinger, W. C. Baughman, O. R. Thompson, J. Wilt, John Yoder, M. G. Murray, Leemon Bros., Enos Stewart, W. H. Ritter, Saxe Bros., D. D. Brotherton, J. W. Cavanaugh, W. H. Welch, T. T. Hix, Fred Musselman, Chas. D. Stubblefield, W. A. Turnipseed, D. Augustin, Stream & Wilson, Wm. Zumdahl, A. J. Dodson, Ralph Moore, Geo. Rasor, L. C. Wheaton, R. E. Johnson, Ed Hodgson, C. W. Funk, Rogers & Allen, John Taylor, Simon King, Dr. D. Sigler, L. C. Judy, G. R. Loper, Hemphill Bros., G. H. Behrens, Ewing & Tavenner, and 40 others. CATALOG READY JAN. 15, 1910.

BREEDERS' SALE CO.

C. W. HURT, Mgr.,

Arrowsmith, Ill.

Draft Stallions and Mares

Imported and Home Bred Registered Percherons, Belgians and Shires.



We have over 200 young stallions and mares. All will make top horses and we will guarantee satisfaction in quality and price. 60 per cent guarantee on stallions and mares guaranteed breeders. Come and see. Send for catalog.

NORTH & ROBINSON, Grand Island, Neb.,



Percheron Stallions

I am offering an extra good lot of 2- and 3-year old Stallions for sale. Big drafty fellows with lots of bone. Also have a few mares for sale from yearlings to 8 years old.

R. F. D. 2. J. W. BARNHART, Butler, Mo.

Kansas Farmer ads Bring Results

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.
Up-to-date Poland China hogs. Write you want.
H. N. HOLDEMAN,
Meade, Kansas.

STALLION AND JACKS FOR SALE
Young Percheron stallions, home bred, and Mammoth jacks for sale.
SOUTH ATHOL STOCK FARM,
O. A. Scott, Athol, Kan.

STALLIONS AND JACKS
Several Kentucky jacks from 15 to 16 hands high. One mile from town.
BRUCE SAUNDERS,
Holton, Kansas.

M. H. ROLLER, J. O. ROLLER.
Breeder of registered jacks and jennets. For sale 14 jacks and 20 jennets 14 to 18 hands. All black. We raised all of these jacks and broke them. We are not speculators and you get them first hands if you buy from us. 89 miles N. W. of K. C., 65 miles W. Leavenworth. 6 passenger trains daily except Sunday, 2 Sunday. Write for catalog—Free for asking if Kansas Farmer is mentioned. **M. H. & J. O. ROLLER,** Circleville, Kan.

REGISTERED MAMMOTH JACKS.
Jacks, jennets, saddle horses, trotting and pacing stallions; 260 head to select from. Catalogues now ready.
J. F. COOK & CO.,
Lexington, Kentucky.

SHETLAND PONIES FOR SALE—20 imported stallions and a few bred mares. We have recently returned from Scotland with the finest importation of ponies ever brought to Nebraska. Write for private sale catalog. **CLARK BROS.,** Auburn, Neb.

FOR SALE.
Extra good black Percheron stallion, sure breeder, a ton horse. **GEO. GROENMILLER,** Pomona, Kan.

QUALITY PERCHERONS.
A few head of stallions from 3 to 7 years including Imp. Alfort, a ton horse of rich Brilliant blood. Also a few Standard bred mares. Buyers met in Topeka on notice.
JOHN A. PECK,
Phone Watson Exchange, Tecumseh, Kan.

50 Imported Percheron Stallions and Mares 50

Ton stallions, blacks and grays, selected for the best trade. Handsome animals, nothing but imported horses handled, of the best breeding, terms, insurance and guarantee.
PERCHERON IMPORTING CO.,
Chas. R. Kirk, Pres., South St. Joseph, Mo.



FRANK IAM'S'

new importation of draft stallions and mares arrived September 20, 1909, by "Iams' own special train" of "ten express cars." They are "business propositions" that "jar the cherries" on a "wide-awake" "horseman's hat." Iams' "Peaches and Cream" stallions and mares are "eye-openers." They are "diamonds," sold "at fifty cents on the dollar." They are "winners" and "sons of winners," having won "eighty prizes and medals" at Paris and Brussels and leading European horse shows. Iams makes buyers.

"SIT UP AND TAKE NOTICE"

"Ikey Boys" get into Iams' "money-saving game." Buy a stallion and mare today—save \$300.00. Iams "tickles" buyers with "Rippers" at "Let Live Prices." Owing to bad crops, panic—Iams' cash, his 27 years' successful business. He bought and sells better horses cheaper than ever. Mamma, Iams is a "hot advertiser," but, "he has the goods" and sells horses at his barns only. Buyers get the "middlemen's profits" at Iams'. Iams has

200--PERCHERONS AND BELGIANS--200



two to six years old, weighing 1,700 to 2,500 pounds; 90 per cent blacks, 50 per cent ton stallions. All registered and branded. He sells "toppers" at \$1,000 and \$1,400 (fe higher), mares \$700 to \$1,000, so good they need not be "peddled" or put on the "auction block" to be sold. Iams' "selling clothes" fit all buyers. No man with money or bankable notes gets away from Iams. He buys, owns and sells more stallions than any man in the United States; saves thousands of dollars to stallion buyers. He is not in the

stallion trust. Iams places \$1,500 insurance.

\$1,000---SAVED AT IAM'S'---\$1,000

Ikey, what "a graft" these "stallion salesmen" are working on the farmer, selling fourth-rate stallions at \$2,000 and \$5,000! Mr. Buyer, see Iams' stallions yourself. Take no stallion salesman's word. "Iams has the goods you read about." His establishment is worth going 2,000 miles to see. Iams' competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Big Bill, buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters; has no two to ten men as partners to share profits with. Iams guarantees to sell you a better stallion at \$1,000 to \$1,500 than are sold to stock companies at \$2,500 to \$5,000 by slick salesmen, or pay you \$500 for your trouble, you the judge. Iams pays horses' freight and buyers' fare; gives 60 per cent breeding guarantee. Iams' guarantee is backed by one-half million dollars. Write for Million Dollar Horse Catalog, Greatest on Earth. References—St. Paul State Bank and Citizens' National Bank,

ST. PAUL, NEBRASKA

Kansas Farmer ads Bring Results

LAKEWOOD FARM

The Greatest Breeding Establishment in the World.

Calypso, the world's champion, at head of stud. Sensational show record: 30 prizes awarded Lakewood Percherons at International 1909, 12 of which were firsts and championships, a record never before equaled by any one other exhibitor. In addition Lakewood Percherons won 155 prizes at the great state fairs and expositions of the west the past season, 76 of which were firsts and championships. A grand lot of big, heavy boned stallions, and a choice selection of mares at prices that defy competition. If you want the best, do not fail to visit Lakewood Farm before buying.

H. G. McMillan & Sons, Rock Rapids, Ia.
Branch Barns, Sioux City, Ia. Great Falls, Mont.

BLUE RIBBON STOCK FARM
For Sale, 20 Head of Registered Percheron Mares. Safe in foal. Color, ages, weights and prices right. Call or write
LEE BROS., Harveyville, Kan.
Farm joins town.

FOR SALE AT RIVERSIDE STOCK FARM.
5 Percheron Stallions from 2 to 5 years old, 5 Percheron mares from 15 months old to 5 years old. All colors good. All registered and breeding guaranteed. A fine young registered Shorthorn Herd with Royal Glosster at the head, a pure Scotch bred bull. I will trade this herd on a good farm. Come and see my stock or write.
Thapman, O. L. THISLER & SONS, Kansas.

44 - PERCHERON MARES AND COLTS - 44
Greatest Percheron Mare Sale ever held in the Middle West.
WEDNESDAY, JANUARY 12, 1910
C. W. Lamer will sell at his Barn in Salina, Kansas, beginning at 10:00 a. m., 44 head of Registered Mares and Colts, consisting of
25 MARES, 18 HEAD AVERAGING 1800 LBS. EACH; 11 SUCKLING COLTS, 2 YEARLING FILLIES, 6 YEARLING AND TWO-YEAR OLD STALLIONS.
It is very gratifying to me to tell you that I have as good a bunch of Mares as was ever shown in one Barn—with plenty of bone, style, action and conformation. These Mares are young and sound and from three to six years old, many of them with colts by their sides and broke to work. 15 "blacks," 6 "dark greys," and the balance are "bays" and "browns." Ninety per cent of them are safe in foal. The Colts are large and growthy. Just the thing for a farmer to take home and grow a good Stallion or Mare. Every animal for this sale was carefully selected by me, personally, and I can assure you that I bought every good one regardless of price.
Come to my Barn in Salina, Kansas, on January 12, 1910, and even if you do not buy a Mare you will be well pleased with the trip, because you will see a REAL HORSE SHOW.
I have a Barn full of Draft Stallions, many new ones just received, that we are offering at private sale. Come one day before the Sale and look over his Stock. I assure you that you will see so many of the "real kind" that it will be hard for you to make a selection.
WEDNESDAY, JANUARY 12, 1910, COMMENCING AT 10:00 A. M.
Write for Catalogue.
C. W. LAMER, SALINA, KANSAS



Princess and four of her colts by Bosquet.

Combination Percheron Horse Sale **ABILENE, KAN., TUESDAY, JAN. 25**
20 stallions, more than half imported horses. 15 mares, richly bred, all broke to work and in foal to great sires. The offering is a good, useful one, a big per cent of it rich in the blood of Old Brilliant and other noted prize winners. Among the consignors are J. H. Peaks, W. H. Rhodes and Kansas Agricultural College, all of Manhattan, Kan.; W. H. Graves, Lancaster, Kan.; W. H. Richards, Emporia, Kan.; N. I. Hughes, Paullina, Iowa; W. W. Griffith, Lake City, Iowa; Chas. E. Sutton, Lawrence, Kan.; Wayne Beasley, Paxico, Kan.; Geo. Groenmiller & Son, Pomona, Kan.; John F. Richards, Olsburg, Kan.; Estis Hudson, Hebron, Neb.
SALE WILL BEGIN AT 1 O'CLOCK. Attend this sale if you love Percherons. Sale in warm pavilion. Auctioneers—Sparks, Brady, Curphey, Little. Mention Kansas Farmer. For catalog write **W. H. RHODES,** Manager, Manhattan, Kan.

ROCK BROOK FARMS

4th Annual Sale of

Registered Holstein

Freisian Cattle

125 head of all ages including 50 cows and heifers in milk or soon fresh, 25 heifers bred to calve in spring and summer, 25 heifers under 1 year old and 25 bulls from 4 months to 2 years old.

Included in the females are, Dora Ricka Priscilla 73423, who won the Nebraska Dairymen's Association test of 1909, making over 15,000 pounds of milk and over 600 pounds of butter in one year. A number of A. R. O. cows and daughters of A. R. O. cows, cows in calf to noted eastern bulls, and heifers sired by some of the best bulls of the breed.

The bull offering includes sons of such noted sires as DE KOL 2D'S BUTTER BOY 3D, KING OF THE PONTIACS, KING SEGIS PONTIAC, SUNNY JIM, THE MILK AND BUTTER KING 2D, and others.

In all this will be the grandest lot of Holstein cattle ever sold in the middle west. Every animal guaranteed a breeder.

Send for catalog.

Sale will be held in the Steam heated Sale Pavilion at the Union Stock Yards

SOUTH OMAHA, NEB.

Tues. & Wed. Feb. 8 and 9, 1910

HENRY C. GLISSMANN,
STATION B. OMAHA, NEB.

Col. R. E. Haeger, Col. R. M. Adkins, Col. F. P. Zaun, Auctioneers.

40 = 40 POLAND CHINA BROOD SOWS

The best of the breed will be sold at

ELDON, MO.
JANUARY 21, 1910

This offering is positively the best bred lot of high class prize winning blood to be sold this year. No. 1—American Beauty by Corrector 2d, dam Beauty Perfection. No. 2 is Colonial Girl, a litter sister to No. 1 and bred to Decatur for March 1 litter. No. 3 is Klever's Best by Darkness Perfection, the first prize sow at Missouri State Fair 1907, in 2-year-old class, bred to Decatur for March 1 litter. This is a tried brood sow. No. 4, by Corrector 2d and out of Cute Keep On, safe in pig to Parnell. No. 5, Classmate by Decatur, out of Cute Keep On, bred to Parnell. No. 6, Black Princess by Decatur, dam Princess Gaffey, bred to Masticator 2d. No. 7, Glays by Corrector 2d, champion sow Kentucky State Fair 1909, bred to Decatur. In this offering there will be 18 sows and gilts sired by Corrector 2nd.

12 gilts by Decatur and other up-to-date breeding. Send your name in early for catalog and arrange to attend my sale. If you can not attend send bids to O. W. Devine, representing the Kansas Farmer, in my care and they will be honestly handled.

H. B. VANHOOSER
ELDON, MISSOURI

DAWSON'S Brood Sow Sale

OF EXPANSION—BIGGEST OF THE
BIG KIND—POLAND CHINAS

**Fair Grounds Pavilion, Topeka,
Kan., Jan. 22, 1910, (Afternoon)**

35 big type sows by and from the home of the old "king of big type" Expansion, Colossus 29077, the grand champion Topeka, 1909, and sire of first prize herds Nebraska, Kansas and Missouri State Fairs, 1909; Grand Look 38305, the champion of three states; Massive 71653, an Expansion boar with great finish and other Expansion and Grand Look crosses, the cross that has size, bone, with show yard finish. "Old Expansion is dead and this is one of the last chances to get a daughter of one of his line of breeding. Twenty of these sows by Colossus, Massive, and are yearlings, safe in pig to King Massive, a 1,000 pound prospect, Expansion Dee 53421, a brother to Expansion Dee 37198, the 1,120 pound boar, Defender 54201. These sows weigh near 500 pounds sale day. Fifteen gilts are early spring farrow, weigh from 250 to 350 pounds sale day and are by Expansion, Grand Look, and their crosses All bred and all safe. We invite the best hog men in the country to come and see the best offering of the biggest of the big kind. We will also offer five young summer herd header males. Our winnings 1909: Nebraska State Fair, first aged boar Colossus, first young herd by Colossus, also bred by exhibitor and get of boar, produce sow. In 1909 at Topeka we won all firsts in class and all championships showed for on Colossus, the aged sows with him and his produce. Only first got away in that class we had no exhibit. At St. Joe stock show we won six firsts and eight championships. At Missouri State Fair 1909 two firsts and four championships on young herds by Colossus, himself not being shown. Send for catalog. Guarantees and pedigrees given sale day.

Branson and Brady, Auctioneers.

H. C. DAWSON & SONS
Hendicott, Nebraska

65 - POLAND - 65 CHINAS

THE CREAM OF
**F. G. NIES & SON HERD OF HIGH
CLASS POLAND CHINAS**

Sale will be held at

CLEARWATER, KANSAS
THURSDAY, JANUARY, 27, 1910

21 tried sows sired by such boars as Mischief Maker, Impudence, Chief On & On, Meddler Correct, Meddler 2d, Meddlesome, On & On Chief, Perfection Jr., Perfection E. L., Boom De Aye, Corrector 2d, Pruitt's Perfection, Mischief Maker 2d, Success and High Ball.

35 gilts sired by Modern Monarch, High Ball, Grand March 2d and Spangler's Hadley.

20 of these will be bred to "Bijinks," by Hadley. Bijinks is a big March pig with lots of quality and large bone.

9 spring boars sired by Modern Monarch and "On the Plumb."

This is a large offering but so much the better for the buyers for there will be more bargains. For information about this offering of big, smooth Poland Chinas, write us for catalog, mentioning Kansas Farmer, and arrange to attend this sale. If you can not come send bids to O. W. Devine, representing Kansas Farmer. Address

F. G. NIES & SON
GODDARD, KANSAS

Auctioneer, John D. Snyder, Winfield, Kan.

Readers Market Place

CLASSIFIED ADVERTISING
3 CENTS 4 WORD

The rate of advertising in this department is low, only three cents per word each insertion. There is no more popular advertising than classified advertising. Every one reads classified ads, and just because they are classified. You can reach 50,000 farmers in Kansas and adjoining states, the best farmers on earth, through this page. All ads set in uniform style, no display. Initials and address count as words. Terms invariably cash in advance.

HELP WANTED.

WANTED—ECONOMICAL AND PARTICULAR people to take advantage of our prices and service. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

WANTED—A SOLICITOR WITH HORSE and buggy to drive through the country and solicit subscriptions. Address Circulation Manager, Kansas Farmer, Topeka, Kan.

WANTED—LOCAL MEN TO TAKE ORDERS for high grade western grown nursery stock. Experience unnecessary. Outfit free. Cash weekly. National Nurseries, Lawrence, Kan.

WANTED—RAILWAY MAIL CLERKS. Many spring examinations. Commencement salary \$800. Preparation free. Write for schedule. Franklin Institute, Dept. O., 113, Rochester, N. Y.

\$40 PER WEEK TO MEN, WITH RIGS to sell nursery stock. Write Western Nursery Co., Lawrence, Kan.

GOVERNMENT FARMERS WANTED— Salary \$75 monthly. Free living quarters, fuel and light. Examination soon. Let us prepare you now. Write today. Ozment, Dept. 44F, St. Louis.

WANTED—BUYERS AND AGENTS TO sell our cement block and fence post machinery. Send for circulars and prices. Address W. L. Keller, Cement Block Machine Co., Kearney, Neb.

WANTED—LADY OR GENTLEMAN AS local representative in every Kansas county. Splendid chance to make good wages without great effort and no expense. Write for particulars. Address Circulation Department, Kansas Farmer, Topeka, Kan.

WANTED—RAILWAY MAIL CLERKS— Let us prepare you for spring examination; 100 Free Scholarships. Pres't of our school conducted Gov't examinations. Write for Catalog and Free Trial Lessons. Ozment's College, Dept. 44R, St. Louis, Mo.

WANTED—MEN TO LEARN THE BARBER Trade; few weeks complete, practical instructions by experienced barbers who know their business and teach it as they know it; extra large outfit of tools given with reduced tuition price; wages while learning; diplomas granted; write for free catalogue, handsomely illustrated. Schwartz System of Barber Colleges, 30 W. California Ave., Oklahoma City, Okla.; Wichita, Kan.; El Paso, Texas; 75 E. 2nd St., Amarillo, Tex. Address any school.

POULTRY.

FOR SALE—MAMMOTH BRONZE TURKEYS. Mrs. M. H. McKeever, Downs, Kan.

R. C. W. LEGHORN COCKERELS, \$1.50 each. C. W. Howard, Stamford, Neb.

WHITE LANGSHAN COCKS AND COCKERELS for sale. Mrs. A. J. Curyea, Dwight, Kan.

EXTRA CHOICE RHODE ISLAND REDS and White Wyandottes, \$1.25 up. G. S. Thomas, Geneva, Neb.

FOR SALE—A CHOICE LOT OF BARRED P. Rock cockerels at \$1.50 each. D. N. Hill, Route 1, Lyons, Kan.

PULLETS—WHITE WYANDOTTES, \$1.00 each. Mrs. George Downie, Route 2, Lyndon, Kan.

50 WHITE ROCK COCKERELS AND A few good pullets for sale. J. C. Bostwick, Hoyt, Kan.

RHODE ISLAND REDS, COCKERELS, both combs; prices, \$1.00 and \$1.50. Meda Wheeler, Argenia, Kan.

FOR SALE—BUFF WYANDOTTE COCKERELS. Write for prices. Address W. K. Heaton, Garfield, Kan.

SPECIAL PRICE ON CHOICE WHITE Wyandotte cockerels. G. A. Welbe, R. 8, Beatrice, Neb.

CHOICE R. C. R. I. RED COCKERELS from World's Fair and Jamestown winners. Mrs. A. L. Scott, R. 1, Larned, Kan.

BARRED PLYMOUTH ROCKS—A FEW good cockerels for sale at \$1.50 and \$2.00 each. Mrs. Wm. Bumphrey, Corning, Kan.

EXTRA LARGE MAMMOTH BRONZE turkeys, Barred Plymouth Rocks, Rose Comb Brown Leghorns, cockerels for sale. Mrs. L. R. Wiley, Elmdale, Kan.

RUFF COCHINS—FINE BREEDING cockerels. \$2.50 each; high grade, selected hens, \$1.00. Mrs. L. O. Housel, Jewell, Kansas.

ROSE COMB BROWN LEGHORN COCKERELS, scored and unscored. Write your wants. Mrs. John Holzhay, Bendena, Kan.

BLACK LANGSHAN COCKERELS— Standard bred. Large bone. Green barring. One for \$2. Two for \$3. Mrs. D. A. Swank, Blue Mound, Kan.

R. C. BROWN AND R. C. WHITE LEG-horn cockerels and M. B. Turkeys, all fine stock. Address W. M. Eagle, Melvern, Osage Co., Kan. R. F. D.

100 EXTRA GOOD BARRED PLYMOUTH Rock Cockerels. They are of the E. B. Thompson strain, large birds and nicely barred, have won over 50 premiums in last three years; satisfaction guaranteed. Paul Oliver, Danville, Kan.

LAWYERS.

A. A. GRAHAM, ATTORNEY AT LAW Topeka, Kan.

HORSES AND MULES.

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

CATTLE.

WANTED—20 COWS ON SHARES. GOOD deal. W. H. Brannan, Ogallah, Kansas.

SEE US BEFORE PLACING YOUR stock catalog printing. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

FOR SALE—12 GRADE JERSEY MILK cows, seven soon to freshen. Exceptional lot \$800. Sayda Polo Jersey Farm, Parsons, Kan.

FOR SALE—TWO SHORTHORN BULLS, one red September yearling, sire Barmpton Knight, out of a Gallant Knight cow. One roan pure Scotch bull fall yearling. Sire Lord Bauff 2nd, out of Red Lady 5th, a pure Scotch cow. Harry H. Holmes, Great Bend, Kan.

ALYSDALE SHORTHORNS—HERD headed by Archer's Victor 292012. For Sale, Prince Consort 137008, beautiful dark red, 8 years old, sired by Imported Prince of Perth, dam full sister to "Lavender Viscount." Is a straight Scotch bull of the finest breeding. Also four fine yearling bulls, red in color, and about 8 richly bred cows and heifers, all at a bargain. Come and see them Chas. W. Merriam, Columbian Building, Topeka, Kan.

SEEDS AND PLANTS.

1910 SEED CATALOG.—OUR NEW spring catalog is now ready and will be mailed free of charge to anyone who is interested in good seeds. Write for it. The Barteldes Seed Co., Lawrence, Kan.

REAL ESTATE.

WE CAN SELL YOUR PROPERTY. SEND description. Northwestern Business Agency, Minneapolis, Minn.

WE CAN TRADE YOUR PROPERTY. Book of 500 exchanges free. Graham Brothers, Eldorado, Kan.

FOR FREE INFORMATION ABOUT Beckham county, Okla., land, at \$3,000 to \$8,000 a quarter, write to or call on E. A. Holmes, Real Estate, Erick, Okla.

NOTICE THE OTHER BARGAINS IN Real Estate offered under Bargains in Farms and Ranches in this paper.

FREE INFORMATION ABOUT OKLA-homa. Homer B. Wilson. Here since 1893. Enid, Okla.

BUSINESS CARDS 500 FOR \$1.50—Prompt service. Send for samples and estimates. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

FOR SALE—320 ACRES WELL IMPROV-ed, 120 acres in pasture, 100 acres to wheat, all goes, only \$30 per acre, act quick. J. F. Shump, Cunningham, Kan.

A LARGE LIST OF DESIRABLE farms for sale on very liberal terms and prices. For further information call on or address Thomas Darcey, Real Estate Agent, Offerle, Kan.

BUY A HOME IN EASTERN OKLA-homa. 50 farms for sale, three illustrated booklets brimful of information free for the asking. Write. Oklahoma Land & Loan Co., Wagoner, Okla.

SELL YOUR PROPERTY FOR CASH IN less than 90 days; properties and business of all kinds sold quickly in all parts of the world, send description today, we can save you time and money. The Real Estate Salesman, K. Funke Bldg., Lincoln, Neb.

WANT TO SELL—284 ACRES, 160 FARM land. Balance meadow land and pasture with everlasting water. 4 1/2 mi. to town with two railroads. Common improvements. Price \$30, also 160 for \$25. Address owner, Wm. Reddick, Blue Mound, Kan.

FOR SALE, OR WOULD EXCHANGE for Kansas land, my well equipped blacksmith shop, with large implement room, and my seven room residence and eight lots in the best county in Kansas; population of town 1,000. Address Box 107 Kansas Farmer, H. W. Chestnut, Centralia, Kan.

NO. 80—30 ACRES OF CREEK BOT-tom, balance upland, 60 acres in cultivation, 3 acres meadow, balance in pasture, a new 3 room house, and small barn, good water, only six miles from the county seat and a bargain at \$3,600. J. S. Boyle, Bennington, Kan.

FOR SALE OR TRADE—MODERN brick and concrete 1 story store building, 40 foot front, 70 deep, double cellar, furnace heat. Suitable for dept. store. On Burlington R. R. in Richardson Co., Neb. Best location in town. Will trade for western land. F. L. Sandusky, Falls City, Neb.

WHO WANTS THIS INVESTMENT?—320 acres of nice rolling, not rough land, 9 miles from town. 285 in cultivation; 35 nice meadow, a small granary, only building. This is a good wheat farm and for an investment pays a good income. \$37.50 per acre. Write for list. V. E. Niquette, Salina, Kan.

160 ACRES, 7 ROOM HOUSE, GOOD barn, granary, 4,000 bushels; brick cave, all outbuildings; fenced; plenty good water; windmill; good orchard; 120 acres cultivation; 40 acres pasture, 10 acres alfalfa, 50 acres in wheat, go with place; 115 fine; extra good soil; no better farm in county; 2 1/2 miles Hunter; only \$10,000; send for free list farm and school leases. A. J. Haskins, Hunter, Okla.

Mitchell County Breeders' Association

C. B. KERN, President.

J. F. HOWARD, Secretary.

Nothing but first class animals offered for sale for breeding purposes.

SHORTHORN CATTLE.

SHORTHORN CATTLE—50 head reg-istered cattle. Herd headed by Royal Goods 293325, by Select Goods, by Choice Goods. Young bulls ready for service, for sale. MEALL BROS., Cawker City, Kan.

SCOTCH AND SCOTCH TOPPED Shorthorns. 40 head. Herd headed by Popular Knight, by Gallant Knight. Some choice bull calves of fancy breeding for sale. JOHN STROH, Cawker City, Kan.

ELMDALE STOCK FARM. Shorthorn cattle. Herd headed by Scotch bull, Highland Laddy 243179 by Brave Knight by Gallant Knight; dam Daisy Bell by Imp. Lord Haddo. Young stock for sale. For information address Frank P. Cooke, Beloit, Kan.

DUKE OF DUNDEE 285352, by Archer 205740, dam by Gallant Knight, is at the head of my herd, 6 cows by Robt Duke and some by Scotchman. Inspection invited. CHAS. S. McCLEARY, Beloit, Kan.

UPLAND HERD OF SHORTHORNS. Headed by the Scotch Duchess of Glaston bull Dreadnaught, 1 red bull 20 months old out of a Lord Mayor dam for sale. GEO. W. BEEMIS, Cawker City, Kan.

LOCUST GROVE SHORTHORNS. Herd headed by the pure Scotch bull Goster's Model 287840. Three Scotch topped yearling bulls for sale. Also a few cows with calves at side. ELMER C. CREITZ, Beloit, Kan.

A YOUNG HERD OF up-to-date breed-ing. Everything recorded. Our herd bull Alfonso by Magnet has produced us some great calves this season. BRINEY & BRINEY, Beloit, Kan.

BOOMDELL STOCK FARM. Shorthorn cattle. Poland China hogs. Silver Laced Wyandottes. E. E. BOOKER & SON, Beloit, Kan.

JENNINGS' SHORTHORNS—Some young bulls for sale by Senator by Hedgewood. Also a few got by Spartan Viscount. Prices right. 2 miles north of Simpson, Kan. S. G. JENNINGS, Simpson, Kan.

FOR SALE—A few young Shorthorn cows and some young bulls ready for service. Best of breeding. Write for information and prices. VINTON A. PLYMAT, Barnard, Kan.

HEREFORD CATTLE.

HEREFORD BULL CALVES for sale. Berkshire boars for sale. Spring farrow. Will trade 2 or 3 for gilts. Boars by Commander out of dam by Speculation; grand dam, Alice Majestic, champion sow at Kansas City Royal. W. B. & J. M. Rodgers, Beloit, Kan.

50 HEREFORD CATTLE comprising the H. B. Woodburg herd. Some famous cows in this herd. 8 young bulls of serviceable age for sale. 4 miles from Tipton, Kan. 8 from Cawker City. JOHN SCHMIDT & SONS, Tipton, Kan.

100 HEAD OF HEREFORDS. The home of Caster 259475, the winner in every big show he was ever in. A few choice young heifers and cows for sale. F. L. BROWN & CO., Sylvan Grove, Kan.

ANGUS CATTLE.

ABERDEEN-ANGUS CATTLE—A young but fashionably bred herd. Some fine spring calves to price later. ROY C. BIET, Beloit, Kan.

ANGUS CATTLE, the feed yard and show yard type. Young bulls for sale this winter. Inspection invited. HARRY BARNES, Beloit, Kan.

DOGS.

FOR PEDIGREED WOLF AND FOX hounds write John F. Boettcher, Holton, Kan.

FOX, DEER, COON HOUNDS, AS GOOD as live. Write your wants. J. R. Stephens, Calico Rock, Ark.

SCOTCH COLLIES—FINE BRED BITCH, imported stock; also female pups. Cheap to quick buyers. Emerson Abbott, St. Joseph, Mo.

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.

COLLIES OF ALL AGES FOR SALE—They are stock drivers, pets and home protectors, 260 head sold last year. Write for illustrated circular and prices. Would like to buy a few ferrets. Address Harvey's Dog Farm, Clay Center, Neb.

MISCELLANEOUS.

PURE HONEY, TWO CANS 120 POUNDS \$3.50; single can, \$4.50. F. O. B., care W. P. Morley, Los Animas, Colo.

20 CAR LOAD HEDGE POSTS FOR SALE All sizes and all prices. Correspondence solicited. W. E. Bitts, Melvern, Kan.

LETTER HEADS AND ENVELOPES—Descriptive of your business. Best prices. Send for samples. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

PATENTS.

PATENTS PRODUCED AND SOLD; BIG money in patents; book free. H. Sanders, 115 Dearborn St., Chicago, Ill.

SEND FOR FREE BOOKLETS—ALL about patents and their cost. Shepard & Campbell, 6906 McGill Bldg., Washington.

PERCHERON HORSES.

REGISTERED PERCHERONS—The home of Vidoque (Imp.) 40403, also the brood mare Rissette (Imp.) 51115. Inspection invited. Farm adjoins town. E. N. WOODBURY, Cawker City, Kan.

REGISTERED PERCHERON HORSES—In stud; Imported Rabelais 42523 by Cosaque by Theidus who sired Callipo and Casino. Visitors welcome. C. J. JOHNSON, Solomon Rapids, Kan.

THE HOME OF JACQUE W. 42659 by Tlatrey, dam Imported Rissette. Inspection of my Percherons invited. RALPH G. MCKINNIE, Glen Elder, Kan.

COLEDALE STOCK FARM—The home of three first prize winners at the International. Nothing but the best in this herd. Come and see us. FRANK A. COLE, Barnard, Kan.

GRANITE CREEK STOCK FARM. Percheron and Standard-bred horses. Make known your wants to M. A. SMITH, Supt., Cawker City, Kan.

COACH HORSES.

LAWDALE STOCK FARM—Olden-burg German Coach horses. International prize winning stock. A tried stallion for sale. Inspection invited. JOSEPH WEAR & SONS, Barnard, Kan.

POLAND CHINAS.

EUREKA HERD POLANDS—Duroc I breed both and have a nice lot of serviceable boars of both breeds for sale and a few choice gilts. Priced right. W. H. SALES, Simpson, Kan.

POLAND CHINA BRED SOWS. On Friday Jan. 21, we will sell 43 high class bred sows at the fair grounds Beloit, Kan. Write for a catalog. Address, LOGAN & GREGORY, Beloit, Kan.

DUROC JERSEYS.

GOLDEN RULE STOCK FARM—Gilt edged Duroc Jerseys, 40 spring pigs, both sexes for sale at private treaty. Farm adjoins town. LEON CARTER, Asherville, Kan.

DUROC BRED SOW SALE. 50 champion bred sows at auction Tuesday February 1, at my farm close to Beloit. Catalog ready. Address PEARL H. PAGETT, Beloit, Kan.

HAMPSHIRE.

HAMPSHIRE HOGS. 40 spring pigs, both sexes, for sale. Write for prices. A. B. DOYLE, Rural Route 1, Beloit, Kan.

O. I. C. SWINE. Tracing to the famous Korr and Big Mary families. No more males to offer. A few choice bred and open gilts for sale. T. C. WRENCH, Beloit, Kan.

AUCTIONEERS.

COL. H. H. VANAMBURG, General and Live Stock Auctioneer. Phone 484. BELOIT, KAN.

General and Live Stock Auctioneer. COL. F. L. SMITH, Phone 943. BELOIT, KAN.

Bloomington Horse Sales. On Feb. 1, 2, 3 and 4 there will be sold in the Coliseum at Bloomington, Ill., 488 head of horses. Of this number 460 head are registered draft animals of various breeds, chiefly Percherons. One hundred and fifty are imported Percheron and Belgian stallions and mares that will be banded just in time for the sale. This is believed to be the largest collection of draft horses that ever went into an auction ring. Stream & Wilson will consign 60 head of 1 and 2-year-old stallions and mares which were shipped from France on January 1. W. H. Ritter will leave France on January 6 with 50 head. D. Augustin, president of the Breeders' Sale Company consigns a large bunch of Percherons. Moots Bros. will sell a nice bunch of imported Percheron mares that are right in their prime. Robert Burgess and Finch Bros. will both have large consignments, many of which will be imported. There will be 106 consignors who will put in the tops of their herds. All of this means that Manager C. W. Hurt will have one of the biggest horse sales ever pulled off in the United States. It will be a regular show as well as a sale, and splendid place for the beginner to go and make his selection, as he will have 483 head to choose from instead of the 20 or 30 which ordinarily appear in sales. The sale will begin on Tuesday, Feb. 1, at 9 a. m., with an offering of 51 head of imported stallions and mares. The sale will continue all day and in the evening from 7:30 to 10:00 p. m. The great Coliseum in which the sale is held will accommodate 4,000 people, and is nicely heated and lighted. The management expects to sell about 125 head of horses a day except on Friday when about 100 head of good road horses will be offered. Write to C. W. Hurt, Arrow-smith, Ill., for one of these catalogs and be ready to attend a real horse sale once.

Read every word of our great Farm Library offer on page 5. It means dollars to you.

Development of Central Canada.
 When the man in the states was told a few years ago that he could secure as a free homestead, 160 acres of land that would produce from 20 to 40 bushels of wheat, or 60 to 80 bushels of oats per acre, he was skeptical; or that he could purchase lands at from \$8 to \$13 per acre, without residential duties he was doubtful. The homesteader has now land worth from fifteen to seventy dollars per acre, and the man who purchased has seen his land double in price in four years' time. Both have found that the story of remarkable yields has been verified. They have had crops exceeding those promised; they have seen oats that yielded 100 bushels to the acre, and their wheat was not a 58 pound to the bushel article, but 62 and 63 pounds. They have seen within the past year or two trunk lines of railway constructed through their district, and throwing out branch lines to the gates of their farms. They have seen schools established in their neighborhood and the government contributing largely to their expense. Churches have been erected, villages have been established, towns have sprung into existence and cities are rapidly springing up, as if the magic hand of some unseen conjurer was at work. But it was not; it was the legitimate offering of the wealth of the field which made all these things come about, naturally, and easy. The prairie that three years ago was merely prairie, a patch of brown, just waiting for the plowman, is today dotted with tilled farms and splendid homes. It would be well for the reader, if he is interested, to put himself in touch with some officials of the Canadian Government and get information that might be useful in making a selection for a home in central Canada. Mention the Kansas Farmer when you write.

THE STRAY LIST

Chautauqua County—Edgar Randall, Clerk. STEER—Taken up, November 23, 1909, by W. H. Walker, in Center tp., one red yearling steer, valued at \$20.

Barton County—C. F. Younkin, Clerk. STEER—Taken up, November 23, 1909, by Henry Duncack, in Clarence tp., one red steer, weight about 800 lbs., both hind feet white, tip of right ear cut off.

AUCTIONEERS

L. E. FIFE,
 LIVE STOCK AUCTIONEER.
 Newton, Kansas.

Breeder of Percherons, Shorthorns and Duroc Jersey hogs; posted in pedigrees; terms reasonable. Write or wire for date.

COL. JOHN D. SNYDER, Winfield, Kan.
 LIVE STOCK AUCTIONEER.
 Sales made everywhere. Write or wire me for dates. Prices reasonable.

W. C. Curphey,
 LIVE STOCK AUCTIONEER,
 Write, phone or wire for dates.
 Abilene, Kansas.

LAFB BURGER,
 Live Stock Auctioneer.
 Write or wire me for date.
 Wellington, Kansas.

Residence Phones Office Phones
 Mutual 114; City 523. Mutual 134; City 626.
W. WEIDMIER,
 Experienced Live Stock Auctioneer.
 Terms reasonable. Big tent free. Write or wire me for date. Cameron, Mo.

Jas. W. Sparks
 Live Stock Auctioneer - - Marshall, Mo.
 Twenty years selling all breeds.

COL. ESSIE CRAVEN, NORTH BRANCH KAN
 Live Stock and General Auctioneer. Ask about him.

LIVE AND LET LIVE
 is my motto. Reasonable charges and good service. Choice dates if you write early.

JAS. T. McCULLOCH
 CLAY CENTER, KANSAS.

R. L. HARRIMAN
 AUCTIONEER
 PEDIGREED LIVE STOCK
 Write me for dates.
 BUNCETON, MO.

J. H. MOORMAN,

Live Stock and General Farms sale auctioneer. Satisfaction guaranteed. Long distance phone connection.

SOLOMON, - - KANSAS

RED POLLED CATTLE

AULD RED POLLS.
 Herd established 7 years. Choice breeding and individuality. 3 young bulls for sale.

Frankfort, **AULD BROS.,** Kansas.

FOSTER'S RED POLLS.
 7 choice young bulls and a few good females for sale. My prices are right. Come and see my herd.
 C. E. FOSTER, Eldorado, Kan.

Percherons at Abilene, Kan.
 An event that should interest the best class of farmers and stockmen in Kansas and adjoining states will be the big combination Percheron horse sale to be held at the fair grounds at Abilene, Kan., Tuesday, Jan. 25. W. H. Rhodes of Manhattan, Kan., is managing this sale and has succeeded in getting a splendid lot of stallions and mares consigned. Of the 20 stallions that go into this sale at least half are imported horses. All of them are young. All of excellent color and many of them top horses. The 15 mares are the kind that farmers like to buy, they are large fine colored mares, all of them broke to work and in foal to great sires. The consignors to this sale are as follows: J. H. Peak, W. H. Rhodes and Kansas Agricultural College, all of Manhattan; W. H. Graner, Lancaster, Kan.; Dr. W. H. Richards, Emporia, Kan.; N. I. Hughes, Paulina, Iowa; W. W. Griffith, Lake City, Iowa; Charles E. Wotton, Lawrence, Kan.; Wayne Bearly, Paxico, Kan.; George Groenmiller & Son, Pomona, Kan.; John Richards, Olesburg, Kan.; and Estica Hudson, Hebron, Neb. Coming from so many different areas a much better offering may be expected than if one herd was drawn upon for the whole number. Every animal will be sold absolutely upon its merits and the breeding as a whole of this offering will be found to be as good as will be found in any sale of the season. This will certainly afford an excellent opportunity for Kansas farmers to buy close to home and thereby save freight. Write at once for catalog to W. H. Rhodes, Manhattan, Kan., and mention Kansas Farmer.

High Class Poland Chinas.
 We wish to call our readers' attention to the high class offering to be sold by H. B. Vanheuser, at Eldon, Mo., Jan. 21, 1910. The offering will include prize winners from away down the line. No. 1 is American Beauty, sired by Corrector 2nd, dam, Beauty Perfection. Beauty Perfection was one of the highest priced sows on the Goodrich stock farm. This sow is bred to Parnell & American Beauty and Parnell should produce a show litter and we predict a bargain to some good breeder. No. 2 is her litter sister and is bred for a March 1 litter to Decatur. Both these young sows are worthy of a good price, if breeding and individuality call for values. Look them up in catalog and place your bid on them. You can make no mistake on either of them. No. 3 is Kiever's Best by Darkness Perfection, first prize sow at Missouri State Fair 1907 in 2-year-old class. She is bred to Decatur for March pigs. Here is a good one, a tried brood sow, cost Goodrich \$395 as a gift. No. 4 is a daughter of Corrector 2nd and Cute Keep On, safe in pig to Farnell. She raised a fine fall litter by Decatur. Corrector 2nd Best is her name, a full sister to the high priced litter in the Goodrich sale. Then there is Araxes by Masticator, out of Kiever's Best, safe in pig to Class Leader, Van's show boar for 1910. Classmate by Decatur, dam, Cute Keep On, bred to Parnell Black Princess by Decatur, dam Princess Gaffey bred to Masticator 2nd, Gladys by Corrector, champion sow at Kentucky State Fair, bred to Decatur Corrector 2nd. Twelve gilts by Decatur and others by this popular boar of the day. Look up ad in this issue and send for a catalog and arrange to attend this sale. The offering is in first class condition and one that will be a credit to any herd. Kindly mention Kansas Farmer when writing for a catalog.

Editor Kansas Farmer—We bought a No. 5 Galloway Manure Spreader in April, 1909, and used it all spring with the greatest of satisfaction. I think it one of the best spreaders made and a great deal better than some costing much more. It is not only the simplest but the lightest make I have ever seen used. Two common sized horses can pull it in full gear with ease. I find it much lower on the truck than other makes, making it much easier to load. We gave it a thorough test in all kinds of manure and found it done the work just as easy in coarse, heavy and wet manure as it did in the finer manure. We also experimented some on parts of land we put into different crops, and found a marked difference where we mulched the ground and where we did not. I found Mr. Galloway straight and honest in all his agreements, and his easy terms makes it within reach of every farmer to own a manure spreader which they by all means should.—Bert Shaffer.

Deitrich & Spaulding and A. L. Albright Sale.

The offering of brood sows and gilts advertised in this issue to be sold by the well known firm of Deitrich & Spaulding and A. L. Albright at Ottawa, Kan., Jan. 22, 1910. This offering contains many of the best specimens of the breed and we believe the best lot of sows and gilts, counting breeding and individuality, that this well known firm has ever offered in their twenty-third year as Poland China breeders. The greater part of this offering is richly bred and contains much of the blood lines that is making the Poland China famous and selling for the better prices. There are sows in this sale sired by all the leading boars such as Parnell, Meddler 2nd, Regulator, Cock Robin, Grand Perfection, Peerless Perfection 2nd, Impudence Keep On, Voter, On the Flumb, Perfection E. L., Cute Special, Mischief Maker, Take Warning and Big Look. Big Look is strictly a large type hog. We believe there will not be one in the entire offering that will need an apology. We make special mention of a few of the real attractions. There are four Meddler 2nd gilts bred to Sportsman. This great herd boar Sportsman is sired by Old Corrector and we believe one of the best sows of old Corrector living today. He is an ideal type of a large, smooth Poland China and should cross well on any good sow. There is one Regulator gilt, two by Parnell and one Cock Robin bred to Sportsman; one Mischief Maker sow, the only one we know of being sold this year, bred to Parnell; one Voter, one Impudence, one Keep On, all bred to the great Sportsman. In this offering A. L. Albright will sell several sows and gilts bred to Stand By. This young boar is sired by Voter and out of Lucy Tecumseh sow and weighed 350 pounds at 13 months old. See advertisement on another page and send for a catalog. Kindly mention Kansas Farmer when writing.

Addy's Closing Out Duroc Sale.
 This week we start advertising for W. L. Addy & Sons of Parnell, Mo., relative to their closing out sale to be held at the farm close to Parnell, on Monday, Jan. 24. This will be one of the big sale events of the winter, and those interested in Durocs and

JERSEY CATTLE

Linscott Jersey Cattle
 Established 1878. Registered in A. J. C. C. Any animal for sale.
 R. J. LINSKOTT, HOLTON, KANSAS.

JERSEY BULL FOR SALE.
 Grandson of the \$7,500. Champion Flying Fox and out of Bridgetts Fride a 6 gallon cow. He is fine color and gentle. Keeping big lot of his heifers reason for selling. Reasonable price.
 H. F. ERDLEY,
 Hiawatha, Kansas.

GUERNSEY CATTLE

REGISTERED GUERNSEY CATTLE.
 Herd headed by Eminence of Berchwood, whose ancestors have butter fat records of 668 pounds to 714 pounds per year. Herd tuberculin tested. Write for prices.
 FREDERICK HOUGHTON,
 Galva, Kansas.

HOLSTEIN CATTLE

HOLSTEIN BULLS
 Sired by "King of the Pontiacs," "King Segis Pontiac," DeKol 2nd's Butter Boy 3rd and other noted sires. A car load of these fellows on hand, and they will be priced to sell.
 ROCK BROOK FARM,
 Henry C. Gillsman, Prop.,
 Sta. B. Omaha, Neb.

EAST SIDE DAIRY HOLSTEINS.
 Has just one bull of serviceable age left for the present: Butter Boy Shamrock, No. 59800, born Dec. 14, '09, sire Butter Boy Pieterje 3rd, whose ARO records of dam's exceeds 20 pounds in 7 days. Dam Primus Shamrock 3rd, 62972, a fine producer and a daughter of Inka De Kol's Count De Kol, good in dividual handsomely marked.
 F. J. SEARLE,
 Oskaloosa, Kan.

SHORTHORN CATTLE

FOR SALE.
 10 choice young bulls from 8 to 12 months old, part straight Scotch.
 Choice yearling and short two-year-old heifers.
 Good colors, bright red, priced right.
 C. W. TAYLOR, Pearl, Kan.
 Address Mail R. F. D. 2, Enterprise, Kan.

ALFALFA LEAF SHORTHORNS.
 Special offering of four bulls. One by Archer 205740 out of a Victoria cow. Three by Nonpareil Star, one a Victoria, one Imp. Edelweiss and one Christmas Gift. Also a few choice heifers of equal quality and breeding.
 JOHN REGIER, Whitewater, Kan.

RENO HERD SHORTHORN CATTLE

Bulls in service, Forest Knight 226084 and Victor Archer 264156. Breeding stock for sale.
 Stewart & Downe, Hutchinson, Kan.

Evergreen Home Farm.
 Milking Shorthorn Cattle, Bred Hornless, Berkshire Hogs, Oxford Down Sheep, Bourbon Red Turkeys.
 Lathrop, Missouri.

JEWEL SHORTHORNS

A young herd of up-to-date breeding. Also Percheron and Standard bred horses. In stud, the Percheron stallion Marquis De Wierre, (Imp.). Also the Standard bred stallion, Red Seth 31185. Farm adjoins town. Come and see us.
 Jewell, W. T. LOWE, Kansas.

GREENDALE STOCK FARM

25 YOUNG BULLS by Imp. Ardatham Mystery and Best of All for sale at bed rock prices. Can also offer some good Berkshire swine and Shropshire rams. Correspondence solicited.
 COL. ED. GREEN, Prop.,
 Florence, Kansas.

Prospect Farm Shorthorns

The oldest Shorthorn breeders in Kansas. The largest herd of Cruickshanks in Kansas. Herd headed by Violet Prince 145647 and Orange Commander 220580. Young stock of both sexes and some cows for sale. Quality and prices right.
 H. W. McAFEE,
 Bell Phone 59-2. Topeka, Kansas.

SPRING HILL SHORTHORNS
500 Head Scotch and Bates Pedigrees
C. G. COCHRAN & SONS,
 PLAINVILLE, KANSAS

SHORTHORN CATTLE

FOR SALE.
 12 bulls, 12 to 18 months; 20 cows and heifers for sale.
 SHAW BROS., Glade, Kan.

HUMBOLDT NATIONAL STOCK FARM

Shorthorn cattle, large type Poland China hogs, 10 spring boars priced right. Write me your wants. I meet parties at trains. We can do business. Come and see me.
 H. F. PELPHREY & SON,
 Humboldt, Kansas.

TENNEHOLM SHORTHORNS

SHROPSHIRE and LANGSHANS.
 Four good red bulls 8 to 12 months old. Sired by Good Scotch bulls and out of Wild Eyes and Kirikevington cows. Dams are good milkers. Females for sale also.
 E. S. MEYERS,
 Chanute, Kansas.

Center Grove Stock Farm

Scotch Shorthorn cattle and 20 bred sows and a few good spring boars of large type Poland China hogs. Write me what you want. No trouble to answer letter. Bell phone.
 J. W. Pelphrey & Son, R. 6, Chanute, Kan.

SCOTCH TOPPED BULLS.

We have for sale some choice last spring bull calves sired by our best bull Pleasant Hill Master, one of the herd sons of Master of the Grove. Will make reasonable prices on these.
 O. A. TILLER, Pawnee, Nebraska.

POLLED DURHAM CATTLE

POLLED DURHAMS.
 Young bulls. Cows and heifers bred to Boon Hero, the Double Standard Champion. Prices reasonable. Write for terms.
 C. J. WOODS,
 Chiles, Kansas.

BELVEDERE X2712--195068

son of the \$1,500 Grand Victor X1685 150864 heads my herd of Double Standard Polled Durhams. A few extra good blocky, thick-fleshed young bulls for sale. Inspection invited. Farm adjoins town.
 D. C. VAN NICE,
 Richland, Kansas.

HEREFORD CATTLE

Jacks and Hereford Cattle.
 Stocks for sale at all times. Write us what you want.
 YATES BROS., Fancett, Mo.

BEAU BRUMMEL

10th 167719
 Modern Herefords. Herd bulls, Beau Brummel 10th 167719, Beau Beauty 192235—and Protocol 2d 91715. Robert H. Hazlett, Hazford Place, Eldorado, Kansas.

GALLOWAY CATTLE

SMOKY HILL RANCH.
 Galloway herd, headed by Pat Ryan of Red Cloud 20038. Starlight 2nd of Tarbreoch 24478 and Valarius 29088. Bulls and heifers for sale from my herd of 130 registered Galloways.
 E. J. GUILBERT,
 Gill, Kansas.

Twelve Galloway Bull Calves

9 to 12 months old, all extra good ones, good bone and coat of hair, most of them sired by "Imported Randolph" will sell very cheap if taken within 30 days owing to lack of feed.
 S. M. CROFT & SONS,
 Bluff City, Kansas.

ANGUS CATTLE

ANGUS BULLS.
 Sons of Champion Ito (our show bull) a son of Imp. Prince Ito—cost \$9,100—and out of the \$3,500 champion cow, Queen Mother, 7th of Drumfergus, and RUTGER MIKADO \$2895, whose get took first prize at the Kansas State Fair last year, and from the best families of the breed. Also a number of females open or bred and some with calves at foot.
 A few high class Canadian bred ewes with lambs at foot, sired by our imported English show ram. The best you can buy anywhere. Write us your wants or come and see us.
 SUTTON FARM, Lawrence, Kan.

VIEW POINT ANGUS HERD.

15 choice cows in age from 3 to 7 years. Representatives of the Heroine, Miss, Duchess and Dimple families. All of them raised calves the past season and are bred for March calves to the great Louis of Meadow Brook. Sire of champions. Nearly all of these cows were raised on our farms and are only being sold to reduce the size of herd. Low prices. Mention this paper when writing.
 PAUL M. CULVER,
 Edgerton, Missouri.

HAMPSHIRE SWINE



Oldest herd in the West. 80 boars of serviceable age. Also bred sows and gilts.

W. F. DAVIS, So. St. Joseph, Mo.

OHIO IMPROVED CHESTERS

75 O. I. C. PIGS.

Herd headed by Jackson Chief 2d. No. 12285, and Kerr Garnett 2d. No. 25438. Boars and gilts not skin for sale. Write or come and see them.

W. H. LYNCH, Reading, Kansas.

BERKSHIRES

BRAEBURN BERKSHIRES.

Pigs, numerous in quality and breeding. H. B. Cowles, Topeka, Kan.

RIDGEVIEW BERKSHIRES.

2 herd boars for sale. 1 two-year-old by Forest King, other males of different ages. Sows and gilts open.

MANWARING BROS., Lawrence, Kansas.

BERKSHIRE BOARS AND GILTS for sale. Long bodies, smooth spring pigs. The best breeding and excellent individuals. No culls shipped. Visitors welcome.

J. M. NELSON, Marysville, Kansas.

BERKSHIRES—OVER 250 HEAD

To select from. Choice boars and females of various ages. Baron Duke 7500 and Masterpiece 77000. Spring pigs for sale. We guarantee satisfaction.

Write LEON A. WAITE, Winfield, Kan.

MR. FARMER

You need a Berkshire boar—buy a good one. We are offering 50 big boned, growthy fellows, ready for business, weighing 125 to 250.

Every one a good one. No culls. Order today and get first choice at special prices, \$20, \$25 and \$30. Satisfaction guaranteed.

SUTTON FARM, Lawrence, Kansas.

NEW YORK VALLEY HERDS BERKSHIRES AND SHORTHORNS.

25 years' experience with these breeds. Sows bred to and sired by Field Marshal 108200 and Lee's Masterpiece 99715. Young stock for sale. 50 spring and summer boars and gilts at \$25 each, two extra fancy herd leaders at \$50 each. Bred sows and gilts from \$35 to \$100 each. Write your wants. Visitors always welcome.

J. T. BAYER & SONS, Yates Center, Kansas.

POLAND CHINAS

BRED SOWS AND GILTS FOR SALE

A few choice sows and gilts for sale, bred for early spring litters. Write me your wants. I can please you.

A. W. Sbriver, Cleveland, Kansas.

BIG POLAND CHINAS.

Headed by my big smooth boar Prince 45835. Our sows are strictly on the big order. 75 big strong early pigs ready to ship. Both sexes. Description guaranteed.

J. E. BOWSER, Abilene, Kansas.

SNYDER BROS.' HIGH CLASS POLAND CHINAS.

Either sex, bred sows and bred gilts priced right for quick sale. Write your wants.

SNYDER BROS., Winfield, Kansas.

SPANGLER'S BIG POLANDS.

For sale now, 25 big smooth spring boars and 25 gilts, mostly by Spangler's Hanley. Some top stuff among these, but all priced to sell.

J. D. SPANGLER, Sharon, Kan.

POLAND CHINAS.

20 early spring Poland China gilts, tracing to the large type Expansion—will sell them bred or open. A few choice spring boars prices reasonable; satisfaction guaranteed.

OLIVER & SONS, Danville, Kan.

SPRING BOARS AT BARGAIN PRICES.

Out of sows by S. P.'s Perfection, Chief Perf. 2nd, Spellbinder and others. These young boars are fine individuals and by Sportsman and Corrector and out of a Med dler dam. Write me your wants.

JOHN B. BREEZE, Bayneville, Kan.

MELBOURNE HERD POLAND CHINAS

I have a few choice spring boars and gilts sired by Gold Metal, Hadley Boy and Klever Boy for sale at moderate prices. Let me know your wants.

JOHN O. BERGERMAN, Burchard, Neb.

HIGHVIEW BREEDING FARM.

The only registered herd of big boned spotted Poland on earth. Write for catalog of my big bred sow sale Feb. 10.

H. L. FAULKNER, Box K, Jamesport, Mo.

GRAND PERFECTION NO. 77999.

Spring pigs by this bear and out of richly bred dams for sale, either sex, at \$20 each to move them quick. Write at once.

JEWELL BROS., Humboldt, Kan.

10 SPRING POLAND BOARS 10

Big, husky fellows, sired by Orphan Chief Jr. and Huth Jr., out of strictly big type sows; low prices.

J. F. MENEHAN, Burchard, Nebraska.

those of the breeders that have kept posted in Luroc lore know that this will be a mighty good place to go for something good. The Addys established this herd more than 20 years ago and it is doubtful of there is another herd in the state or adjoining states that is better or more favorably known. Every noted boar that has lived and made a show record for the past dozen years or so will be represented in this sale. Close on in the pedigrees of the great sows to be sold are the names of the great bears Proud Advance, Ohio Chief Reeds Banker, Old Orion, Crimson Wonder, Valley of Coals, H. Hardings Proud Advance, Valley Chief, Mo. Wonder, Model Chief, Model Chief Again, Sensation, Kant Be Beat and the great and only W. L. A.'s Choice Goods, the boar that has helped to make this herd famous. W. L. A.'s Choice Goods is a son of Lafollette by Belle's Chief the noted World's Fair winner, ne by Red Chief Again by Protection. His dam was S. E. Model 9th by Ohio Chief by Protection giving him two crosses of the noted Protection. The dam of S. E. Model 9th was sired by Ed's Col. he by the great Waits Col. There is no better breeding and it is doubtful if any boar of the breed ever came nearer making good as a sire of sturr good in every way. This great boar will be sold in the sale. He will make the breeder famous that buys him. There will be about 40 tried sows and fall gilts and 20 spring gilts in the sale. Write at once for catalog mentioning Kansas Farmer. Bids may be sent to Jesse or J. W. Johnson in care of Addy's at Parnell, Mo.

Dawson's Sale Date Changed.

H. C. Dawson Sons, Endicott, Neb., will hold a great sale of Expansion bred Poland Chinas at the Topeka State Fair grounds on Jan. 22, instead of Jan. 13 as first announced.

O. P. Hendershot's Eleventh Annual Sale a Success.

There was a good turnout in spite of the cold weather, however the sale pavilion was quite cool and bidding not at all brisk at any point. The sale closed at dark with 25 head unsold, most of which were mares. Many bargains went to the buyers as was evidenced by several animals changing hands from \$50 to \$100 margin over the sale price. The prices received would indicate strong, they were not considering the extra good quality of the entire offering. Perhaps a trifle thin for best results at sale, but just right for the buyers for breeding. They were just as represented by Mr. Hendershot in his catalog, and the bidders seemed to appreciate not being deceived. Nebraska got practically the entire offering. On account of cold weather, buyers from a distance would not venture away from home. All in all the sale was satisfactory to both buyer and seller. With one exception, every horse sold was settled for in cash.

List of all Percheron stallions, mares and colts sold at the O. P. Hendershot Lincoln sale, December 30, 1909:

- STALLIONS.
- Lot 1. W. B. Springer, Aurora, Neb., \$1,200.
- Lot 2. W. R. Heinrichs, Glenville, Neb., \$1,200.
- Lot 4. W. A. Brooks, Cozad, Neb., \$1,100.
- Lot 5. George McDonald, Lushton, Neb., \$1,010.
- Lot 65. M. F. Wilson & Son, Lexington, Neb., \$910.
- Lot 63. Geo. Smith, Merna, Neb., \$855.
- Lot 3. Jos. Kellenbarger, Anselma, Neb., \$845.
- Lot 18. Barney Aufenkamp, Julian, Neb., \$850.
- Lot 24. A. E. Jenks, Ashland, Neb., \$760.
- Lot 25. E. W. Carr, St. Lawrence, S. D., \$725.
- Lot 20. Geo. Smith, Merna, Neb., \$515.
- Lot 22. Dr. H. B. Cummins & Son, Howard, Neb., \$400.
- Lot 21. E. Skinner, Broken Bow, Neb., \$300.
- Lot 23. H. Jochim, Weeping Water, Neb., \$285.
- Lot 17. C. N. Cottrell, Imperial, Neb., \$295.

MARES.

- Lot 7. W. A. Forgy, Eban, Kan., \$750.
- Lot 6. Robert Leach, Auburn, Neb., \$625.
- Lot 49. C. Hayhurst, Shelby, Neb., \$600.
- Lot 35. \$535; lot 32, \$435; lot 58, \$435; II. K. Frantz, University Place, Neb.
- Lot 64. E. R. Mathews, Lincoln, Neb., \$475.
- Lot 4. Morris Nelson, Newman Grove, Neb., \$370.
- Lot 42. \$490; lot 32, \$490; J. E. Waller, Cowles, Neb.
- Lot 56, pair, \$180 each, F. G. Hayhurst, Rising City, Neb.
- Lot 41. M. Nelson, Newman Grove, Neb., \$190.
- Lot 38, \$600; lot 40, \$600, R. F. Hellker, Allen, Neb.
- Lot 39. \$575; lot 34, \$575, Arthur Runnacles, Milford, Neb.
- Lot 52. Rudolph Egger, Roca, Neb., \$345.
- Lot 45. Geo. Schwab, Clay Center, Neb., \$430.
- Lot 59. E. R. Mathews, Lincoln, Neb., \$415.
- Lot 5. Lewis Sanley, Ulysses, Neb., \$485.
- Lot 54, \$650; lot 70, \$650, H. J. Frantz, Geneva, Neb.
- Lot 71. R. Pruett, Alexandria, Neb., \$500.

WEANLINGS.

- Lot 29. G. A. Leavitt, Crete, Neb., \$400.
- Lot 27. Clyde Hayherst, Shelby, Neb., \$325.
- Lot 70. Henry Stevens, Templeton, Iowa, \$250.
- Lot 44. E. F. Eberly, Hampton, Neb., \$295.
- Lot 15. \$300; lot 16, \$300, J. M. Myers, Hebron, Neb.
- 16 stallions (5 yearlings).....\$11,250.00
- 24 mares.....12,990.00
- 6 weanlings.....1,870.00
- 46 head.....\$26,110.00
- 16 stallions average.....\$740.00
- 24 mares average.....\$541.25
- 6 weanlings average.....\$322.00

BARGAINS

21 head of fall pigs, sired by Prince Hadley. W. P. Singer, Hiawatha, Kan.

CHAPIN & NORDSTROM

We have for sale 6 of the best boars we ever raised. Sired by noted Col. boars and out of great sows. Prices from \$25 to \$100. Among them are show prospects for next season.

CHAPIN & NORDSTROM, Green, Kansas.

POLAND CHINAS

BIG TYPE POLAND CHINAS.

For quick sale few Aug. and Sept. boars, out of grandson of Expansion and Victor X. L., winner of World's Fair, 3 of the boars out of Lady Youtell 4th, the dam of Prince Youtell. Cheap if sold soon.

J. H. HARTER, Westmoreland, Kan.

STRYKER BROS. HERD POLAND CHINAS

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

POLAND CHINA BOARS AND GILTS.

Early boars all sold, few younger ones at reasonable prices. Also spring gilts, will sell them and ship after they are bred and safe to my young Expansion boar.

S. B. AMCOATS, Clay Center, Kansas.

POLAND CHINAS

BOLLIN'S POLAND CHINAS.

We have for sale some very good spring boars. Write and get our prices on an extra high bred gilt or bred sow. These are representatives of the very best blood strains of the Poland China breed. We give customers satisfaction. Write today for particulars. John Bollin, Leavenworth, Kan., R. D. 3.

POLAND CHINA SALE, JAN. 24, 1916.

23 bred sows, 10 gilts, 10 boars, 17 summer and fall pigs. Send for catalog and come to my sale.

CHAS. H. McALLISTER, Carmen, Oklahoma.

EXPANSION POLAND CHINAS.

A choice lot of Expansion bred fall pigs, both sexes. September farrow for sale. Nice, thrifty pigs and will be sold worth the money. Mostly Expansion blood though I have other good ones for those who want them. Get your orders in early.

W. E. WILLEY, Steele City, Neb.

SOUTH MOUND STOCK FARM LARGE TYPE POLAND CHINAS

Herd headed by Orphan Chief (50986), John Ling (49897), and Logan Ex. (81715) and contains 30 great strictly large type sows the equal to which is hard to find in one herd; the produce of which I will guarantee to be much larger and with as much quality as any medium type herd. Choice spring pigs and they are very choice, weighing as high as 271 pounds, 90 head of summer and fall pigs ready to ship. Let me know your wants and mention Kansas Farmer.

ROY JOHNSTON, South Mound, Kan.

DUROC JERSEYS

DUROC JERSEYS

ELK CREEK STOCK FARM DUROC JERSEYS

Two valuable mature herd boars for sale. 100 spring pigs to select from. Best of breeding and individuality. Always something for sale. Come and see my herd or write me.

J. E. JOINES, Clyde, Kansas

25 KING OF COL. 2nd, BOARS 25

Big strong fellows carrying the blood that has made the breed famous. I need room and am making astonishing low prices. Write to once.

FRANK ELDER, (Successor to Grant Chapin) Green, Kansas.

GILTS RESERVED FOR MY FEBRUARY 2 BRED SOW SALE. Big growthy spring boars for sale at bargain prices. Bred right and fed right. priced right.

E. M. MYERS, Burr Oak, Kansas.

R. & S. FARM. In their Bred Sow Sale, Feb. 3, 1916, at Smith Center, Kan., will offer about 40 select Golden Ruler Gilts bred to King of Kant Be Beat 88333, and R. & S. Prince of Col's 88797. Also a few tried cows bred to Golden Ruler 80555. King of Kant Be Beat is 2 years old and weighs 800 lbs. Has a 10-inch bone and stands perfect on his feet. Breeders should sit up and take notice of such an offering.

RINEHART & SLAGLE, Smith Center, Kansas.

DUROC JERSEY BOARS AND GILTS.

The tops of my spring crop. Sired by the Champion Chief Tattarrax and G. M.'s Carl Col. Dams of the richest breeding. Reasonable prices.

GEO. M. HAMMOND, Manhattan, Kansas.

SELECT BOARS

at a bargain, by champions at two state fairs, B. F.'s Ohio Chief and Top Commodore, and by dams of equal breeding.

S. W. ALFRED, Sharon, Kansas.

Hanley Strain of Durocs

Write for prices.

PAUL B. JOHNSON, Leavenworth, Kan.

HOWE'S DUROCS.

Special prices on boars and gilts sired by Rex K., champion at Wichita fair this year. Also a few by Perfect Improver, grand champion at Wichita 1907 and 1908. Only a few left, get busy and send in your order.

J. U. HOWE, Wichita, Kansas.

CEDAR LAWN HERD.

Nice lot of spring boars, sired by Long Wonder, Belle's Chief, Rose Bell and Top Model, a choice lot of fall gilts open or bred, priced right to sell quick. Write me at once.

F. M. BUCHHEIM, R. D. 3, Leecompton, Kan.

COPPINS CREST HERD DUROC JERSEYS.

For sale, a few choice spring boars and one yearling. These are sired by Royal Improver, Perfect Improver, Chief Tattarrax and King Ingomar. Priced right and all first class herd headers.

H. A. J. COPPINS, Potwin, Kan.

For sale, few fancy spring boars and gilts, 10 fall yearling sows, bred or open, priced right. Gilts are out of Old Variety Maid, she by old Tip Top Notcher. Write your wants. A few bronze turkeys for sale.

J. M. YOUNG, Fall River, Kan.

BRED SOWS AND GILTS FOR SALE.

By Bonney K 47075 or others bred to him. Also both sows and gilts bred to Kant Be Beat 2nd. I will sell choice bred sows with Pearl H. Pagett at Beloit, Kan., Feb. 1.

R. G. SOLLENBURGER, Woodston, Kansas.

GREENWOOD HERD DUROC JERSEYS.

Herd boar Dandy Duke 64683, few choice spring boars for sale and few extra good spring and fall gilts, few tried sows bred for spring litters. Write or come and see me.

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

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, Hutchinsan, Kan.

"DUROCS GROWN IN THE OZARKS."

Ohio Chief and Col. Blood. Litters by Muncie Chief, Model Prince, King of Models, Inventor, The King I Am Advance; several by Col. Carter my leading bred boar. They are grown right, are good, and we answer all letters of inquiry. C. I. CARTER, Cabool, Mo.

Fitch's Kant-Chief Improver

A nice line of March and April boars to price worth the money after August 1. Write any time for prices and information.

W. T. FITCH, Minneapolis, Kansas.

SPRING BANK HERD DUROCS.

Herd headed by W. H.'s Colonel, the first prize junior yearling boar at Hutchinson fair 1909, and Chief's Orion, the third prize aged boar, at Kansas State Fair 1909. A few choice spring boars and sows bred to either of above named boars for sale. W. H. WILLIAMSON, Raymond, Kan.

FOR SALE—WORTH THE CANDY.

Sows and gilts by Tip Top Notcher, Hanley Buddy K 4. Ambition bred to 1st prize boar at St. Joe, 15 good boars, sows and gilts all ages, bred or open. Hogs for the breeder or farmer. Write

J. E. WELLER, Faucett, Mo. (15 miles from St. Joe.)

WEST RIVERSIDE STOCK FARM—

Durocs as good as the breed affords. Ohio Chief, Tip Top Notcher, Buddy K. IV, King of Coals, Gold Cloud. Blood lines with the individuality to back up this breeding. Write me for prices and let me know your wants. Mention Kansas Farmer. H. E. FISHER, Danville, Harper Co., Kan.

Our Greatest Sale of Merchandise!

Of all our Wonderful Sales of the past none approaches the one we are advertising today. We propose to give the great buying public the benefit of our wonderful operations. No other concern on earth can meet the prices we place on our goods. We are offering the most staple merchandise at prices which in most instances do not represent the original cost of manufacture. If you will take advantage of the offer you are certainly overlooking an opportunity which may never again occur.

CHICAGO HOUSE WRECKING CO.

Every article in this advertisement is guaranteed absolutely as represented. It is the chance of a lifetime to purchase staple merchandise and supplies at 30 to 60% saving. This is no idle boast as thousands of satisfied customers everywhere will prove; our advertising is true and every sense of the word. We advertise facts only. Our reputation is sufficient to back up every proposition that we place before you. We advise that you take action at once. Our business is one which changes constantly. We have merchandise today which tomorrow may be gone.

Sheriffs' Sales!—Receivers' Sales!—Manufacturers' Sales!

HOW WE OPERATE

We are constantly buying complete stock of brand new, high-grade merchandise at SHERIFFS'—RECEIVERS' and MANUFACTURERS' SALES. We invade every field of commerce. Our stock includes practically everything under the sun—whether it be for the HOME—FIELD—FARM—OFFICE—FACTORY—we have it in our mammoth stock and always at a SAVING IN PRICE.

OUR GRAND FALL OFFER

We have just completed our NEW, GENERAL CATALOG, containing in detail our wonderful FALL OFFER. This advertisement, however, embraces a general outline of the contents of this WONDERFUL PUBLICATION. During this Fall we have REDUCED, lower than ever before, the wonderful bargain prices at which our merchandise has been sold.

BARGAINS in EVERY LINE

FURNITURE—RUGS—CARPETS—OFFICE FIXTURES—LUMBER—SASH DOORS—BUILDING MATERIAL—ROOFING—FENCING—HARDWARE—BELTING—SHAFTING—MACHINERY—STRUCTURAL IRON—PAINT—PLUMBING—HEATING MATERIAL—PIPE—VALVES—FITTINGS—ELECTRICAL APPARATUS—all these are included in our MAMMOTH GENERAL STOCK.

Our WONDERFUL CATALOG

We have published a BRAND NEW CATALOG, different than any other previously issued by us. It is twice as big; it gives the history of our business and tells all about our WONDERFUL OPERATIONS; contains over 50,000 BARGAIN OFFERS in every line. Gives illustrations true to the articles described. It contains 16 pages in natural color reproductions showing all articles true to life in every detail. It describes more fully, the various articles offered in this advertisement. It is a book such as every BARGAIN SEEKING MAN OR WOMAN must have in his or her possession. If you fail to secure a copy you will make a mistake. It is FREE if you'll follow directions in this advertisement.

Lumber

Send us your lumber bill for our estimate. We will quote you brand new, high-grade, clean stock and make you prices lower than anyone else can afford to sell it for. We own outright over 50,000,000 feet of brand new lumber. There isn't a piece of second-hand lumber in our stock. All of our mill work is also brand new. If you will tell us just what you need, listing up each item correctly, we will quote you on the entire lot of material you need to construct your building of any kind. Our prices are always the lowest. We are selling more lumber and building material direct to users than any other concern in the world. Write us for our low estimates.

Furniture

Over \$300,000.00 of high-grade, brand new furniture, carpets, rugs and linoleum; everything needed to furnish your home complete. No shoddy furniture in our stock. It is the best that can be manufactured. It is built for the taste of people who know real quality. Our goods are bought at Sheriffs', Receivers' and Manufacturers' Sales. That gives us a big advantage over any possible competition and the public gets the benefit of our buying operations. Write for prices on any article you may require. Our general catalog shows all our wonderful furniture stock. When in Chicago visit our monster furniture sales rooms, the largest in America.

OUR BINDING GUARANTEE

We GUARANTEE that every article you purchase from us will be EXACTLY AS REPRESENTED in every way. If you secure any merchandise from us not exactly as represented, we'll TAKE IT BACK at our FREIGHT EXPENSE and REFUND YOUR MONEY in full. We will in every instance "MAKE GOOD." We know full well the value of a SATISFIED CUSTOMER, and we will try our utmost to PLEASE YOU. We number over 100,000 customers who are regularly sending us their orders for general supplies, and we earnestly solicit just an opportunity to prove the virtue of our business for your INDIVIDUAL PURPOSE.

How to Answer This Advertisement

The best way to answer this advertisement is to FILL OUT THE COUPON in the lower left-hand corner. Tear the page out and place a cross mark on our articles as interest you most. We will then MAIL YOU OUR LITERATURE pertaining to the articles in question, as well as send you a copy of our MAMMOTH CATALOG; in addition we will describe more fully such articles as most interest you. If, however, you do not wish to mutilate this page, write us on a POST CARD telling us WHERE YOU HAVE SEEN THIS ADVERTISEMENT and just what articles interests you most. If your wants be in a general way only, then merely fill out the coupon in the lower left-hand corner and we will MAIL YOU OUR GENERAL CATALOG.

Steel Roofing

New Steel Roofing, which we are selling at the following prices: Flat \$1.60, Corrugated, Crimped or Standing Seam \$1.80. We will sell you at prices we prepare the freight to all points east of Colorado except Oklahoma and Texas; quotations on these points on application. Our high grade Galvanized Rust Proof Roofing at prices ranging from \$3.00 per square up. Write today for Free Sample.

Rubberized Galvo Roofing

\$1.00 per square for our Genuine Rubberized Galvo Roofing—the best ready-to-lay roofing on the market. Price includes nails, caps and cement sufficient to make the laps and we'll pay the freight at \$1.00 per 100 sq. ft. to all points within 100 miles of Chicago. 3 ply at \$1.25; 2 ply at \$1.75. Other grades also. Write for free samples and descriptive literature.

RUGS—9x12 Foot
SMYRNA
 RUGS—\$6.50—extensive variety of beautiful patterns, oriental or floral designs, rich color combinations. These Rugs are reversible and may be used on either side, thus giving you the service of two floor coverings for the price of one. These Rugs are absolutely brand new and perfect. We also have a large stock of Royal Wilton Axminsters and other high-grade Rugs.

Gasoline Engines—3 horse-power, strictly high-grade brand new Gasoline Engine at \$49.75, fully guaranteed, complete in every respect. Price includes generator, battery, lubricator, and in fact complete outfit ready to operate. We will sell you at prices we prepare the freight to all points east of Colorado except Oklahoma and Texas; quotations on these points on application. Our high grade Galvanized Rust Proof Roofing at prices ranging from \$3.00 per square up. Write today for Free Sample.

Water Pressure System
 Modern Air Pressure Water Works Supply Systems at prices ranging from \$48 to \$200. They are strictly new, first-class and complete in every detail. Our book of Plumbing and Heating, which we mail free of charge, tells all about them. You can enjoy city comfort.

Brick Siding \$1.95 buys 100 square feet of our Pressed Steel Imitation Brick Siding, a fireproof covering for building of every kind. It is easy to put on, requires no previous experience. Looks just like the real bricks after you put it on your building. Sheets are 24 inches wide by 68 inches long. We will prepay the freight if you live East of Colorado, except in the States of Texas and Oklahoma. This freight prepaid proposition refers only to this brick siding. Ask for free sample.

Plumbing Material—90c buys our special fat rim cast iron, white enamel Kitchen Sinks—new but slightly defective. Price includes strainer and coupling. \$6 buys an enamel Bath Tub, \$10 is our price for a cast iron, roll rim, white enamel Bath Tub. \$9.50 for our white enamel low down tank Water Closet, complete outfit. You can buy Wash Stands from us at \$2.50. Other articles at correspondingly low prices. We can furnish everything needed in Plumbing Material. Special Instruction Book mailed free. Mention advt.

Shingles—50 carloads of Washington Red Cedar Shingles at exceptionally low prices. Our shingle mill connections on the Pacific Coast enables us to supply you the very best grades of shingles that you can positively rely on. We carry a tremendous stock of all grades in Chicago and can make immediate shipments in all sizes. Complete stock of Steam Engines, Boilers, Machinery. Write for Special List.

Genuine Leather Couch—\$9.75. Quarter sawed oak frame, diamond tufted top. Has a guaranteed oil tempered spring construction, warranted to give perfect satisfaction. It is 76 in. long and 37 in. wide. It is upholstered with a good quality of genuine leather. It is the best "buy" in a leather couch on the market at the price. Write for our catalog.

Pipe & Fittings—A complete stock of Galvanized Iron Pipe at prices lower than you can purchase elsewhere. We offer a good grade of Black Pipe, threaded and complete with couplings, at the following prices per foot: 1-in., \$1/2¢; 1 1/2-in., 3/4¢; 2-in., 5/4¢; 3-in., 7/4¢. New Galvanized Pipe at a considerable saving. Lap welded light weight casing with couplings complete, 4-in., per ft., 8¢; 4 1/2-in., per ft., 14¢. Other sizes at similarly low prices. Complete stock of Valves and Fittings for every purpose. Send us a memorandum of your wants.

Beaded Ceiling—Steel Beaded Ceiling \$1.25 for 100 square feet of our new Metal Beaded Ceiling. It can also be used for siding. The sheets are 8 and 8 in. long by 34 in. in width. The beads are small corrugations 1/4 inches in size, running the full length of the sheet. A fine ceiling for any general purpose. Easy to lay, requires no experience. We will prepay freight on this Beaded Ceiling at all points East of Colorado except to Okla. and Texas—prices to these points on application.

Heating Apparatus—We furnish complete Hot Air—Hot Water and Steam Heating Plants of every kind. It makes no difference whether it is an absolutely brand new or perfect, no cracked or soiled pieces in the entire lot. We have hundreds of other beautiful patterns in rich colors, consisting of beautiful tile and floral designs. See the various patterns illustrated in colors in our large free catalog.

Blacksmith Supplies
 Horseshoes.....\$3.25 per keg
 Horseshoe Nails......07 per lb.
 Hammers......45 up
 Forges, from......06 p. lb. up
 Anvils, from......06 p. lb. up
 Everything you need in Blacksmith Tools. Our General Catalog fully describes our present stock. No matter what your needs write us; we are receiving new merchandise daily. Tell us what you need.

Hardware—Lanterns at...\$0.25
 Axes at......50
 Hatchets at...\$0.20
 Locks up from .10
 These are samples from our General Catalog. Wonderful Price Making. You will find that there isn't an article in the Hardware Line but what we can furnish it to you at Extremely Low Prices. Our entire stock of this material is new, nice, clean goods—just as good as you can purchase anywhere and Prices Are Right. You had better get our Quotations before you buy from anyone else.

Cement Making Machinery—We can furnish machinery and tools for manufacturing cement blocks or put up cement buildings of every kind. There isn't anyone that you can go to who has a more complete stock of such apparatus than we have, and the prices will mean a decided saving in every way. Even if you have no immediate intention of using the machinery you better write us.

Linoleum—\$10 per sq. yd. Exactly like illustration. Wearing quality guaranteed. Absolutely brand new and perfect, no cracked or soiled pieces in the entire lot. We have hundreds of other beautiful patterns in rich colors, consisting of beautiful tile and floral designs. See the various patterns illustrated in colors in our large free catalog.

Paint—\$7c buys our high-grade "Allen" Roofing or Black. \$5 per gal. is our price for our PREMIER 10-year guaranteed ready mixed paints when ordered in full barrel lots, in gallon quantities our price is 95c. We can furnish paints, varnishes, oils, stains, brushes, and in fact everything pertaining to the line. On application we will mail you our color card with full information. We save you money.

Strong Hog Troughs \$1.50
 Galvanized Hog Troughs \$1.50; extra strong, made of heavy 1/2 inch boiler steel; the best shaped tank manufactured; absolutely indestructible—clean and sanitary. All metal well riveted. Stand strong and firm on the ground. Easily worth \$2.50 to \$4.00. Size 6 inches deep, 12 inches wide and 5 feet long. Other sizes at proportionate prices. A complete stock of tanks and troughs of all kinds.

Tanks—32-Gallon Round Galvanized Steel Tank for \$3.00; made of 30-gauge galvanized steel; the tops bound with angle steel and the bottoms secured between two pieces of flat steel and bolted extra strong. Tanks ranging up to 25 barrels capacity are made in this shape. Prices from \$9.00 to \$20.00. All kinds of Dipping Tanks, Gas Tanks, Oil Tanks, and tanks for all purposes. Get prices on Galvanized Steel Wagon Tanks, Patent Tank Heaters and Galvan. Cookers.

Plaster Board \$2.50
 \$2.50 for 100 square feet of our Famous Quick Plaster Board—better than lath and plaster. Easy to put on, requires no previous experience. The best substitute for lath and plaster ever invented. It is a deodorizer of heat and cold and non-crackable. Write for free sample.

Culverts—Steel and Iron Culverts, in all sizes ranging from 6 in. to 72 in. diameter. We can supply you every want. We have several carloads of riveted, high-grade, extra thick, heavy Culverts ready for immediate use at the following prices:
 12 inch.....Per ft., \$0.50 18 inch.....Per ft., \$0.90
 14 inch.....Per ft., .60 24 inch.....Per ft., 1.20
 Other sizes at proportionately low prices.
 Write us what your needs may be. We can also furnish Cast Iron and Galvanized Corrugated Culverts. A splendid chance to secure your needs if you write us at once. We give immediate delivery.

Nails—We purchased a cargo of nails in a recent steam-boat disaster. These nails are mixed and are more or less rusted, but are straight and good for all general purposes. Makes a fine, handy assortment for all around use. Sizes ranging from about 3d. to 30d. Our price per keg of 100 lbs., \$1.50. Also several thousand kegs nails one size to keg, size from 3d. to 30d., price per keg, \$1.75. Nails straight, first class and one size only to a keg, guaranteed condition, per keg, \$3.20. Wire Staples and everything in the nail line is offered at a material saving if you buy at once.

OUT-OUT THIS COUPON!
 Chicago House Wrecking Co., Chicago
 I saw your full page advertisement in Kansas Farmer. Send me free of all cost your Large, General Catalog. I am interested especially in
 61
 Name.....
 Town and County.....
 R. F. D.—P. O. Box.....State.....

Barbed Wire \$1.75 Per Reel
 We furnish special high-grade galvanized, brand new Barbed Wire. The price is per reel, and each reel contains 80 rods. This material is acknowledged the best wire manufactured. It is made of No. 14 wire and has barbs three inches apart and every reel is guaranteed true to measure. We have an unlimited supply but the price is bound to advance, and would advise quick action if you are in need of wire. Have also in stock several car loads of galvanized 4-point barbed wire, put up about 100 lbs. a reel, and galvanized slightly but good for all general purposes. Price per 100 lbs., while it lasts, \$2. Painted barbed wire 100 lbs. \$1.55 Twisted cable wire, 100 lbs. \$1.75.

Fencing—The Best Galvanized Woven Wire Fencing manufactured; strictly first-class; made of two wires twisted together to form one extra heavy coil. We can furnish in all sizes and shapes. Our special 36-inch hog fencing with stays 6 inches apart we quote at per rod \$1.50. Extra heavy cattle fencing, 48 inches high, with six inch stays, per rod \$1.50. Our special poultry and rabbit fencing, small enough to turn any poultry or rabbit and heavy enough to turn cattle, 48 in. high, per rod \$3.00.

Doors and Windows 20,000
 Doors and Windows, brand new, first class, at 15 to 50% Saving. The most Staple Sizes are included in this lot. We also have a complete stock of Mill Work, including windows, doors, frames, interior trim, and in fact everything needed to construct or to improve your building. Our Prices are Lower than you can get anywhere else. All material is first class stock of Standard Manufacture. We will save you 40% or more. Send us Complete List of what you need for our Low Delivered Prices.

CHICAGO HOUSE WRECKING CO., 35th & Iron Sts., CHICAGO

NOTE.—We do not reproduce the post office address of the customers for the reason, first, to prevent unscrupulous would-be competitors and members of the various Lumber Trust Dealers Association, from writing anonymous letters, causing our customers a lot of unnecessary correspondence. Second, to protect our customers from the merely curious.

To anyone showing sufficient interest and an honest intention to purchase, we will be pleased to furnish the post office addresses of one or all that may be requested.
 Chicago House Wrecking Co., Chicago, Ill.
 Gentlemen:—I received your lumber for (House Design No. 142), and I have got it hauled and I have saved at least \$400.00 on

my house by buying from your Company. as I can make out until we get it built. Your lumber is better than is sold here. All safely landed but the paint. Please send it. Thank you for your kind attention.
 (Signed) NATHAN McCANDLESS.
 Chicago House Wrecking Co., Chicago, Ill.
 Dear Sirs:—We received the car of lumber all in good condition and all there as far

It came in quick time, being here May 11th. Order No. 32,308.
 We are very much pleased with the lumber and neighbors that helped us say that when they build, they will send there for their goods.
 (Signed) HOWARD L. SMITH.