

KANSAS FARMER

FOR THE IMPROVEMENT



OF THE FARM AND HOME

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Established 1863. \$1 a Year.

THE AMERICAN ROYAL

The American Royal of 1910, which closed its gates on Saturday evening, October 15, was a pronounced success in every particular. There were larger entries in all departments than ever before, and the crowds in attendance exceeded the highest expectations.

This great national exposition of the country's chief industry was founded only a decade ago by the breeders and admirers of Hereford cattle for the purpose of showing their magnificent breed to the public. This initial show of a single breed was so successful that other breeds were admitted from year to year until now no class of live stock is excluded, and even poultry is on exhibition. The big feature of the show is and always has been the exhibits of beef cattle. The primary object sought by its founders was the exhibition of the beef makers. The support it has gained in all these years is very largely received from the men who breed this class of cattle, and this year there were 114 breeders who showed their herds of the four different breeds of the beef making animals.

Because of its original purpose and the energy with which the Hereford men worked for its success, the American Royal has always been a great show place for the whitefaces. The best cattle of this breed that have ever been shown in America have appeared in this ring. The show itself has been a wonderful incentive to the breeder in his labor of love in perfecting these magnificent animals. His work has developed the breed and made it popular until now it is one of the most popular of all the beef breeds in the country and especially in the corn belt region of which Kansas City is the center.

Ever since the Shorthorns made their appearance in the judging rings of the American Royal, they have shown their strength as a breed, have increased their popularity and have proved a great feature of this splendid show. Perhaps the Shorthorns are the oldest of the pure beef breeds in this country. Their popularity is widespread, and their admirers claim that from their perfectly developed forms have been furnished the patterns from which the other breeds have been copied in their struggle for animal perfection. Whether these questions are vital is not important, but the fact remains that no Shorthorn breeder and no farmer who raises Shorthorn cattle need make any apology for the red, white and roans.

The American Royal is strictly a live stock show, and the visitor who is not engaged in the active operations of breeding stock, is always interested in the different kinds to be found there. Among these the one which always attracts prominent attention, and which has been dignified with the name of Aberdeen Angus, has been nicknamed the "black doddies." The writer has never seen the black doddies at home in Great Britain, but he has seen them where they are more at home in the corn belt region of America. It is doubtful if this breed has ever attained greater perfection in any land or clime than it has under the genial sunshine and favorable climatic conditions of the Missouri Valley. Not only do they give a good account of themselves in the

The Best Exponent of The Country's Chief Industry

show ring as breeding animals, but the Royal of each year shows a long list of winnings to their credit in the individual fat classes, the car load lots of feeders and of fat cattle, and in the test made of carcasses on the block. Their record in other great shows is the same, and even the most intense partisans of other breeds are compelled to admit that as a beef producing machine the Aberdeen Angus has few equals and no superiors.

The modern history of the Galloways in the plains country west of the Mississippi River is largely bound up in the history of the American Royal. In the brief period covered by this history the shaggy Galloways have attained a greater fame and renown in the region where they are most highly appreciated than they had ever held before or than they could have attained in any other way perhaps. Since their first appearance in the American Royal they have won many friends because they have shown such a marked development in quality that their value as beef producers has forced a recognition. They

are still not so numerous as the other breeds, but their excellent feeding qualities, their early maturity, their hardiness, their rustling qualities, and their splendid robes have won for them a friendship which is broad and lasting. Their numbers are increasing as their quality is better known and appreciated. The American Royal furnishes the best show of Galloways to be found in the great valley.

Since the Royal opened its gates to other classes of stock the showing of draft horses has been one of its most attractive features. Here may be found the results of the breeder's best skill, and the array of these splendid animals of several different breeds is a magnificent one and so highly valued by the visitors that the management decided to open its gates for an evening horse show. This horse show is not in any sense the society event which has given rise to the name, and yet it is one of the great society events of Kansas City and vicinity. The exhibits in the evening are composed of individual animals on parade, of two, four and six

horse hitches, of the world's best drafters, of pony shows and of the light and fancy moving coachers. No more inspiring sight can be seen on the tan bark than the splendid draft horses which appear in this ring, and the more showy, though none the less useful in their place, of German and French coachers.

The American Royal has only one handicap and that is the lack of room. When it first opened its gates the site selected was ample in size and was then believed to be ample for any growth that the show might make in future years. In this belief the management has erected permanent buildings at a cost of many thousands of dollars, only to find that their show has outgrown its location and they are now seriously cramped for room. This does not detract in any sense from the interest of the visitor. Indeed, it seems to make it more interesting to him as the exhibits of all classes are so closely placed that they can be seen and judged at leisure without any great amount of traveling between. This feature is appreciated by many, although it furnishes a serious problem for the management. Ample facilities are afforded in the show ring but a considerable increase in the number of entries each year serves to test the buildings and grounds to their capacity.

The agricultural and dairy implement manufacturers are always alive to their interests and to those of the public, and are anxious to display the product of their skill and inventive genius wherever any considerable number of farmers and stockmen are gathered together. With the attractive exhibits of live stock which are brought here each year has come an equally attractive exhibit of implements. The grounds, however, are too small to contain them and leave ample accommodations for the live stock for which the show exists, so many must content themselves by exhibiting in the nearby streets and vacant lots. This feature of the show is well worthy of the attention of the visitors.

Another feature which is most highly appreciated and which is of immense educational value, is the students' judging contest, in which prizes are offered by the management to students from the agricultural colleges of the different states for their skill in judging animals of different classes. The prize offered is a large silver cup which may be held by the winning team for one year. If the same team wins consecutively three times the cup becomes the property of that team and the college it represents. The first of these student judging contests occurred in the year 1907 when the cup was won by the students of the Iowa Agricultural College. The next year the Kansas institution carried off the cup, while last year it was won by Missouri and this year again taken by Iowa. The young men who compose these teams are required to pass upon horses, cattle, sheep and hogs, and each contestant is credited with the score he makes, to which is added the scores of the other members of his team to make the team record. One thousand points is possible on each individual score and five points on the team score, which is composed of five men. This year the Iowa team won with a score of 4,138 points, the Missouri

(Continued on page 5.)

THINGS ELEVATED



"I guess this beats backache; besides it puts the wagon more hours in the field."

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125 ACRES IN WHEAT. Fine ¼ section, 7 miles of Medford, 4 miles of railroad town, 250 acres in cultivation, 35 a. pasture, fenced hog tight, 85 a. stock pasture all fenced, 2 sets buildings, good water, orchards, two miles to school, good land, price \$15,000 for immediate possession, terms to suit. BATTEN REALTY CO., Medford, Okla.

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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. POCHER, Newkirk, Okla.

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THE STRAY LIST

W. H. Shaffer, County Clerk, Cherokee Co. TAKEN UP—1 red steer with white face. About 3 years old, weight 900 lbs., branded on left hip B. 2., tip of right horn sawed off. Was taken up by T. J. Bennett of Neosho twp., Aug. 20, 1910.

W. N. Larabee, County Clerk, Trego, Co. TAKEN UP—One Bovine steer, 3 years old, black, Y on right hip, value \$25.00. Was taken up Aug. 20, 1910, by Chas. M. Bell of Utica, Kan.

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95 a. half bottom land, new 5-room house, new barn, orchard, 3 miles south Calhoun. Average corn yield, 50 bu. If sold before November 1st, \$45 a. Several other extra bargains. HARTHOLOMEW & SLACK, Calhoun, Mo.

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Good corn, wheat and clover farms in Bates Co., Mo. C. W. HESS, Butler, Mo.

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F. L. Pierce, County Clerk, Kearney Co. TAKEN UP—One cow and calf, female, pale red, light face. S on left shoulder, T on left side, N. K. on left hip, O on left shoulder, valued at \$25. Taken up Oct. 8, 1910, by Thomas West of Hartland twp.

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SHORTHORN BULLS FOR SALE

Have two choice six months old, both dark reds, one pure Scotch, the other Scotch topped. Sired by Royal Ramden, priced right for quick sale. Also a few cows and heifers.

H. H. HOLMES, Great Bend, Kansas.

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 Martha C. Collins, deceased. 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 November, A. D. 1910, for a full and final settlement of said estate. Dated Sept. 30th, A. D. 1910. B. F. COLLINS, Administrator.

CLARK'S NEW 1910 SELF-SHEDDING CORN-HUSKING HOOK Husk 100 Bushels Per Day



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This most approved hook has a spear point which causes the husks to pull on the top bend. The slant or diagonal bend turns the husks for shedding. The beveled, rounded and curved edge turns the husks loose without clogging or friction.

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KANSAS FARMER :: :: Topeka, Kansas

KANSAS FARMER

EDITORIAL

RURAL POPULATION DECREASE.

In the opinion of President H. J. Waters of the Kansas Agricultural College, America is drifting towards the stupendous blunder of Great Britain in creating a land-owning class to be supported by tenants. Unless checked this will retard the improvement of rural conditions in which is included better homes, better schools, and a more comprehensive system of rural education; prevent road building and seriously discourage the scientific cultivation of restricted areas from which would come increased yields.

The cost of living must be reduced by improved methods of production rather than by reduced profits to the producer.

"The decrease in rural population in the states referred to," President Waters said, "is due, mainly, to emigration to Oklahoma, Texas, Canada, etc., and to the fact that so many farmers of the states affected have moved to town to enjoy the better social, educational and religious advantages than are afforded in the country.

"To those that have kept in close touch with the agricultural situation this decrease in rural population is not surprising. We have seen our agricultural exports decline rapidly within the last five years, and the price of food stuffs rise steadily, despite good crop yields, the country over. Months ago it was pointed out that this could be due to no other cause than that too few people were on farms, and too large a proportion of our total population was in cities and towns.

"This fact does not so vitally concern the agricultural population as it concerns the consuming public in general, for so long as there is a shortage of producers and a surplus of consumers prices are bound to be satisfactory to the producer and unsatisfactory to the consumer.

"On the surface, the reason for so many people leaving the farm in Missouri, Iowa, etc., is that land has risen in price rapidly in the corn belt within the last five years. This has forced the man of small capital who wanted to buy a rural home to leave this region and go into Oklahoma, Texas, western Kansas, or Canada, where land values were lower.

"The man that owned the land suddenly found his property valuable beyond his dreams, and was immediately tempted to cash in, so to speak. He well knew that at the prices for farm products to which he had been accustomed, and under the system of farming with which he was familiar, his land would not yield a reasonable return upon the money for which he could sell it.

"The real reason, however, for this exodus from the farm must be sought in the condition of rural life itself. If the people generally believed that country life possessed the business opportunities and attractiveness of town and city life, there would be plenty of people to take the place of those who left the country for the other states or for town. If the schools, churches, roads, social and home conveniences had reached the same development in the country as in the city, there would not be complaint of lack of sufficient people on the farm.

"The important question to be decided is how to keep young men and young women on the farms so that the average intelligence of the farming community may not be lowered. The remedy, he believes, will be to improve the rural school, erect within riding distance of the home of every boy and girl in the rural districts a first-class high school in which agriculture, manual training and home economics are taught, the rural church must be strengthened, developed and redirected, and the country road must be made passable in comfort the year through."

In spite of the work of the crop killers in Kansas last season the government reports show the crop conditions on October 1 to have been as compared with last year and compared with a 10-year average. The figures for the entire country show the wheat crop was 10% short as compared with last year, while the corn crop was 1% short as compared with last year, and the oats crop was 1% short as compared with last year.

With which is combined FARMER'S ADVOCATE, established 1877.
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PICTURES—Good photographs, drawings and plans are especially solicited. Senders' names should always be written on the back of each picture. KANSAS FARMER can not be held responsible for any picture submitted, except under special written agreement.

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

KANSAS FARMER COMPANY, TOPEKA, KANSAS.

THE HARRIS MEMORIAL.

Last January the Kansas Improved Stock Breeders' Association appointed a special committee to solicit funds and provide a site for a monument to the memory of the late Col. W. A. Harris. Since that time this committee has worked hard and met with success.

As the fund grew, the question of the most suitable location for the monument was raised and suggestions have been coming in rapidly. The original motion contemplated the placing of a memorial tablet on Linwood farm, which was the home of Colonel Harris and his famous Short-horns for so many years. The committee were in doubt, however, as to whether this somewhat retired spot would prove the most satisfactory and has asked for suggestions. Among these, and the one which seems to find most favor, is that the memorial should be placed on the grounds of the Kansas State Agricultural College, of which institution Colonel Harris was a regent at the time of his death.

While these suggestions are welcomed by the Association and its committee it should be borne in mind that the entire matter is in the hands of the Kansas Improved Stock Breeders' Association, who will take action at the proper time.

Col. J. F. True of Topeka is chairman of the committee and is authority for the statement that more funds are needed before the final steps can be taken. Those who wish to participate in the movement to perpetuate the memory of one of Kansas' greatest men should communicate with this committee at once.

Among thinking people of the better class there exists a strong demand for the social uplift of society. This demand is so strong in certain sections that it has created a demand for leaders and teachers in the social uplift movement. Recognizing this the University of Wisconsin has established a branch of its extension department which shall provide instruction for men and women who desire to render expert service in social reform, social welfare and municipal efficiency. The prevention of crime, the lessening of poverty and the raising of the standard of life among the citizens are among the objects sought.

The general shortage of meat producing animals in this country has not only been reflected in prices for both animals and meats but has been duplicated in the Canadian provinces. The prospects ahead of the breeder and feeder are bright so far as prices go.

Government engineers are now at work building an extension to the dike which they had formerly constructed on the Republican river at Fort Riley. The first dike was of concrete but did not prove to be long enough for full protection. This work will occupy a large number of men and several months of time for its completion.

KANSAS POPULATION.

The Kansas State Board of Agriculture, which is the statistical agent of the state as well, has published a summary of the census taken last spring. In this is shown the fact that the state has increased in population 251,653 in 10 years. Unfortunately this increase seems to have been confined entirely to the cities and towns while the rural population seems to have actually decreased in numbers. This statement is not intended to be exact as Secretary Coburn only publishes the population of such towns and cities as have 1,000 or more inhabitants. From this list of towns, however, it is seen that about 200,000 of the increase has been absorbed by them while if the smaller towns are considered the remainder of the increase will probably be included.

This may be accounted for, in part, by several facts. The improvement of farm machinery which has rendered the farmer more efficient as a working force in the production of crops and the constantly advancing price of land are two of them. There is room for more farmers and for better farming as there is a demand for more foodstuffs. All of our common school training and our political and commercial incentives for a hundred years have been favorable to urban growth and away from the farm. Is it any wonder that people do as they are taught.

Formerly it was the custom of farmers' institutes in Kansas to hold annual meetings. Now they will meet monthly and hold the annual meeting as well.

Supt. J. H. Miller of the extension department of the Agricultural College has now under his direction about 300 regularly organized institutes and the monthly schedule which he has prepared for them includes the selection of seeds for the October meeting and the selection of breeding stock for the November meeting. Apply to Superintendent Miller for full information.

From widely separated parts of the state come reports of sheep feeding operations which serve to show that the interest in this profitable farm animal is growing and that there is an abundance of suitable feed. Reno county reports 10,000 head of sheep on feed, which is perhaps the largest number yet reported, though Republican county will be a close second.

Up in Clay county, Kan., a little patch of 14 acres of land with no improvements and located a mile from the county seat sold last week for \$2,850. This is a little more than \$200 per acre, and the purchaser proposes to make good on his investment by devoting it to intensive methods of farming. He can do it, too, if he is onto his job.

Much fun has been poked at New Mexico because of her small population, but she is bigger than Delaware and besides, she is inhabited by real western people who simply must have room to grow.

KANSAS FARMER FACTS.

On July 30 of this year the KANSAS FARMER published a front page article on "The facts about Kansas Crops," which was exact and accurate but which was the subject of some adverse criticism from outside the state because of the earlier work of the crop killers.

In the light of the facts as shown by the reports of both the national and state departments of agriculture on crop conditions in Kansas on October 1 the statements made in the article referred to seem marvellously accurate. The daily press was then publishing statements to the effect that the wheat crop would not exceed 55 to 60 million bushels. The KANSAS FARMER estimate was 70 million bushels while the government report shows that there was harvested over 72 million bushels.

Eastern people and, indeed, some Kansas people, find it hard to understand that the "short grass" country no longer exists in this state. Some of them may reason it out that the wheat belt has taken the place of a large part of what was once known as the short grass country and that, as a consequence, the short grass country has been shoved further westward but they cannot seem to comprehend that the corn and orchard belt has pushed the wheat belt westward and this, in turn, has shoved the short grass over the border. For example, take Reno county, which was once in the center of the short grass country and later of the wheat belt. It is now well within the corn belt. From being a treeless region it has become one of the best wooded counties in Kansas. A large proportion of these trees which have served to so change the aspect of the country are fruit trees and it is stated that there will be not less than 400 car loads of apples shipped out of Hutchinson alone this fall. An observation trip over Kansas would do a lot of people a lot of good.

The soil is the most important source of wealth to both the state and the nation. Upon its continued productiveness will depend, in a very large measure, the future welfare of the people. If fertility is maintained the future generations will prosper. If it is not maintained disaster results. Present methods are far from perfect and only serve to deplete the soil in too many instances. As an extreme illustration it is stated that the farmers in the great wheat region of Canada only expect to secure from 12 to 15 crops from their land and then abandon it. A Kansas man who spent some time in that region during the last growing season stated that very many of the fields he visited contained more weeds than wheat. The plow that bites deep and the manure spreader are our best defenses against such a condition in this country.

The figures supplied by our departments of agriculture, both state and national, are staggering in their immensity. They purport to give farm values on farm products and their totals are bewildering. When the thinking man peers into their bulk for concrete facts he finds that these figures, huge as they are in the aggregate, are only moderate when compared with the aggregate prices paid by the consumers for these same products. He is surprised at the wide margin between what the farmer receives and what the consumer pays and two convictions are forced upon him. One is that the farmer does not get enough for his investment of time, labor, cash and brains. The other is that there are too many middlemen who have a finger in the pie.

The job of being a king seems to be full of uncertainties. At least that is the way it would appear to a certain young man in Portugal. In Kansas the young man who owns a good farm has the king business beaten a country block.

Several vessels from Italian ports have been detained at the New York quarantine station because of having cases of Asiatic cholera on board. This dread disease seems to be widespread over eastern and central Europe and our authorities are taking every precaution against it.

Raising Sugar Beets In Kansas

Combined With Stock Raising and Dairying is Most Profitable

DR. C. E. TOWNSEND, Garden City, Kan.

Sugar is one of the necessities of every household, and the people of this country are using nearly eighty pounds per capita annually. This commodity is produced principally from two plants, namely, sugar cane and the sugar beet. Cane as a sugar producing plant is so old that we have no accurate knowledge as to its origin, while the sugar beet, as a commercial source of sugar is but little more than a century old.

Sugar was discovered in the beet root in 1747, but was not utilized for the commercial manufacture of sugar until the early part of the past century. It was utilized in the Old World for the manufacture of sugar more than a half century before the industry was established in this country. For forty years (from 1830 to 1870) repeated efforts were made to produce beet sugar commercially in the United States, but without success. Forty years ago the dream of our fathers in this regard was realized in the establishing of a mill for the production of beet sugar. This factory still exists at Alvarado, Cal., and still produces beet sugar each year.

This infant industry, now forty years of age, has grown until sixty-five beet sugar mills now exist in this country, giving increased prosperity and happiness to as many communities. These mills are scattered over fifteen states, adding millions to the wealth of our country, and furnishing employment to thousands of people.

One of the most modern and successful of these mills is located at Garden City, in western Kansas. The beets necessary to supply this mill are grown in the Arkansas Valley, within a radius of thirty miles of Garden City.

The first requisite for the successful operation of a beet sugar mill is the production of beet roots in sufficient quantity and of suitable sweetness to make the operation of the mill profitable; at the same time the return to the grower must be sufficient to give him a fair return for labor and money invested in the production of the crop.

In regard to the kind of a soil best adapted to the growing of sugar beets, it may be stated that while there is considerable difference in the quality of soil, the handling of the ground and the cultivation of the crop are more important than the kind of soil. As a rule, the loamy soils, either the sandy loam or the clay loam will give the best general results.

In preparing the ground the soil should be broken to a good depth,

and the seed bed should be worked down until it is firm and capable of retaining moisture. The presence of an abundance of humus adds materially in the retention of moisture, and in many other ways contributes to the betterment of the soil for the production of sugar beets.

In general the ground should be plowed in the fall although this is not always practicable owing to the crop that precedes the beet crop. If the preceding crop is not capable of being harvested and removed in time the plowing must necessarily be delayed until winter or spring. Winter plowing is to be advised providing the ground is not frozen. If the plowing is delayed until spring it should be done as early as possible, and the ground should be harrowed immediately after plowing in order to retain the moisture which has fallen during the fall and winter. If the plowing is done in the fall the ground should be harrowed early in the spring for the purpose of retaining moisture. The matter of retaining moisture in the soil in the early part of the season is extremely important and one that is frequently overlooked in an irrigated country, the growers generally holding that water can be supplied by irrigation, but it must be remembered that the winter moisture is retained, not only for the purpose of keeping the ground in good condition for planting but that the moisture so held by the soil is constantly acting upon the plant foods, and in connection with the temperature, the humus and other soil conditions is liberating that plant food to be used later by the beet. It is very important that the soil moisture be held until after the planting season so that the beets may be started without irrigating them and the growth should be maintained until July without irrigation. In case it is necessary to irrigate the beets up, the soil is frequently left in bad condition, owing to the formation of a crust over the surface of the ground. This often renders it practically impossible for the young beet plants to get through to the air and light. In such cases the crust must be broken by some artificial means. The crust is sometimes softened by a second irrigation but this frequently increases rather than decreases the difficulty. The crust may be broken

in several ways, such as rolling or harrowing the ground. We have found the corrugated roller a very satisfactory implement for this purpose, providing the soil is not too moist below so that it will be too firmly packed. The spiked tooth harrow is also satisfactory, if the teeth are set well back, and the harrowing is done crossways of the rows. This will disturb some of the seedling plants, but in the main is very helpful in bringing the majority of them through to the air and light. It must be emphasized, however, that the matter of irrigating the beets up should be discouraged in all cases where a fair stand can be obtained by the presence of the moisture that has been stored during the fall and winter. The beets should then be allowed to grow as long as possible without irrigation in order that the roots may penetrate to a good depth, and in this way form a well developed root system.

Planting in this locality should be done between the 15th of April and the 15th of May. It is sometimes possible to plant a little earlier, depending upon weather conditions, and fre-

quently good results are obtained by planting later than May 15th, but as a rule, these dates seem to be the most satisfactory for planting the bulk of the crop.

Too much stress can not be laid upon the preparation of the land before the seed is planted. All the work that is done previous to planting aids materially in reducing the work to be done after the beets are up, and the importance of a firm seed bed is one of the prime requisites for the production of a good crop of beets.

The seed is planted in solid rows eighteen or twenty inches apart, and as soon as the young beets are up they should be thinned to one in a place at intervals of about eight inches. The work of thinning must be done by hand as it is impossible to so plant the seed that the seedlings will stand a sufficient distance apart to permit of being thinned with a hoe. This is due to the construction of the beet seed ball which contains from one to seven seeds. It is not uncommon therefore for a single seed ball to produce three or more plants. These necessarily stand so close together that no mechanical means has been devised whereby all the plants but one can be removed without injury to the remaining plant. In the process of thinning the plants they are first blocked by tools which he must or may wish to use and with which he should be familiar.

"The course of study is the state course prepared for the use of the common schools in Kansas, and the regular state text-books, with such supplemental work as time and opportunity permit, are used. Any and all grades may be received, though as yet all regular eighth and ninth-grade pupils have been cared for in the Model Training School. Considerable attention is given to some of the things frequently neglected in most rural schools. Among these are music—simple and rudimentary, to be sure; drawing and color work in water colors, crayons, paper, etc. woodwork, requiring the knife only, for the boys; for the girls, some sewing, employing the various basting stitches, hem-stitching, backstitching, over-handing, etc., is given. Other work which trains hand, eye and mind to work in unison is employed in all grades. Some of the occupations are paper-

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ARTESIAN WELL NEAR MEADE, KAN., WHICH FLOWS 85 GALLONS PER MINUTE.

The Western Branch State Normal School

By an act of Congress, approved March 28, 1900, the Fort Hays Military Reservation was turned over to the state of Kansas for educational purposes. The Legislature in dividing the tract of some 7,800 acres assigned something over 4,000 acres to the school. While a summer session began on June 23, 1902, it was to an extent hardly the formal beginning of the school's life, being to some degree a private enterprise, salaries of teachers coming almost wholly from fees collected from students enrolled. The first regular term of the school's history began September 1, 1902, with an attendance the first day of 23 students, representing five different counties. The growth in eight years is somewhat shown in that the total enrollment for the year ending June 3, 1910, was 449, representing 34 counties, including counties as widely separated as Montgomery in the southeast, Brown in the northeast, Grant to the southwest and Cheyenne the extreme northwest county of the state. During the eight years a total of 996 different students had been enrolled from a total of 50 counties.

Until the first of September, 1904, the school was conducted in dilapidated buildings, the remnants of old Fort Hays. Then work was transferred to a new stone building, the central third of what is now the school's main building on a site ad-

By W. S. PICKEN, President.

joining Hays on the west. Here upon a beautiful campus of 80 acres is the present home of the school. The main building and the gymnasium together cost a total of \$75,000 and improvements in the form of water, heating and electric light plants are now in process of building at a cost of \$30,000 more. A further permanent structure now nearly completed is the new Model District School building in which the Model District School in the future is to be housed.

The school started with a faculty of two resident members; the resident members of the faculty for the coming year number sixteen.

As to the school and its mission: It was established as a "western branch of the Kansas State Normal School" in the language of the act of Congress. As such branch it commenced with a course which covered the first two years of the course of the State Normal School at Emporia. Graduation from this two year course was rewarded with a diploma which was and still is a one year state certificate to teach in Kansas schools below the grade of the high school. In 1905 the Legislature passed a law by which a three year course was authorized, ending with a three year state certificate, good in any of the

schools of Kansas. On July 3, 1910, Attorney General Jackson handed down a decision giving the regents of the state normal schools authority to establish a four year course at Hays and issue to graduates therefrom a diploma which is a life certificate to teach in all grades of the public schools of the state. Up to and including June 3, 1910, one year and three year certificates had been issued to 65 young men and women while the total number of life certificate graduates reached 24.

But normal schools in the especial development of their particular mission in the preparation of teachers are more or less swayed by their environment. Those situated in cities or in sections of the country where large centers of population predominate perforce prepare teachers for the closely graded city schools; those placed in manufacturing districts lay stress upon the preparation of industrial and manual training or technical teachers. This school is in the midst of a great agricultural empire, in a region where farming will always be the chief interest and city centers of population infrequent. In the nature of things its mission will be that of preparing teachers and leaders in agricultural education; it is in this field

that its work is developing and must continue to develop. In comparatively sparsely settled western Kansas the one teacher rural school is necessarily the type of school most prevalent. The need of help for such schools brought into being the Model District School referred to heretofore. It was established three years ago and thus far in its life has carried on its work in rooms in no sense ideally planned for such work. The new building will correct the lack. In the Model District School's life thus far the effort has been to place before the students of the Normal School an ideal one teacher school fitted to carry on the educational work in a rural neighborhood. The following extract from a recent catalogue of the school gives a somewhat definite idea of the way work is provided for:

"The school room itself is equipped with charts, globes, maps (both relief and political), sand table, work table, curio cabinet, dictionary, small library, single seats of graduated sizes, pictures, etc. All these desirable and helpful things are of such a character as to be easily within the financial possibilities of the average district school, and yet they fairly represent essential elements in a school where the best work is to be done. Such equipment, simple though it may be, gives the observer an idea of the

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American Royal.

(Continued from page 1.)

team came second with 4,073, the Nebraska team next with a score of 3,981, and the Kansas team following with a score of 3,852. The high man on the Kansas team won his position among the individual contestants and at the head of the sheep judges by his excellent work in judging sheep. This seems a little peculiar when Kansas is not recognized as a sheep state, as are Iowa and Missouri, who were among the other contestants.

The Percherons.

Exhibitors—Holland Stock Farm, Springfield, Mo.; J. F. Roelofson, Maryville, Mo.; Percheron Importing Company, South St. Joseph, Mo.; Lee Bros., Harveyville, Kan.; Taylor & Jones, Williamsville, Ill.; Shaffer & Son, Fulton, Kan.; George B. Ross, Alden, Kan.; F. D. Webb, Sterling, Kan.; Judge—W. E. Fritchard, Ottawa, Ill.

Aged stallions—1st, Taylor & Jones on Glorieux; 2d, Holland on Luron; 3d, Percheron Importing Company on Dandy.

Three-year-old stallions—1st, Taylor & Jones on Helix; 2d, Ross on Hautain; 3d, Shaffer & Son on Marmaduke.

Two-year-old stallions—1st, Taylor & Jones on Isben; 2d, Percheron Imp. Co. on Inklus; 3d, Taylor & Jones on Brilliant R.

Group of 2 stallions, any age—1st, Taylor & Jones on Isben, Glorieux and Helix; 2d, Percheron Imp. Co. on Inklus, Iris and Dandy.

Group (3 mares any age)—1st, Holland on Habitude, Falaise and Poelsie; 2d, Lee Bros. on Della, Della and Mable.

Aged mares—1st, Lee Bros. on Della; 2d, Holland on Charmille; 3d, Webb on Gertrude.

Three-year-old mares—1st, Ross on Huchepie; 2d, Swinney on Halambique; 3d, Holland on Habitude.

Two-year-old fillies—1st, Roelofson on Ipsole; 2d, Swinney on Isola; 3d, Lee Bros. on Illida.

Champion stallions—1st, Taylor & Jones on Isben.

Champion mare (any age)—1st, Ross on Huchepie.

Percheron Registry Co. Specials.

Aged mares—1st and 2d, Holland on Charmille and Falaise.

Three-year-olds—1st, Swinney on Halambique; 2d, Holland on Habitude.

Two-year-olds—1st, Swinney on Isola; 2d, Holland on Maxine.

Yearlings—1st, Holland on Juranienne; 2d, Holland on Jolie.

Group (3 mares)—1st, Swinney on Herre, Historiette and Halambique; 2d, Holland on Charmille, Falaise and Habitude.

Percheron Society Specials.

Best stallion, any age, bred and owned by exhibitor—1st, Shaffer & Son on Marmaduke; 2d, Roelofson on Van Tour; 3d, Lee Bros. on De Castille.

Best mare, any age, bred and owned by exhibitor—1st, Roelofson on Frances; 2d, Lee Bros. on Gale 2d; 3d, Lee Bros. on Merdit.

Best 5 stallions, any age, owned by exhibitor—1st, Taylor & Jones on Helix, Glorix, Brilliant R., Isben and Gowlin; 2d, Holland on Herbar, Hartson, Haiti, Infant and Innerite; 3d, Lee Bros. on Count Robert, Heresal, De Castille, Guidin and Strume.

Best 3 mares, any age, bred by exhibitor—Lee Bros. on Gale 2d, Merdit and Rose.

Best 4 animals, get of 1 sire, bred and owned by exhibitor—1st, Roelofson on Phoenix and get; 2d, Lee Bros. on Gale 2d, Merdit, Rose and Florence.

Best 2 animals, either sex, produce of 1 mare, owned and bred by exhibitor—1st, Shaffer & Son on Marmaduke and Nigger; 2d, Lee Bros. on Gale 2d and Merdit.

Champion stud, stallion and 4 mares, bred and owned by exhibitor—1st, Lee Bros. on De Castille and Florence, Rose, Gale 2d and Merdit.

Shires.

Exhibitors—Percheron Importing Company, South St. Joseph, Mo.; Taylor & Jones, Williamsville, Ill.

Judge—W. E. Fritchard, Ottawa, Ill.

Aged stallions—1st, Taylor & Jones on Cardyke Gallant.

Three-year-old stallion—1st, Taylor & Jones on Cardyke Magnet; 2d, Percheron Imp. Co. on Markharold.

Two-year-old—1st and 3d, Taylor & Jones on Chesterfield and Royal Drednaught; 2d, Percheron Imp. Co. on Drawee.

Champion stallion—Cardyke Magnet.

Group of stallions—1st, Taylor & Jones.

American Shire Horse Specials.

Best imported stallion (any age)—Taylor & Jones on Cardyke Magnet.

Best American bred stallion (any age)—Taylor & Jones on Chesterfield.

German Coaches.

Holland Stock Farm of Springfield, Mo., exhibited their aged stallion, Nordstamm, and their 3-year-old, Titus and were awarded first prizes on both. Titus was the champion stallion. Classes were judged by W. E. Fritchard, Ottawa, Ill.

French Coaches.

McLaughlin Bros. of Kansas City, Mo., and Columbus, Ohio, exhibited their aged stallion, Georges. He was awarded first prize and championship.

The Belgians.

The Belgians were led into the arena just before noon. The champion stallion of the show was Pequet, the aged animal shown by the Percheron Importing Co., South St. Joseph, Mo.; Shaffer & Son, Fulton, Kan.; Taylor & Jones, Williamsville, Ill.

Judge—W. E. Fritchard, Ottawa, Ill.

Aged stallions—1st, Percheron Imp. Co. on Piquet; 2d and 3d, Shaffer & Son on Robert and Daniel.

Three-year-olds—1st, Percheron Imp. Co. on Fiston; 2d, Taylor & Jones on Valmay.

Two-year-olds—1st, Taylor & Jones on Corril.

Champion stallion—Piquet.

The Herefords.

Exhibitors—Wm. Andrews & Sons, Morse, Ia.; S. L. Brock, Lake Geneva, Wis.; C. L. Brownning, Laredo, Mo.; J. O. Bryant, Savannah, Mo.; H. D. Cornish, Osborn, Mo.; W. A. Dallmeyer, Jefferson City, Mo.; Jesse Engle & Sons, Sheridan, Mo.; Estate Jas. A. Funkhouser, Mo.; Giltner Bros., Eminence, Ky.; Gudgell & Simpson, Independence, Mo.; O. Harris & Sons, Harris, Mo.; Robert H. Hazlett, Eldorado, Kan.; N. J. Hiltbrand, Lottant, Ill.; C. V. Hull, Platte City, Mo.; Klaus Bros., Bendena, Kan.; James E. Le-gan, Kansas City, Mo.; Luce & Moxley, Shel-burn, Ky.; Warren T. McCray, Kentland, Ind.; Makin Bros., Grand View, Mo.; R. T. Thornton, Kansas City, Mo.; University of Nebraska, Lincoln, Neb.; W. S. Van Natta & Sons, Fowler, Ind.; A. L. Weston, Edgewater, Colo.; Hugh Whitford Gullford, Mo.; Judges—Geo. Hendry, Independence, Mo.;

P. C. Lee, San Angelo, Tex.; E. J. Taylor, Fremont, Mich.

Aged bulls—1st, Bryant on Curtis; 2d, Van Natta & Son on Prime Lad 9th; 3d, Tow on Principal 6th; 4th, McCray on Peter Parley; 5th, Dallmeyer on Beau Premier; 6th, Whitford on Parsifal; 7th, Klaus Bros. on Fulfiller 8th; 8th, Engle & Son on J. B.

Two-year-old bulls—1st, Harris on Repeater; 2d, Giltner Bros. on Beau Colum-bus; 3d, Makin Bros. on Paragon 12th; 4th, Luce & Moxley on Prince Rupert 17th; 5th, Weston on Bonnie Brae 15th; 6th, Klaus Bros. on Beau Onward; 7th, Andrews & Son on Echo Grove; 8th, Van Natta & Son on Prime Lad 42d.

Senior yearling bulls—1st, Harris on Gay Lad 6th; 2d, Makin Bros. on Paragon 21st; 3d, McCray on Beau Real 15th; 4th, Hazlett on Beau Militant; 5th, Tow on Norway Chief; 6th, Hazlett on Bosanko; 7th, Hazlett on Zelpho; 8th, Gudgell & Simpson on Mountaineer.

Junior yearling bulls—1st, Luce & Moxley on Prince Rupert 27th; 2d, Luce & Moxley on Prince Rupert 26th; 3d, McCray on Fairfax 16th; 4th, Van Natta & Son on Prince Lad 10th; 5th, Hazlett on Moulder; 6th, Bryant on Columbus B. 7th; 7th, Gudgell & Simpson on General Arthur; 8th, Dallmeyer on Good Lad.

Senior bull calves—1st, Weston on Beau Carlos 2d; 2d, Giltner on Beau Prodigal; 3d, Hazlett on Beau Printer 5th; 4th, Van Natta & Son on Donald Lad 3d; 5th, McCray on Corrector Fairfax; 6th, Makin Bros. on Ad-vertiser 8th; 7th, Browning on Laredo Boy; 8th, Carnish on Beau Stamp.

Junior bull calves—1st, Van Natta & Son on Donald Lad 7th; 2d, McCray on Victor Fairfax; 3d and 4th, Gibson on Odessa Prince and Albert; 5th, Andrews & Son on Authority.

Aged cow—1st, McCray on Lady Fairfax 4th; 2d, Van Natta & Son on Margaret; 3d, Harris & Son on Miss Filler 2d; 4th, Tow on Princess 2d; 5th, Dallmeyer on Nutbrown 9th; 6th, Makin Bros. on Anemone; 7th, Weston on Princess 3d; 8th, Luce & Moxley on Belle Donald 108th.

Two-year-old heifers and under 3—1st, Luce & Moxley on Princess R. 10th; 2d, McCray on Lady Fairfax 9th; 3d, Weston on Princess 13th; 4th, Tow on Water Pea; 5th, Makin Bros. on Forget-Me-Not; 6th, Harris on Princess 16th; 7th, Van Natta & Son on Leona Lass; 8th, Dallmeyer on Lady Audrey.

Senior yearling heifers—1st, Logan on Scottish Lassie; 2d, Van Natta & Son on Prime Lady 2d; 3d, Weston on Princess 18th; 4th, Hazlett on Banza; 5th, Luce & Moxley on Princess R. 14th; 6th, Weston on Princess 22d; 7th, Logan on Handsome Lassie; 8th, Bryant on Cuba 7th.

Junior yearling heifers—1st, Harris & Son on Princess 125th; 2d, Logan on Lol Maid; 3d, Van Natta & Son on Iva 3d; 4th, Hazlett on Bloss 2d; 5th, Giltner Bros. on British Ornament; 6th, Luce & Moxley on Princess 15th; 7th, Hazlett on Checotah; 8th, McCray on Gaylass 5th.

Senior heifer calves—1st, McCray on Daisy Fairfax; 2d, Harris on Harris Princess 17th; 3d, Van Natta & Son on Donald Lass 4th; 4th, Makin Bros. on Clematis 3d; 5th, Luce & Moxley on Perfection Lass; 6th, Dallmeyer on Elsie; 7th, Van Natta & Son on Stella; 8th, McCray on Beau Fairfax.

Junior heifer calves—1st, Harris on Harris Princess 183d; 2d, Harris on Harris Princess 185th; 3d, Van Natta & Son on Pretty Lass 2d; 4th, Weston on Cherry Blossom; 5th, Klaus Bros. on Miss Wilton 21st; 6th, McCray on Sabatha Donald; 7th, Bryant on Katie Shadeland 4th; 8th, Engle & Sons on Arkansas.

Senior champion bull—Harris on Repeater.

Junior champion bull—Harris on Gay Lad 6th.

Senior champion cow or heifer—McCray on Lady Fairfax 4th.

Junior champion heifer—Logan on Scottish Lassie.

Best bull, any age—Harris on Gay Lad 6th.

Best cow, any age—Logan on Scottish Lassie.

Hereford Herds.

Aged herds—1st, Harris; 2d, McCray; 3d, Van Natta & Son; 4th, Luce & Moxley; 5th, Makin Bros.

Young herds—1st, Harris & Son; 2d, Luce & Moxley; 3d, Van Natta & Son; 4th, Hazlett; 5th, Makin Bros.

Aged steers—1st, Weston on Prince; 2d, Kansas state agricultural college on Horace; 3d, University of Nebraska on Iron Heart.

Yearling steers—1st, Weston on Fulfillment; 2d, Van Natta & Son on Prime Lad 50th; 3d, Hazlett on Mirko.

Calves—1st, Van Natta & Son on Donald Lad 5th; 2d, Giltner Bros. on Crapshoot; 3d, Dallmeyer on The Wanderer.

Champion steer—Van Natta & Son on Donald Lad 5th.

The Carlot Calves—Hereford Fat Stock.

Exhibitors—Alex. McGregory, Washington, Kan.; J. B. Woods, Smithville, Mo.; C. L. Brownning, Laredo, Mo.; Matador L. & C. Co. Trinidad, Colo.; P. R. Low, Tarkio, Mo.; J. A. McChananahan.

Judge—John Gosling, Kansas City, Mo.

Under 3 years old—1st, Matador; 2d, Brownning; 3d, McChananahan.

Hereford Feeders.

Exhibitors—H. Epps; Fred Mathews, Kinsley, Kan.; John T. Wood, Amarillo, Tex.; Crocker Bros., Bazaar, Kan.; Bohart & Fauls, Bovero, Colo.; Dinwiddie & Gray, Tulsa, Tex.; T. H. Fynewald, Walden, Colo.; Fowler & Todd, Maple Hill, Kan.; Matador Land and Cattle Co., Trinidad, Colo.; R. E. Edmondson & Son, Claude, Tex.; Molitor & Mourey, Bellefort, Tex.

Judge—John Gosling.

Two-year-olds—1st, Payne; 2d, Bohart & Pauls; 3d, Epps.

Yearlings—1st, Fowler & Todd; 2d, Matador; 3d, Edmondson.

Calves—1st, Crocker; 2d, Mathews; 3d, Molitor—(all helpers).

Sweepstakes—Fowler & Todd, yearlings.

The Shorthorns.


Exhibitors—R. E. Baldwin, Osceola, Ia.; C. B. Brown, Auxvasse, Mo.; Carpenter & Ross, Mansfield, O.; H. C. Duncan, Osborn, Mo.; Elmendorf Farms, Lexington, Ky.; W. A. Forsythe, Greenwood, Mo.; E. M. Hall, Carthage, Mo.; D. R. Hanna, Ravenna, O.; S. C. Hanna, Howard, Kan.; F. W. Harding, Waukesha, Wis.; E. M. Hill, Lafontaine, Kan.; Thomas Johnson & Son, Columbus, O.; Kansas Agricultural College, Manhattan, Kan.; C. E. Leonard & Son, Bunceton, Mo.; C. S. Nevius, Chiles, Kan.; Peak & Saunders, Winchester, Ill.; Howell Rees, Pilger, Neb.; C. A. Saunders, Manilla, Ia.; S. S. Spangler, Milan, Mo.; Thomas Stanton, Aurora, Ill.; O. A. Stanley, Sheridan, Mo.; J. F. Stodder, Burden, Kan.; Henry Stunkel, Peck, Kan.; E. F. Swinney, Kansas City, Mo.; O. A. Tiller, Pawnee City, Neb.; T. K. Tomson & Sons, Dover, Kan.; University of Missouri, Columbia, Mo.; University of Nebraska, Lincoln, Neb.; G. H. White, Emerson, Ia.; White & Smith, St. Cloud, Minn.

Judges—Charles Herr, Lodi, Wis.; George H. Burge, Mt. Vernon, Ia.; V. O. Hildreth, Aledo, Tex.

Aged bulls—1st, Harding on Imp. White star; 2d and 3d, Carpenter & Ross on Avondale and Shenstone Albino; 4th, Tomson & Sons on Gallant Knight's Heir; 5th, John-

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PLOW 30 Acres Per Day



USE GASOLINE, KEROSENE, OR ALCOHOL.

COST: 50c. ACRE

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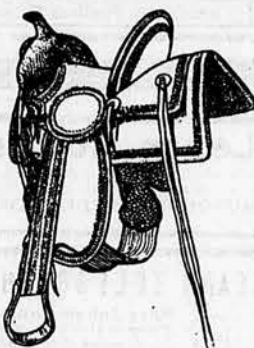
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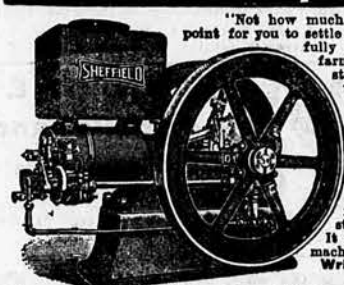
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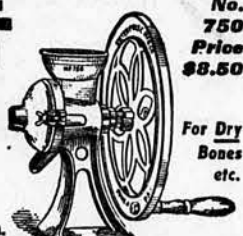
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DAIRY



A Calf Stanchion.

There is money in calves raised by hand. If one is equipped for it or will equip himself, it is believed to be more profitable in every way to raise calves by hand than to let them run with their dams. This has been demonstrated over and over, but because of the slightly additional amount of work necessary it is not practiced so often as would really be profitable. There are many cases of course where emergencies demand that the calf be raised by hand. There are more cases where this could be done profitably if it were undertaken in the right way.

One of the conveniences which is desirable in the development of calves by hand feeding is the stanchion shown in the accompanying cut. It does not require long to train the calves so that they will go of their own accord to their proper places and the stanchion is so easily and so cheaply built that it does not pay to do without it.

As shown in the cut, it is intended to be built into and as a part of the fence surrounding the calf pasture. The materials necessary are some 2 by 4s for the frame work, and some barrel staves for the upright pieces which enclose the calves' heads. These barrel staves are placed in such a manner that one of them which fits about the calf's neck is movable at the upper end. The lower end is held in place by a twenty penny nail driven through the center of the stave so that it may act as a hinge and allow the upper end to move freely for the insertion and removal of the calf's head.

On the outside of the stanchion, which is a part of the calf pasture fence, is placed a rack as shown in the lower part of the engraving,

and on most farms the material necessary is already at hand. In such cases the cost would be nothing more than the labor of construction. The drawing is so clearly made that perhaps no further details are necessary about the method of building, and any man who is handy with tools can construct this stanchion in a very short time and have it in operation.

The results of experimental work in calf feeding at the Experiment Station have been published in the form of bulletins, and may be had by addressing that institution.

Soy Beans for Milk Production.

Two comparisons will be considered; namely, soy bean straw versus corn stover, and soy bean meal versus cottonseed meal. Four cows were used in each lot. The experiment was conducted for 90 days at the Tennessee Station. At the end of each 30 days the rations which were being compared were reversed, so that the different lots of cows would be tested with both rations. The cows were given all the roughage they would consume. In the first comparison each cow consumed per day, in pounds: Schumacher's Dairy Feed, 4; cottonseed meal, 4; silage, 25; and in addition, one lot was given 10 pounds of corn stover in comparison with the other lot, which received the same amount of soy bean straw.

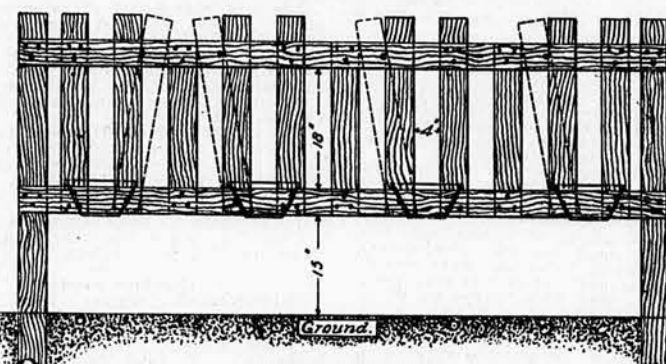
In each period the cows receiving the soy bean straw yielded the most milk and butter-fat, the average number of pounds for the three periods being 1,757 of milk and 87.2 of fat with the corn stover; and 1,978 of milk, containing 99.4 of fat, with the soy bean straw. The amount of dry matter in the two rations was the same. It was estimated that the expense of growing the two roughages

CALF STANCHIONS.

Scale 4-1 ft.



SECTIONAL ELEVATION



FRONT ELEVATION.

HOME MADE CALF STANCHION.

which is intended to hold ordinary milk crocks for feeding the calves. In these crocks can be placed the skim-milk for the calves and with it any grain ration that may be desirable to give them. The particular stanchion from which this picture was taken was owned by a man who had great faith in Kafir corn as a grain ration for his calves. His custom was to place the feed of Kafir corn in the crock with the milk, and let the calves do the rest. These crocks are easily emptied and easily cleaned, while the calves are not using them they can be left in place for the sunshine to purify and cleanse.

The estimated cost of this calf stanchion where all materials must be purchased is about \$2.50. This provides for a stanchion large enough to accommodate six calves, though the cut shows provision for only four. Of course, the stanchion can be made as long or as short as may be desired

was about equal, and that milk was produced about 15 per cent cheaper for the feed in the case of the ration containing the soy bean straw.

In the second comparison, that of cottonseed meal and soy bean meal, the daily feed in pounds per cow, for both lots, was alfalfa hay, 15; corn and cob meal, 2; and corn silage, 30. In addition, 2 pounds of cottonseed meal were fed in one case, and the same amount of soy bean meal in the other. These two concentrates contain about the same amount of protein, but the latter contains about twice as much fat as the former. In each period the lot which had the soy bean meal produced more milk and butter fat than the other lot, the average number of pounds for the three periods being 1,633 of milk and 92.1 of fat, for the cottonseed meal ration; and 1,723 of milk, containing 96.7 of fat, for the soy bean meal ration.

POULTRY



Winter will soon be here, and it should be remembered that fowls require more care in winter than in summer. During the summer time fowls can get along reasonably well when they have free range, for they can pick up a large part of their living in the shape of bugs and green food, but in winter they are dependent on outside help for all they eat.

The leaves are commencing to fall and should be gathered for the comfort of the hens during the winter. There is nothing better than dry leaves to use as a litter in the poultry house. It is fine in which to throw grains for the fowls to scratch in and it makes the poultry house floor much warmer when it has five or six inches of leaves on it.

Skim milk or sour milk or milk in any condition is a most excellent drink for poultry. It is meat and drink both. Some of the finest chickens we ever saw were raised upon the free use of milk with their food. Hens lay as well or better when furnished with this than upon any known article fed them. There are in milk certain properties or constituents not unlike the white or albumen of eggs, and these assist in forming eggs in the fowl, if fed to them seasonably.

There are very few poultrymen who have ever tried the experiment of feeding oats to poultry in large quantities, say at least three-fourths of oats to one-fourth of all other grains, yet occasionally we find one who has done so. During the state fair a poultryman told us he had been feeding oats almost exclusively to his fowls and found it economical and healthy and productive of large quantities of eggs. We have always been an advocate of oats as a feed for laying hens, but have advised soaking them in warm water over night and feeding the following morning. This does away with the danger of the hens getting crop bound as they might do by eating too many oats, the husks being especially hard on a chicken's crop. Where farmers raise lots of oats, no better feed can be given to his laying hens and it will be found to be much cheaper than any other kind of grain.

Building a Poultry House.

This subject is discussed at the outset because it is the natural beginning of a poultry enterprise. Perhaps many people would start with the purchase of the breed, and then build the house, but if we study the breeds carefully while we are building our house, we will have time to become more familiar with them and know more about how to care for them when the house is finished.

The first thing to consider before building the poultry house is the selection of a site. The site should combine several features. It should be convenient and in sight of the dwelling; it should be located on elevated ground and if possible on land sloping to the south. By having the house located close to the dwelling there is less danger of chicken thieves and a saving of steps in doing the necessary work. Hawks, crows and other animals will rarely venture close to a dwelling, especially if some one is occasionally about the yard. The house should be located on elevated ground so as to secure good air drainage and a warm, dry house. Dampness is fatal to fowls and a house located in a damp place will always have its quota of roopy hens. A southern exposure is usually warmer than a northern one and tends to make the house more cheerful during the short winter days. In all cases the house should face the south. If this is impossible a southeast exposure is preferable to southwest.

SIZE OF HOUSE.

How large shall the house be? The answer to this question will depend upon the size of the flock. For an ordinary farm flock of 200 hens, a house 20 by 30 will be adequate. This will allow each hen 3 square

feet of floor space. If we build the house smaller, we will have to allow a larger area per hen as the entire area over which the fowls may roam will be restricted. Utility poultry or poultry kept primarily for eggs will not require the room that fancy poultry should have. For a person starting in the business a flock of 35 hens and two male birds will be sufficient. This will require a house of 10 by 12, or if it is desired to build a house which will accommodate additional fowls later, it may be made 12 feet square. With a flock of 35 hens as a unit we will take up the building of the house. It is usually a wise policy to plan out the entire house before a stroke of work is done.

FOUNDATION AND FLOOR.

The foundation and floor will naturally be the first consideration. This should be of concrete as it is the cheapest and most lasting material. It will not rot out and will make the house rat proof. Rats are not always given the thought they deserve in building houses but when we consider the fact that rats can consume as much feed from a hopper at night as the hens eat during the day, it is a wise precaution to guard against them. Money spent in a concrete foundation and floor is always a good investment. The foundation should be 6 inches thick and 18 inches deep. A mixture of one part cement, three parts sand and six parts gravel or stone will make a substantial foundation. The floor need only be 3 inches thick providing a layer of stone or gravel is placed below it to prevent water from seeping up to the floor and making it damp. A 1 and 4 mixture of cement and sand is strong enough for the floor. Many people object to the concrete floor claiming it cold. This objection may be entirely overcome by the use of a deep litter of straw. A concrete floor will often pay for itself the first year by keeping the fowls in a healthy condition. It has the added advantage of being easy to clean. The dampness and filth of a dirt floor will cause sufficient loss from roup and other diseases in the course of a year to pay for the cement floor.

WALLS AND ROOF.

The shed roof type of house is usually cheaper, owing to the ease of construction. However, this type can not be used with a house deeper than 16 feet. For a house 10 by 12, the upright supports and sills should be made of 2 by 4 rough material and the rafters of 2 by 5 material. The height in front from floor to sill should be 8 feet and the rear wall 5 feet. The front wall should contain a cloth curtain 4 feet by 6 feet 8 inches built 3 feet above the floor. This curtain, which is made of unbleached muslin tacked to a frame made of 1 inch by 33 inch material should be hinged, to swing upward and hook to the ceiling. The window adjoining is made with a double sash, each sash containing 9 panes each 8 by 10 inches. This should be hinged to swing inward on one side, preferably to either end. Directly under the window an opening 8 by 12 inches should be left for the fowls to go in and out of the house. The door may be placed in front to correspond with the window or it may be put at either end. Matched lumber is the most satisfactory for making a tight wall but it is also the most expensive. Unmatched lumber covered with a layer of building paper and good roofing paper will still be cheaper than matched lumber, and from results obtained is just as satisfactory.

INTERIOR ARRANGEMENT.

The perches and drop board should be located in the rear of the house. The drop board which is 40 inches wide and 12 feet long should be constructed of matched lumber and built 4 feet above the floor. Three perches 10 inches apart and 9½ feet long will accommodate all the fowls. If these are fastened to a 2 by 4 and hinged to the rear wall they can be raised, and thus facilitate in cleaning the drop board. Directly under the drop board is a good place for the nests. These should be at least 14 by 14 by

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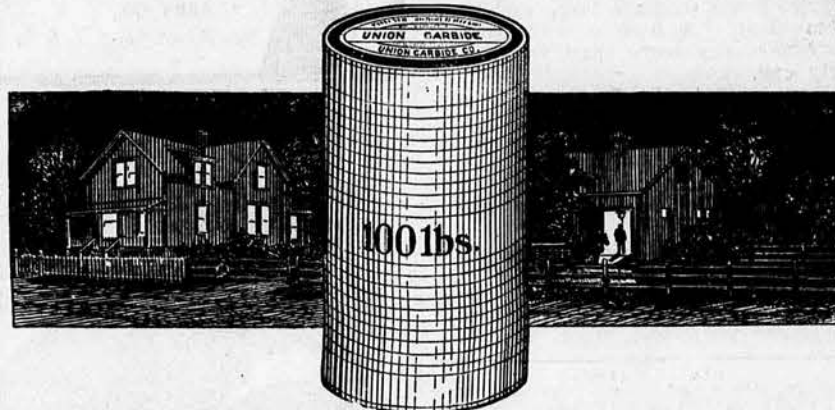
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12 inches and may be made with a hinged door in front and open at the rear so that the fowls can enter and leave the nests at will. The door will be found convenient in gathering the eggs. Many poultrymen have found it an advantage to have the nests, perches and drop board detachable so that they can be easily cleaned and disinfected. There will still remain 2½ feet at the end of the perches which may be utilized for a coop in which to put broody hens or surplus cockerels. A small platform, built at the opposite end of the house from the door, about 18 inches above the floor will aid in keeping the water clean. Other feeding appliances will be discussed in a succeeding article.

For those who contemplate building the following dimensions will be found convenient:

Length of house 12 feet. Width of house 10 feet. Height in front 8 feet. Height in rear 5 feet. Window 5 feet 8 inches by 2 feet 6 inches. Cloth curtain 4 feet by 6 feet 8 inches. Height of bottom of window above floor 1 foot. Height of bottom of cloth curtain above floor 2 feet 8 inches. Height of door 6 feet 4 inches. Bottom of door 4 inches above floor. Top of window, curtain and door 1 foot below sills. Height of drop board 4 feet. Height of perches above drop board 4 inches. Height of platform for water pan 18 inches. Size of platform 18 inches by 24 inches. Size of runway 8 inches by 12 inches.

A few don'ts applied in building a house may mean dollars in profits later.

Build the house high and dry. Dampness and filth are the chief contributors to poultry diseases. Don't shut out the sunlight and fresh air. Open the window and curtain.

Build nests that are large and keep them clean. A hen doesn't like a dirty nest any more than you like a dirty egg.

Cleanliness is the first step to success. More failures may be traced to disease than to any other cause. Dirty houses mean disease.

A good roofing paper should last several years. Don't buy a cheap grade.

Don't economize on a cement floor. Practice economy elsewhere.

Paint the exposed woodwork. It will add to the lasting qualities of the house.—F. S. Jacoby, K. S. A. C.

FIELD NOTES.

Joseph Miller and Sons of Grainger, Mo., will hold a reduction sale, Thursday, November 3, on which date a draft of 44 head of Shorthorn cattle of the richest breeding will be offered. This sale will include 23 heifers, sired by the celebrated Crabstone and bred to show bull, Flower Knight. Also 10 head of young bulls, bred mostly from Flower Knight and one imported Crabstone, a show calf. Write for catalog and mention Kansas Farmer when you write. See ad in Kansas Farmer.

J. Q. Edwards, of Hillwood Stock Farm, Platt City, Mo., is a new advertiser in the Kansas Farmer. In 1905 Mr. Edwards established his herd of Hampshire hogs and by care and attention has succeeded in building up a herd of prize winners. This herd was started by Lady Platte No. 1054, first herd boar Duke of Tina No. 1027, bred by W. S. Munson. Second herd boar General Ed No. 1161. Third, Munson's Duke No. 1327. Herd now headed by the celebrated boar Erlanger No. 1039, bred by J. M. Cravens of Florence, Ky., and a prize winner in 1908 at Illinois, Ohio and Indiana state fairs. Mr. Edwards' herd contains a large number of choice individuals, of both sexes, ready for sale. Letters of inquiry will receive prompt attention.

Perhaps no herd of Red Polled cattle is better known than that owned by the late Charles Foster & Son of Eldorado, Kan. This herd was established many years ago and has done its share towards making the merits of this excellent breed known and appreciated. This herd is now owned by C. E. Foster, who continues the business of the old first herd who brings to it the experience of a lifetime. He has grown up in his familiarity with the Red Polled and there is probably no man in the business who knows more about them. He not only breeds them right, but he buys right when new blood is needed. Along with his other experiences Mr. Foster has had a long experience in fitting and showing, and this famous herd has undoubtedly fallen into good hands. Our readers will please note hereafter that the herd is owned and managed by C. E. Foster instead of Charles Foster & Son, but remains the same herd.

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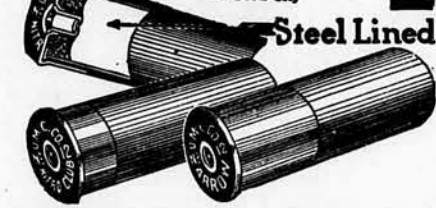
Winners of every Interstate Handicap for two years straight. A record never equalled by any other ammunition. The winning amateurs in these 10 Interstate handicaps chose Arrow and Nitro Club shells.

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"Game Laws 1910" mailed free.

The Union Metallic Cartridge Company
Agency: 299 Broadway,
New York City



Steel Lined

(Continued from page 5.)
son on Royal Chief; 6th, Nevius on Forest Knight; 7th, Tiller on Pleasant Hill Master.
Two-year-old bulls—1st, White & Smith on Ringmaster; 2d, Johnson on Selection; 3d, Harding on Sultan Mine; 4th, Stanton on Oakland Star; 5th, Hall on Hollywood Stamp; 6th, Elmendorf on Elmendorf Marshal; 7th, Tomson & Sons on St. Clair; 8th, Brown on Modern Scotchman.
Senior yearling bulls—1st, Johnson on Roan Sultan; 2d, White & Smith on Primrose Knight; 3d, Stunkel on Imperial Victor.

Junior yearling bulls—1st, Saunders on True Cumberland; 2d, Harding on Fond Memory; 3d, White on Hampton's King; 4th, Carpenter & Ross on Lancaster Dale; 5th, Bellows Bros. on Emerson; 6th, Stodder on Choice Archer; 7th, Forbes on Maxwellton Albino; 8th, Leonard & Son on Rejected Count.

Senior bull calves—1st, Saunders on Royal Cumberland; 2d, Harding on Sultan's Stamp; 3d, Carpenter & Ross on Count Avon; 4th, Hanna on Village Rustic; 5th, Elmendorf on His Lordship; 6th, Tomson & Sons on Royal Helr; 7th, Carpenter & Ross on Pride of the Dales; 8th, Rees on Silver Goods.

Junior bull calves—1st, Carpenter & Ross on Dale's Crown; 2d, Harding on Sultan's Calculator; 3d, Saunders on Royal Cumberland; 4th, Harding on First Fashion; 5th, Nevius on Prince Valentine; 6th, Johnson & Son on The Marshall; 7th, Rees on True Blood; 8th, Johnson & Son on Glenbrook Marquis.

Aged cows—1st, Stanton on Mina Princess; 2d, Johnson on Duchess of Lancaster; 3d, White & Smith on Dorothea; 4th, Nevius on Charming Rose; 5th, Elmendorf Farm on Mississippi Rose; 6th, Tomson & Sons on Archer's Liliac; 7th, Johnson on Village Maid; 8th, Hall on Choice Princess.

Two-year-old heifers—1st, Stanton on Susan Cumberland; 2d, Johnson on Imp. Fair Start; 3d, Stanton on Sultan's Mayflower; 4th, Carpenter & Ross on Dale's Gift; 5th, Harding on Royal Lily; 6th, Clarke on Dorothea; 7th, Elmendorf on Rose of Elmendorf; 8th, Carpenter & Ross on Maxwellton Gloster.

Senior yearling heifers—1st, Elmendorf on Rose of Strathallen; 2d, Carpenter & Ross on Dale's Gift; 3d, Johnson on Mandolin; 4th, Stanton on Spring Grove Butterfly; 5th, Stanton on Flower Girl; 6th, White & Smith on Gloster Queen; 7th, Harding on Calcalonia; 8th, Carpenter & Ross on Butterfly.

Junior yearling heifers—1st, Tomson & Sons on New Year's Delight; 2d, Saunders on Minnie; 3d, White & Smith on Sparkling Gem; 4th, Hanna on Flower Girl; 5th, Tomson & Sons on Happy Lass; 6th, Hall on Countess Hallwood; 7th, Harding on Anoka Gloster; 8th, Johnson on Mary Ann of Oakland.

Senior heifer calves—1st, Johnson on Mary Anne Oakland; 2d, Stanton on Phyllis; 3d, Rees on Violet Goods; 4th, Hanna on Lady Mysie; 5th, Harding on Sultan's Venus; 6th, Saunders on Scottish Cumberland; 7th, White on Hampton Duchess; 8th, Harding on Sultan's Fancy.

Junior heifer calves—1st, Harding on Sultan's Aconite; 2d, Rees on Sittytown Goods; 3d, Saunders on Mildred Show Ball; 4th, Johnson & Son on Orange Lady; 5th, Hanna on Butterfly Queen; 6th, Elmendorf Farm on King's Daughter; 7th, Harding on Fanny Fashion; 8th, Carpenter & Ross on Maxwellton Augusta.

Senior champion bull—White & Smith on Ringmaster.
Junior champion bull—Johnson & Son on Roan Sultan.

Grand champion bull—White & Smith on Ringmaster.
Senior champion cow—Stanton on Susan Cumberland.

Junior champion heifer—Tomson & Sons on New Year's Delight.
Grand champion cow—Tomson & Sons on New Year's Delight.

Aged herds—1st, Johnson; 2d, Stanton; 3d, White & Smith; 4th, Carpenter & Ross; 5th, Elmendorf Farm.

Get of sire—1st, Johnson on Glenbrook Sultan; 2d, Saunders on Cumberland's Black; 3d, Harding on Whitehall Sultan; 4th, White & Smith on March Knight; 5th, Carpenter & Ross on Vendolade.

Shorthorn Fat Steers—Pure Bred.
Aged steer—1st, K. S. A. C. on Purity; 2d, K. S. A. C. on Tony; 3d, Carpenter & Ross on Rosebud.

Yearling steers—1st, K. S. A. C. on Benefactor; 2d, Harding on Red Wonder; 3d, Carpenter & Ross on Roan Billy.

Steer calves—1st, Johnson on White Baron; 2d, K. S. A. C. on Orange Dale; 3d, Carpenter & Ross on Sunny Jim; 4th, K. S. A. C. on Bampton; 5th, Harding on Richard; 6th, Johnson on Linden Baron.

Champion steer—K. S. A. C. on Benefactor.
Steer herd—1st, K. S. A. C.; 2d, Harding; 3d, Carpenter & Ross.

Shorthorns—Fat Steers.
(Grades and Crosses).

Aged steers—1st, Carpenter & Ross on Red King; 2d, Kansas College on M. D.; 3d, Peak & Saunders on Mike.

Yearling steers—1st, Carpenter & Ross on Glorious Choice; 2d, Peak & Saunders on Dick; 3d, White & Smith on Mac.

Steer calves—1st, White & Smith on Sandy; 2d, Carpenter & Ross on Roan Jim; 3d, White on Jack.

Groups—1st, Carpenter & Ross; 2d, White & Smith; 3d, Peak & Saunders.
Champion steer—Carpenter & Ross on Red King.

Aberdeen Angus.
Exhibitors—O. V. Battles, Maquoketa, Ia.; A. C. Binnie & Son, Alta, Ia.; Omer Catterson & Son, Maryville, Mo.; Paul M. Culver, Edgerton, Mo.; T. R. Culver, Garnett, Kan.; Escher & Ryan, Irwin, Ia.; R. F. & W. M. Fantz, Pleasant Hill, Mo.; Harrison & Harrison, Indianola, Neb.; W. A. Holt, Savannah, Mo.; George Kitchen, Jr., Gower, Mo.; M. D. Korns, Hartwick, Ia.; Kansas State Agricultural College, Manhattan, Kan.; W. A. McHenry, Denison, Ia.; McLachlan Bros. & Johnson, Estill, Mo.; C. D. McPherson, Fairfield, Ia.; Phillip C. McDonald, Princeton, Mo.; W. J. Miller, Newton, Ia.; J. & W. Mobley, Mt. Sterling, Ill.; Parker Parrish & Co., Hudson, Kan.; James Rhodes, Bethany, Ill.; Marion C. Stone, Milan, Mo.; Charles E. Sutton, Lawrence, Kan.; University of Missouri, University of Nebraska.

Judge—H. J. Hess, Waterloo, Ia.
Aged bulls—1st, Battles on Oakville Quiet Lad; 2d, Miller on Ernest; 3d, Binnie on Peter Sterling; 4th, Harrison & Harrison on Enig; 5th, Parrish on Violet's Best Blood; 6th, Sutton on Champion Ito; 7th, Fantz on Captain King; 8th, Miller on Erica Chief.

Two-year-old bulls—1st and 2d, McHenry on Quality Prince and Prism; 3d, Catterson on Oakville Black Dean; 4th, Battles on Thickset Blackbird; 5th, Korns on Walnut Dell Erie; 6th, Kitchen on Keylex; 7th, Sutton on Rutger Erebus; 8th, Mobley on Badger of Meadow View.

Senior yearling bulls—1st, Korns on Heatherbloom King; 2d, Catterson & Son on Queen's Quality Lad; 3d, Mobley on Young Woodlawn; 4th, Rhodes on Rock Valley Patron; 5th, Fantz on Bobbie of the Oaks.

Junior yearling bulls—1st, McHenry on Queen's Clansman; 2d, Battles on St.

Blaise; 3d, Binnie & Son on Proud Elmar; 4th, Culver on Mindon of View Point; 5th, Sutton on Rutger Erebus; 6th, Sutton on Champion Kansas; 7th, Parrish & Co. on Jilt's 11th Envoy; 8th, Mobley on Sycamore Pride 2d.

Senior bull calves—1st, McHenry on Protime; 2d, Culver on Mindon of View Point; 3d, 3d, McLachlan Bros. & Johnson on Lord Roberts; 4th, Catterson & Son on Queen's Quality Lad; 5th, Kitchen on Vinton Pike; 6th, Binnie & Son on Black Elmar; 7th, Mobley on Sycamore Ben; 8th, McLachlan Bros. & Johnson on Glen Avon Pride Lad.

Junior bull calves—1st, Binnie & Son on Peter Pan of Alta; 2d, Battle on Black King of Rosemere; 3d, Parrish & Co. on Standpat; 4th, McLachlan Bros. & Johnson on Glen Avon Queen's Lad; 5th, McLachlan Bros. & Johnson on Glen Avon Empress; 6th, Harrison & Harrison on Alta King; 7th, Parrish & Co. on Insurgent Envoy; 8th, Miller on Snowflake's Kilburn.

Aged cow—1st, McHenry on Barbara McHenry; 2d, Miller on Ethelda D.; 3d, Miller on Snowflake's Queen; 4th, Korns on Queen Milly of Sundance; 5th, Battles on Gaylawn Bonnie Lass; 6th, Sutton on Rutger Heatherbloom; 7th, Rhodes on Coquette K.; 8th, Binnie & Son on Proud Preston Lassie.

Two-year-old heifers—1st, McHenry on Pride McHenry; 2d, Battles on Black Elleen; 3d, McHenry on McHenry 72d; 4th, Binnie on Pride of Alta; 5th, Miller on Metz Beauty; 6th, Korns on Woodlawn May; 7th, Catterton on Maplehurst Coquette; 8th, Parker Parrish & Co. on Sunflower Kittle; 9th, Coquette.

Senior yearling heifers—1st, Miller on Barbara Woodson; 2d, Catterton on Miss Quality; 3d, Binnie on Even Lass; 4th, Korns on Walnut Grove Tura; 5th, McHenry on Blackbird McHenry; 6th, Catterton on Queen of Maplehurst; 7th, Korns on Alice of Hartwick; 8th, Miller on Metz Blackbird.

Junior yearling heifers—1st, McHenry on Pride of Alta; 2d, Binnie on Elleen of Alta; 3d, Battles on Thick Set Myra; 4th, Battles on Glemmere Irene; 5th, Culver on Key of Heather; 6th, Korns on Walnut Grove Queenette; 7th, Battles on Evelyn Blackbird; 8th, Miller on Snowflake's Queen.

Senior heifer calf—1st, McHenry on Blackcap McHenry; 2d, Parrish & Co. on Sunflower Jilt Envoy; 3d, Binnie on Abess of Alta; 4th, Battles on Queen of Rosemere; 5th, Korns on Dixie of View Point; 6th, Culver on Queen of Woodlawn; 7th, Catterton on Queen Orrell; 8th, Catterton on Queen of Maplehurst.

Junior heifer calves—1st, Binnie on Elleen of Alta; 2d, Battles on Barbara of Rosemere; 3d, Parrish & Co. on Sunflower Kittle Hale; 4th, McHenry on Blackcap McHenry; 5th, Kitchen on Baden Pride; 6th, Catterton on Miss Quality; 7th, Miller on Metz Beauty; 8th, Sutton on Wakarusa Jilt; 9th, Catterton on Queen of Maplehurst.

Senior and grand champion bull—Battles on Oakville Quiet Lad.
Junior champion bull—Korns on Heather Bloom King.

Senior and grand champion cow—McHenry on Barbara McHenry 24th.
Junior champion cow—Miller on Barbara Woodson.

Aged herds—1st, McHenry; 2d, Miller; 3d, Battles; 4th, Korns.
Young herd—1st, Binnie; 2d, Battles; 3d, McHenry; 4th, Catterton.

Grade Aberdeen Angus—Fat Stock.
Yearlings—1st and 2d, Miller on Victor and Jerry; 2d, University of Missouri on Proud Robert; 4th, University of Nebraska on Fancy Robert; 3d, Miller on Sir George and unnamed; 2d, Sutton on Booster Ito; 4th, McPherson on Irishman.

Groups—1st and 2d, Miller; 3d, Sutton; 4th, McPherson.
Champion steer, grades and pure-breds competing—K. S. A. C. on Symbolier.

Angus Fat Stock.
Aged steers—1st, Kansas State Agricultural College on Symbolier; 2d, University of Nebraska on Black Diamond; 3d, Kansas State Agricultural College on Queen's Prince; 4th, Miller on Proud Blackcap.

Yearlings—1st, University of Nebraska on Black Boy; 2d, Escher & Ryan on Earl King; 3d, University of Missouri on Lach.

(Continued on page 13.)

KENDALL'S SPAVIN CURE
"ONLY SURE REMEDY"
Gadsden, Ala., Apr. 26, 1909
Dr. B. J. Kendall Co.
Gentlemen: Please send me copy of your TREATISE. I have been using your Spavin Cure for 20 years, and find it is the only sure remedy. It is the best I have ever used for horses and men.
That tells the whole story, and it is the experience that hundreds of thousands have had in the past 40 years, and it is the experience you will have—"It is the only sure remedy."
For Spavin, Ringbone, Gurb, Splint, Swellings and All Lameness
Sold by Druggists—\$1.00 a Bottle, 5 bottles for \$5.00. Keep it on hand always. Be ready for the emergency. Kendall's stops the pain, starts the circulation, penetrates and removes the cause of the disorder. Ask for a free copy of "A Treatise on the Horse." If not at dealers write to—
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THE FARM



It is not the monkey that comes nearest to man, but the chigger.

The chicken is probably the oldest domestic animal. Their remains have been found among the ruins of the Swiss lake dwellings and elsewhere in the Neolithic age where they lived and thrived ages before Abraham.

Farmers in the vicinity of Topeka are cutting the fifth crop of alfalfa with a fine record of yield for the year though one crop was cut short by the hot spell. If there is any crop that will beat alfalfa it will have to go some.

In laying plans for next year why not set aside an acre or so for experimental purposes? A test of a new crop or of new varieties made on the farm would not only pay for itself in its educational value, but would serve the purpose of growing one's own seed while testing it.

How about building an ice house this fall? It will not cost a whole lot of money or time to do it and the results will add a new comfort and pleasure in farm life as well as a profit making proposition for the care of milk and other perishable farm products.

In a recent suit by the government against a railroad for cutting timber on government land the jury awarded damages both for the timber that had been cut and used and for the destruction of young timber growth. This is the first time in any legal action brought by the government that a jury has recognized the "expectation value" of young timber growth.

Ever think how much real money you lose each year through the activities of the pocket gopher? The only way to save this money loss seems to be to kill the gopher and the sooner this is done the sooner the saving begins. The gopher is not hard to kill if you know how, and this know how has been provided by the Agricultural College. Ask them.

Soil Mulches.

A mulch is anything applied to the surface of the soil, primarily for the purpose of preventing evaporation, and occasionally to keep down weeds and prevent winter killing of plants.

There are two general kinds of mulches: (1) Foreign material, such as straw, leaves, sawdust, manure, stubble and sand applied to the surface; (2) Those composed of natural soil modified by tillage. One of this kind is called "dust mulch" or "dust blanket" and is simply a layer of soil which has been loosened up and dried out, explains Professor Freer of the Colorado Agricultural College.

Mulches of foreign material play a very small part in general farming, but are extensively used in horticulture in some localities.

The principle of the mulch is as follows: Loose, dry material covering wet soil retards the movement of water to the surface, and keeps the dry, circulating air from contact with the moist soil, thereby greatly reducing the loss of water.

The finer the mulch the looser it must be to give good results. Ordinary soil mulches two to three inches deep are usually most effective. When a mulch becomes wet its effectiveness is gone until it is dried out again.

Light rains and irrigations on a mulched soil are worse than no application of water, because they only wet and destroy the mulch and allow the water from below to escape, without adding any to replace it. Additional expense is incurred by the cultivation which must be immediately started to restore the mulch.

A quantity of water retained by cultivation is of far greater value even where water is plentiful than the same amount applied to the soil. One of the great principles of dry farming is to keep a good mulch on the soil all the time to prevent loss of water by evaporation.

Driving Out the Chinch Bugs.

Can the farmers of Kansas, by following the advice of experts, rid the state of chinch bugs? T. J. Headlee, professor of entomology at the Kansas State Agricultural College, who knows as much or more than any one else of these pests and their history, says the farmers can do it. Contrary to the accepted idea of the general public, the chinch bugs are said to have done more damage this year to corn than to wheat. This is because the small brood appears first in the spring wheat and later in the summer changes its habitation and activities to the adjoining corn fields. No one knows exactly what damage has been done to the corn and wheat, but it is accepted as a fact among those who have studied the situation carefully, that the corn received the brunt of the attack.

In the last two summers the chinch bugs have done large damage to corn throughout the central part of the state from the north to south, especially in that part devoted to wheat and corn. This, investigation shows, is because growing the two grains together is conducive to every condition suitable to the growth of the chinch bug. The damage became progressively heavier in both years, 1909 and 1910, as the investigation proceeded from north to south, most damage being in the central counties. A condition that caused much damage to corn in the central part of the state this year was due to listing many wheat fields to corn. This listing became necessary when wheat failed and corn took its place.

The Kansas State Agricultural College, through its department of entomology, has done about everything that a college could do in helping to drive out the chinch bugs, Hessian fly and other insects. Professor Headlee and his assistants have given clear and concise lectures and directions to the farmers; press bulletins and pamphlets have been issued, at the expense of the state, describing methods of destroying these insects, such directions applying to winter and summer treatment. One or two men have been kept in the field always in the worst parts of the infested districts. This was done from before harvest last year to the present. The man so assigned traveled almost continually from one part to the other of the section where his services were needed. For instance, this agent spent several months last winter working against the chinch bugs on farms in Sumner county; and, during the passing of the bugs from the wheat fields to the adjoining corn fields this summer, experimenting and demonstrating chiefly in Harper county.

It is planned to take a large farm in one township and a second area of several square miles in a badly infested district, and by every practicable means known try to prevent these areas from suffering next season from the chinch bug and to discover if, from measures now known and to be devised, the farmers by working together can prevent chinch bug damage to crops.

Professor Headlee intends to kill chinch bugs this winter by burning them in their winter quarters. Those that the fire does not destroy will, he believes, die of exposure to the weather. By this method it is believed that the passing of the chinch bug from one field to the other will be prevented.

There are experts who insist that common action by the farmers for cleanliness in fields and buildings and along the roadways and the prompt burning of wheat straw and corn stalks, unless used by the farmers for other purposes, would in a short time completely eradicate the chinch bug. One dirty farm, it is said, can infest an entire county, and that means the state.

At Hays, where the state has 3,500 acres, burning will begin next month in the area attacked by the chinch bug.



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THIS COUPON sent with \$1.75 for the 1911 Volume of The Youth's Companion entitles the new subscriber to all this year's November and December issues from the time the subscription is received, including the Thanksgiving and Christmas Numbers and The Companion's Art Calendar for 1911, lithographed in twelve colors and gold. (An extra copy of the Calendar is sent to the donor of a Gift Subscription.) All in addition to The Companion for the fifty-two weeks of 1911—a treasury of reading that would cost \$40.00 in book form.

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THE YOUTH'S COMPANION, BOSTON, MASS.

INSIDE INFORMATION
Owing to the high price of cotton a great many overalls are now being made of light weight, inferior materials. In

FITZ OVERALLS
you get the same cloth, careful workmanship and size you did two years ago. Do not accept any garment just as good. Insist on Fitz's.

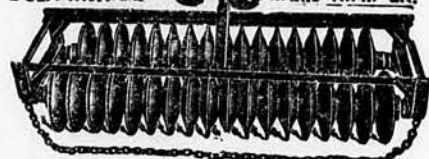
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This is a Genuine offer to lamp users, made to introduce the Wonder Incandescent 100-Candle Power Kerosene Oil Lamp in every locality. Many times brighter, cheaper and safer than Gasoline, Electricity or ordinary lamps for lighting homes, offices, stores, halls and churches. We ask that you show it to your neighbors. If you accept the proposition we will send you, we will give you a lamp FREE. Send your name and name of nearest express office.

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Largest Lamp House in America
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Circle 10. The Peterson Mfg. Co. Kent, Ohio.

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GOOD WHEELS

MAKE A GOOD WAGON Unless a wagon has good wheels it is useless.

THE ELECTRIC WHEELS are good wheels and they make a wagon last indefinitely. They are made high or low, any width of tire, to fit any skid. They can't get loose, rot or break down. They last always. Catalog free.

Electric Wheel Co., Box 34, Quincy, Ill.

FENCE STRONGEST MADE

on-tight. Sold to the user at Wholesale Prices. We Pay Freight. Catalogue free.

COILED SPRING FENCE CO., Box 255 Winchester, Indiana.

STEEL WIND MILLS \$12.75

STEEL STOCK TANKS 2.70
Buy from Factory. Catalog Free.
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SHIP YOUR HIDES & FURS

direct to E. W. Biggs & Co. 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.)

E. W. BIGGS & CO.
1444 W. 9th St., Kansas City, Mo.
Largest hide and fur house in Southwest. Estab. 1882

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 FOUNDRY & MACHINE CO., Topeka, Kansas.

FOR DRY FARMING

The Western Branch State Normal School.

(Continued from page 5.)

folding, cardboard construction work, weaving and paper cutting. All such work is found to be advantageous in developing carefulness, neatness, accuracy and attention, as well as in creating a general interest in all the work of the school. Only one period per day can be given to these various lines, which are generally considered as apart from the regular school subjects, yet in the course of a year much may be accomplished.

"At all times pupils are encouraged to keep eyes, ears and mind open and attuned to receive lessons of beauty and utility which nature herself is ever ready to give, and to understand that the 'beautiful is as useful as the useful and that the useful is as beautiful as the beautiful.' To this end, various observations and records concerning the manifestations of nature, which are easily ascertained by all, are made from time to time. To assist in this a cabinet is maintained which contains many things of interest from the animal, vegetable and



PRESIDENT W. S. PICKEN.

mineral kingdoms and from both land and water. Pupils make frequent additions to the cabinet and from it articles are often taken to enliven some recitation or to illumine some topic.

"Elementary agriculture has a place on the program also, and is a favorite subject with all. A school garden gives an opportunity to put into practice some of the theories and teachings of the text-book. No matter what faults the Squeers methods possess, Squeers was not far wrong in his theory that pupils should put the information gained into practical use. The school garden gives the opportunity to do this."

But while the Model District School is doing and will continue to do most helpful work in aid of the rural schools of western Kansas, the Normal School has a larger share to accomplish in making rural educational leaders. Upon its campus will some day be in operation a Model Agricultural High School of the type foreshadowed in the Dolliver-Davis bill now pending in Congress; here teachers trained in agricultural high school special education will have a field for practice teaching to supplement the broad training in agriculture that the school is so well fitted to give. With unlimited fertile land at its disposal, situated beside the largest experiment station in this country, no Normal School in America is so well placed to assume a commanding position in the field of agricultural pedagogy. The problem of rural education is to be completely solved in the no distant future and the Western Branch State Normal School considers its highest destiny in the direction of contributing in part to this solution.

Down in Texas there was imported about 60 head of sacred cattle from India. This was in 1906 and the beef breed progeny of these cattle are now said to number about 2,500 head and to be very popular. They are immune from Texas fever and the hump is bred off and these facts, together with their rustling ability, have given them a permanent place in southern Texas.

Do young pigs thrive better on soaked old corn or on new corn? Two farmers discussed this question the other day and took opposite sides as each said his experience proved he was right.

President Taft's Holstein cow has a record of 27 pounds of butter a week. Wonder if farmer Taft will keep her up to this record while she resides on the White House farm.

Raising Sugar Beets in Kansas.

(Continued from page 5.)

means of a hoe, leaving the plantlets in tufts about six inches apart. The blocking should be done with a hoe not more than five to five and one-half inches in width, in order to have the plants close enough together in the row to produce a good crop. This point is often overlooked by beet growers, and the result is that the beets are often too far apart, rendering it impossible to produce a crop as satisfactory as it would otherwise be. A perfect stand of beets should have approximately 40,000 plants to the acre. This is probably only theoretically possible, as some of the plants are sure to be injured or destroyed during the life of the plant through the various operations that are employed in cultivation, irrigation, etc. It should be possible, however, to have a stand of not less than 35,000 plants to the acre. It is readily seen that if these roots weigh on an average of one pound each when mature the yield will be seventeen and one-half tons to the acre. It not infrequently happens that the stand is often a little better than 35,000 plants to the acre, and frequently the roots will weigh more than one pound each. In this way the yield is increased to twenty tons or more per acre.

After the beets have been thinned they should be cultivated at frequent intervals, and should be hoed several times during the season in order to keep the fields entirely free from weeds. Weeds not only rob the beets of the plant food in the soil but draw out large quantities of moisture, thus robbing the beets of the moisture that they might otherwise have for their development and growth. The matter of the later irrigations of the beets is of prime importance in producing roots of desirable shape and size. If the beets have not been irrigated until they have been thinned and have become well established much has been done to insure a long beet which will later swell out and form a root which will give a satisfactory tonnage. The later irrigations should be by means of what is known as the furrow system, that is, furrows should be formed between the beet rows of such depth and size that the water will flow down these rows without flooding the crowns of the beets. In many fields where the ground is extremely level this is almost impossible but can be accomplished by placing the irrigation ditches close together and using considerable time and patience in directing the water down the furrows. The number of irrigations will depend upon the conditions of the soil, the kind of soil, and whether or not there is a subsoil capable of holding the moisture.

EDITOR KANSAS FARMER:—Would you state in the KANSAS FARMER the names of materials necessary for a waterproof paint for concrete? How many coats and how should they be applied? We have erected at our cemetery 4 gate posts 18 inches by 25 inches by 6 feet with ornamental caps, and want to prevent the rain from penetrating. Do you think it advisable?—Robt. P. Shulsky, Denton, Kan.

If the concrete posts have been properly made they will not need any paint for protection against rainfall. Besides, the application of paint to the posts after they are in place would only serve to disfigure them as the paint would peel and crumble in time and give them a very ugly appearance. There are methods of making concrete waterproof by mixing the ingredients with the mortar but none are so good as to use high quality of cement and mix it rich. Cement concrete is a beautiful building material and wonderfully lasting and the application of paint to a cement structure simply destroys its beauty without benefiting it any. My own cement posts have been standing about six years and they are larger than those mentioned. They need no paint and are handsomer now than when they were built.

LIVERY BARN

and stock for sale. Only barn in town.
O. W. FUEBORN,
Richmond, Kansas.

READERS MARKET PLACE

HELP WANTED MALE.

REPRESENTATIVES TO SELL COAL Oil and Gasoline at wholesale prices to farmers. Liberal commission. Address Kansas Farmer Oil Co., Chanute, Kan.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big-paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, 473 Marden Bldg., Washington, D. C.

HELP WANTED.

WANTED—LOCAL MEN TO TAKE ORDERS for high grade western grown nursery stock. Experience unnecessary. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

FARMS WANTED—DON'T PAY COMMISSIONS. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable property FREE. American Investment Association, 48 Palace, Minneapolis, Minn.

MEN WANTED, AGE 18 TO 35, FOR firemen \$100 monthly, and brakemen \$80, on all railroads. Experience unnecessary, no strike. Promotion to engineers, conductors. Railroad employing headquarters—over 500 men sent to positions monthly. State age; send stamp. Railway Association, Dept. 514, 227 Monroe Street, Brooklyn, N. Y.

WANTED—GOOD STRONG MAN AND wife without children to live in a handsome new 5 room house and work on a finely improved farm. The woman to cook meals for the other hands for pay, 113 miles south of Kansas City. Don't answer unless you are a good up-to-date farm hand. No attention without you give reference. Thos. D. Hubbard, Kimball, Kan.

LEARN WIRELESS & R. R. TELEGRAPHY! Shortage of fully 10,000 operators on account of 8-hour law and extensive "wireless" developments. We operate under direct supervision of Telegraph Officials and positively place all students, when qualified. Write for catalogue. Nat'l Telegraph Inst., Cincinnati, Philadelphia, Memphis, Davenport, Ia., Columbia, S. C., Portland, Ore., and Enid, Okla.

REAL ESTATE.

BUY OR TRADE WITH US, SEND FOR list. Bersie-Meredith, Eldorado, Kan.

CHOICE CORN AND ALFALFA FARMS, \$52 to \$90 per acre, terms. Write H. Mellor, Whitewater, Kan.

SAY! SEND FOR LIST OF GOOD FARMS for \$25 to \$80 per acre. Parker Land Co., Parker, Linn county, Kansas.

WE CAN SELL YOUR PROPERTY. Send description, Northwestern Business Agency, Minneapolis.

WE CAN TRADE YOUR PROPERTY—Book of 500 exchanges free. Graham Brothers, Eldorado, Kan.

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

FOR SALE—GOOD LEVEL LAND IN Stanton Co., Kan. Price \$8 to \$10 per acre, in tracts of 160 and 320 acres. Write Sherman Williams, Syracuse, Kan.

SAY! SEND FOR LIST OF GOOD farms for \$25 to \$60 per acre. Parker Land Co., Parker, Linn County, Kansas.

FOR SALE OR TRADE A STOCK OF general merchandise, invoice about \$9,000. Hudson Bros., Iuka, Kan.

FOR SALE OR TRADE—3 1/2 ACRES extra well improved in good location, adjoining Emporia. Will trade for suitable well improved farm in good location. Address E. R. Griffith, Emporia, Kan.

2 MILES FROM KANSAS STATE AGRICULTURAL College. Choice bottom tracts 5a, or more. One mile from Manhattan. Easy terms. A. M. Jordan, Owner, Route No. 4, Manhattan, Kan.

FOR SALE—MY 340-ACRE IMPROVED Rice Farm, 5 miles west of El Campo, Wharton Co., Tex. No. 1 farm and good location. Buy from owner and save commission. Address R. F. D. No. 2, Box 70, El Campo, Tex.

WANTED TO RENT FARM ON SHARES for term of years. Young married man, not afraid of work. References given. Care Kansas Farmer.

GREELY COUNTY, KANSAS; 160 ACRES; \$1,300, smooth, level, unimproved; \$500 down, balance easy terms. Clement L. Wilson, Tribune, Kan.

A REAL DAIRY FARM—160 ACRES, 2 miles of Ottawa, Kan. Nine room house, 2 barns for 50 head of cows and horses; fine land. Write at once. Whitaker Bros., Ottawa, Kan.

75 ACRES, 50 CULTIVATION, 15 PASTURE, 65 fenced, balance timbered, 3 acres orchard, 2 sets houses, good well water, all tillable, level, near town, \$1,000, easy terms, 150 acres bottom, 40 cultivation, \$1,500. Sessions, Winthrop, Ark.

OREGON INFORMATION—FOR AUTHENTIC detailed information concerning fruit growing, dairying, general farming, manufacturing and business opportunities in any part of Oregon, address Portland Commercial Club, Room 642, Portland, Ore.

80 A., 40 A. IN CULT., 2-ROOM HOUSE, new barn, smoke house and henhouse, clean and well. 1/4 mile to school, church and store. 70 a. lays level to gently rolling, no rock, good neighborhood. For quick sale \$10 per acre, terms on part. H. Crain, Prescott, Mo.

Classified Advertising 3 cents a word

Advertising "bargain counter." Thousands of people have surplus items or stock for sale—limited in amount or numbers hardly enough to justify extensive display advertising. Thousands of other people want to buy these same things. These intending buyers read the classified "ads"—looking for bargains. The "ads" are easy to find and easy to read. Your advertisement here reaches a quarter of a million readers for 3 cents per word, for one, two or three insertions. Four or more insertions, the rate is 2 1/2 cents per word. No "ads" taken for less than 30 cents. All "ads" set in uniform style, no display. Initials and numbers count as words. Address counted. Terms always cash with order. Use these classified columns for paying results.

WELL IMPROVED SIXTY-ACRE FARM across the road from school. Price \$2,800. Two fine, well improved Lyon county ranches. Send for list of lands. Hurley & Jennings, Emporia, Kan.

160 A. LAND FOR SALE BY OWNER, in Norton county, Kan. Well improved, all fenced and cross-fenced, 4-room house, new cement arched cellar, stable, granary, two henhouses, windmill and two tanks. Price \$4,000, half cash, balance on time. Chas. Zellmer, Prairie View, Kan.

WALLA WALLA, THE HOME OF AGRICULTURE—Destined to be the hub of the Great Northwest, climate is equable, no extremes, is exceptionally healthy, excellent school facilities, abundance of pure water. Thousands of fertile acres eager for development, prices reasonable, ten acres means independence. Write for free, illustrated booklet. N. Commercial Club, Walla Walla, Wash.

LAND IN TOWNSHIP TRACTS.

Have sold 80,000 acres in the past two weeks and still have 100,000 acres high class grazing land in Southern Wyoming. Prices \$1.90 to \$2.50 per acre in tracts of half township or more. Good terms.

LAND FOR STOCK GRAZING.

9,600 acres, good soil, gently rolling, 12 miles from Union Pacific Ry. Price \$1.90 per acre. Good terms.

LAND AND WATER FOR \$15

per acre. 915 acres, 1 mile from railroad and 4 miles from good town in the North Platte Valley, Southern Wyoming. Ample free water rights for 500 acres and plenty of free water available for balance of land. All level or gently rolling. Good house, barns, corrals, fences, etc. Owner has small portion in cultivation and raises 175 tons of hay. Write for particulars.

THE ARMSTRONG-WILLIAMS REALTY COMPANY, 825 17TH ST., DENVER, COLO.

HORSES AND MULES.

FOR SALE—THREE REGISTERED Percheron mares. One large dapple gray, dam of three colts sold for \$1,700—last weanling sold for \$300. She is a producer of stallions of great merit. Bred to imported stallion. One large black mare, 4 years old, sired by Claymont, brother of Casino, bred to Regent, Champion Percheron at Topeka state fair this year. The above mares have worked hard all season, are not fat, in harness every day. One black 18-month-old filly, will make a large mare. I have quit farming and will sell for less than their value. J. W. Ferguson, R. F. D. No. 1, Topeka, Kan.

HEDGE POSTS.

HEDGE POSTS FOR SALE IN CAR lots. W. H. Bitts, Melvern, Kansas.

CATTLE.

TWO HOLSTEIN - FRIESIAN BULL calves for sale. W. Surber, Peabody, Kan.

FOR SALE—TEN HIGH GRADE HOLSTEIN heifers and one registered Holstein bull. Ask for description. Albin Smercheck, Blue Rapids, Kan.

JERSEY BULL CALVES Sired by A son of Dorinda Darling 146249, who was 4th in the World's Fair test at St. Louis, prices reasonable. Mrs. L. C. French, R. D. No. 7, Marion, Kan.

HOLSTEIN HEIFERS—25 HEAD EXTRA fine 2 1/2 and 3 year old, heavy springers, many of them practically bull bloods. All are in calf to registered bulls. Tuberculin tested. Don't stop to write as they will not last long. Ira Roming, Sta. B, Topeka, Kan.

ALYSDALE SHORTHORNS—HERD headed by Archer's Victor No. 292012. For sale, a choice lot of richly bred yearling bulls, also some heifers and cows at prices easily within the reach of any farmer who wishes to improve his herd. Write or call on Chas. W. Merriam, Columbian Building, Topeka, Kan.

SHEEP.

SHROPSHIRE SHEEP, SPRING RAMS, of best of breeding and quality at reasonable prices for quick sales. E. P. Gifford, Beloit, Kan.

WANTED—ALFALFA, RED CLOVER, timothy, millet, cane, kaffir corn, and other seeds. Write to The Barteldes Seed Co., Lawrence, Kan.

HOGS.

FOR SALE—O. I. C. PIGS, EITHER SEX. O. T. Harlow, Route 1, Vesper, Kan.

FOR SALE NICE REGISTERED DUROC Jersey boars and gilts; spring farrow; good breeding. I. W. Poulton, Medora, Kan.

POULTRY.

BUFF ROCKS CHEAP. W. A. HILAND Culver, Kan.

BURBON RED TURKEYS AND R. Reds. Ernest Walden, Fayette, Mo.

YOUNG TOULOUSE GEESE AND GANDER 7 months old; weight 11 to 20 pounds; prices reasonable; they are not \$5 each. Write Mrs. E. C. James, Plankinton, S. D.

PURE BRED WHITE WYANDOTTE cockrels and pullets, \$1.00 each. Mrs. Harry S. Adams, Route 8, Wichita, Kan.

PURE BRED ROSE COMB WHITE LEGHORN cockerels. Jennie Martin, Route 5, Frankfort, Kansas.

LIGHT BRAHMS FOR SALE, ALSO M. B. turkey toms. Guaranteed stock. M. Lill Farm, Mt. Hope, Kan.

PURE GOLDEN WYANDOTTE COCKERELS for sale. Address A. B. Grant, Emporia, Kan.

R. C. BUFF WYANDOTTE COCKERELS 75c to \$2 each. Catherine Fraser, Haven, Kan.

WHITE WYANDOTTE BREEDING HENS \$1.50. Circulars free. B. B. Romig, Woodland, Mo.

BARGAINS—ON ACCOUNT ROOM, leading breeds blooded poultry, pigs, calves, sheep, cats, ferrets, dogs, hounds. Wanted, foxes. Captain Mason, Kirksville, Mo.

FINE BARRED ROCKS—GOOD LAYERS: farm range. Eggs \$1 for 15 or \$1.75 for 30, or \$5.00 per 100. Mrs. John Yowell, McPherson, Kan.

ROSE COMB BROWN LEGHORNS EXCLUSIVELY. Standard bred cockerels \$1 each if taken soon. Samuel Andrews, Kinsley, Kan.

NEOSHO POULTRY YARDS, RARE comb R. I. Reds. We are still doing business at the old stand. Some young stock for sale. J. W. Swartz, Americus, Kan.

DOGS.

FOX TERRIER PUPS FROM CHOICE ratters; males, \$2.50; females, \$1.50. A. D. Williams, Minneapolis, Kan.

SPECIAL PRICES ON SCOTCH COLLIE puppies. Sable and white and tri-color. From trained parents. Imported and American blood. We have the goods and propose to make prices to get the business. W. J. Honeyman, Madison, Kan.

FOR SALE—FINE BROWN AND black Spaniel puppies, "the children's friend." Fine house and watch dogs, also great playmates for children. Males \$10, females \$5. Also pedigree Berkshire pigs. Satisfaction guaranteed. Address Thordale Kennels, Wayne, Kan.

FIELD NOTES

FIELD MEN.

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

PURE BRED STOCK SALES.

Horses.

Percherons, Belgians and Shires.
Oct. 26—W. S. Corsa, Whitehall, Ill.
Oct. 27—W. H. Ritter, R. 4, Colfax, Ill.
Nov. 10—Sale at farm, J. C. Robinson, Topeka, Kan.
Nov. 15, 16—Lakewood Percherons, H. G. McMillan & Sons, Sioux City, Iowa.
Jan. 10, 11, 12, 13, 1911—Breeders' Sale Co., Bloomington, Ill.
Jan. 18—Chas. D. Knight, Oketo, Kan.
Feb. 28 and March 1, 2, 3, 1911—Breeders' Sale Co., Bloomington, Ill.

Shorthorns.

Nov. 3—Jos. Miller & Sons, Granger, Mo.
Nov. 15—J. E. Jones, Clyde, Kan.
June 6—C. S. Nevius, Chiles, Kan.

Jersey Cattle.

Nov. 3—Mrs. S. B. Thomas, St. Joseph, Mo.

Hereford Cattle.

Nov. 1—Sam'l Drybread, Elk City, Kan.
Nov. 10—T. I. Wooddall, Fall River, Kan.
Nov. 16—O. Harris, Harris, Mo.

Holstein Cattle.

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

O. I. C. Swine.

Feb. 16—Fantz Bros., Pleasant Hill, Mo.

Duroc-Jerseys.

Oct. 25—Leon Carter, Asherville, Kan.
Oct. 25—J. B. Davis, Fairview, Kan.
Oct. 26—F. H. Faggett, Beloit, Kan.
Oct. 27—W. E. Monasmith, Formosa, Kan.
Oct. 28—W. C. Whitney, Agra, Kan.
Oct. 28—W. C. Whitney, Lebanon, Kan.
Oct. 29—Rinehart & Son, Smith Center, Kan.
Oct. 31—White Bros., Buffalo, Kan.
Nov. 2—Sam'l Drybread, Elk City, Kan.
Nov. 2—Chapin & Nordstrom, Green, Kan.
Nov. 4—Chapin & Nordstrom, Green, Kan.
Nov. 15—J. L. Williams, Bellaire, Kan.
Nov. 16—E. F. Lout, Cherryvale, Kan.
Nov. 16—J. E. Jones, Clyde, Kan.
Nov. 19—Philip Albrecht, Smith Center, Kan.
Jan. 30—A. T. Cross, Guide Rock, Neb.

COLLIES—EXTRA CHOICE MALE puppies \$7.50 to \$10.00. One grown bitch, a beauty, \$12.50. Two four-month-old bitches, \$4.00 each. One litter of high grade males, \$4.00. Tecumseh Collie Kennels, Tecumseh, Neb.

FOR SALE—POINTERS, COLLIE AND White Esquimo puppies, Brockway Kennels, Baldwin, Kan.

SCOTCH COLLIES—PUFS 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.

HONEY.

NEW ALFALFA HONEY—TWO FIVE-gallon cans \$10.00. Broken combs, 70-lb. cans, \$7.00; fancy comb, \$3.25 per case; 24 sections No. 1 comb, \$3.00. R. A. Hopper, Rocky Ford, Colo.

SEEDS AND PLANTS.

FOR SALE—KHARKOF SEED WHEAT college bred, \$1.50 per bushel, sacked. J. A. Lovette, Mullinville, Kan.

ACETYLENE LIGHTING.

FOR PERFECT LIGHT USE THE "Brauer" acetylene generators for house, church and store installations. The "Beck Iden" acetylene lamps for table and hanging lamps both give perfect satisfaction. Henry E. Peers, State Agent, 1603 Western Ave., Topeka, Kan.

PATENTS.

SEND FOR FREE BOOKLETS—ALL about patents and their cost. Shepard & Campbell, 500 J. Victor Bldg., Washington, D. C.

MISCELLANEOUS.

NEW STEEL FIRE ESCAPE CHEAP. Write manager Opera House, Downs, Kan.

THE FUR WINNER—SPLENDID JOURNAL about trapping, raw furs, special crops, markets, 50c year. Sample free. Box 85, Pomeroy, Ohio.

"PERFUME GLOSS IN STARCH MAKES clothes white as snow, and leaves lasting Perfume of Fresh Azure Violets. Sample 4c. Agents wanted. SHIPMAN AGENCY, Dept. 8, Buffalo, N. Y.

INFORMATION NEVER BEFORE MADE public will enable you to safely increase your income at home on small capital. Invaluable during hard times. Mailed free. Cleaveland & Co., State Mutual Bldg., Boston, Mass.

FOR QUICK SALE—COMPLETE COURSE in advertising in International Correspondence School. I have taken a similar course for which I paid \$85 and I know I never got a bigger \$85 worth in my life. And I have spent considerable money, too. I got this complete course on a trade to help out another party, and will sell it for the same liberal discount for which I got it. The long winter evenings are coming on—the best time to work out such a course, and if taken hold of now will prove a most excellent investment to anyone who is sincerely looking for an easily available opportunity for self-improvement. Write me for full information and price, but don't wait until this snap is gone before writing. Address S. T. J., Box 142, Topeka, Kan.

Jan. 31—Ward Bros., Republic, Kan.
Feb. 1—W. E. Monasmith, Formosa, Kan.
Feb. 2—Thompson Bros., Garrison, Kan.
Feb. 2—G. P. Philippi, Esbon, Kan.
Feb. 3—Rinehart & Son, Smith Center, Kan.
Feb. 4—W. C. Whitney, Agra, Kan.
Feb. 6—J. L. Williams, Bellaire, Kan.
Feb. 8—O. A. Tuller, Pawnee City, Neb.
Feb. 9—Samuelson Bros., Cleburne, Kan.
Feb. 10—Samuelson Bros., Blaine, Kan.
Feb. 13—T. E. Goethe, Leonardville, Kan.
Feb. 14—Chapin & Nordstrom, Green, Kan.
Sale at Clay Center, Kan.
Feb. 15—Leon Carter, Asherville, Kan.
Feb. 16—W. T. Fitch, Minneapolis, Kan.
Feb. 17—L. E. Boyle, Lindsay, Kan.
Feb. 22—Philip Albrecht, Smith Center, Kan.
March 15—E. S. Davis, Meriden, Kan.

Poland Chinas.

Oct. 24—W. F. Fulton, Waterville, Kan.
Oct. 25—W. C. Singer, Hiawatha, Kan.
Oct. 26—W. R. Webb, Bendena, Kan.
Oct. 26—G. M. Hall, Garnett, Kan.
Oct. 27—E. A. Tripp & Son, Meriden, Kan.
Oct. 27—Walter Hildwein, Fairview, Kan.
Oct. 28—J. R. Berkey, Louisburg, Kan.
Nov. 1—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 1—H. B. Walter, Effingham, Kan.
Nov. 1—H. F. Pelphrey, Humboldt, Kan.
Nov. 2—J. W. Pelphrey, Chanute, Kan.
Nov. 2—Albert Smith & Sons, Superior, Neb.
Nov. 2—H. W. Griffith, Clay Center, Kan.
Nov. 2—R. J. Peckham, Pawnee City, Neb.
Nov. 3—The Mortons, Tampa, Kan.
Nov. 3—George W. Smith, Burchard, Neb.
Nov. 3—D. W. Evans, Fairview, Kan.
Nov. 4—W. A. & C. Z. Baker, Butler, Mo.
Nov. 4—G. W. McKay, Laredo, Mo.
Nov. 5—Fuller Bros., Humphreys, Mo.
Nov. 8—Poland China Boar Sale, W. B. Van Horn, Overbrook, Kan.
Nov. 9—T. J. Meiner, Sabatha, Kan.
Nov. 11—C. S. Nevius, Chiles, Kan.
Nov. 11—S. B. Amcoats, Clay Center, Kan.
Nov. 15—H. B. Vanhooser, Eldon, Mo.
Nov. 16—W. A. Prewett, Asherville, Kan.
Nov. 19—G. W. Roberts, Larned, Kan.
Nov. 22—W. D. McFarland, Chase, Kan.
Nov. 23—C. H. Pilcher, Glasco, Kan.
Jan. 3—J. M. Collins, Garnett, Kan.
Jan. 26—W. R. Stump, Blue Rapids, Kan.
Feb. 7—J. M. Ross and W. E. Long, Valley Falls, Kan.
Feb. 8—H. B. Walter, Effingham, Kan.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 9—H. C. Graner, Lancaster, Kan.
Feb. 9—Albert Smith & Sons, Superior, Neb.
Feb. 10—J. E. Bowser, Abilene, Kan.
Feb. 10—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 11—C. S. Nevius, Chiles, Kan.
Feb. 11—W. B. Van Horn, Overbrook, Kan.
Feb. 14—A. P. Wright, Valley Center, Kan.
Bred sow sale.
Feb. 16—J. H. Harter, Westmoreland, Kan.
Feb. 16—J. D. Spangler, Sharon, Kan.
Feb. 17—Bred sows, B. Van Horn, Overbrook, Kan.
Feb. 18—Gec. W. Smith, Burchard, Neb.
(Continued on page 11.)

NEW HOME



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as good.



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The NEW HOME is the cheapest to buy, because of its superior wearing qualities. All parts are interchangeable, can be renewed at any time. Ball bearings of superior quality. Before you purchase write us for information and Catalog No. 10. THE NEW HOME SEWING MACHINE CO., Orange, Mass.

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Make Charming Children's Garments for either home or school wear. They are so cheap in price, beautiful in design, and strong to wear that both children and parents are delighted with garments made from them. Sold by retailers most everywhere at 10 cents a yard. If not found write for samples

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Why not buy the best when you can buy them at such low, unheard-of Factory Prices. Hoosier Stoves and Ranges are delivered for you to use in your own home 30 days free before you buy. A written guarantee with each stove backed by a Million Dollars. Our new 1911 improvements on stoves absolutely surpass anything ever produced. Send postal today for free catalog. **HOOSIER STOVE FACTORY** 209 State Street, Marion, Indiana

A splendid way to make a yellow dye for coloring carpet rags is to steep peach leaves and alum in water.

If a glass stopper in a bottle sticks drop a little sweet oil on the opening and the stopper can then be easily removed.

If you have to remove old wall paper try coating it over with hot flour paste mixed to the consistency of cream. Allow it to soak in for a few minutes and then it can be removed easily with a chisel or scraper.

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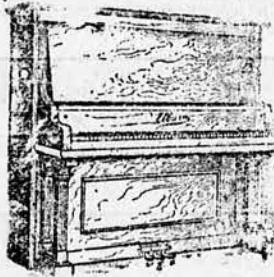
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\$225 Buys the ELBURN H-2—the Best Piano in the world at the price, \$6 monthly pays for it. IN THE WORLD FOR OUR PRICE OF \$225. It is made after our own plans and specifications. We know that the quality of the material that goes into it is superior. We want you to see the Elburn H-2, to test it and to realize that all we say of it is true. Therefore we will send the Elburn to you, freight prepaid. Try it carefully; have all your friends try it, and if it is not all we represent it to be, return it at our expense. You run no risk. The trial will cost you nothing.

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A place for everything, and everything in its place.

"What are you crying about," asked the stranger of a lad standing in front of a newspaper office, weeping as if his heart would break. "Pa's gone upstairs to whip the editor."

"Well, has he come down yet?" pursued the good Samaritan.

"Pieces of him have," said the boy with a fresh burst of tears, "and I'm expecting the rest every minute."—Woman's World.

HOME CIRCLE



A small whisk broom is good for sprinkling clothes and they will iron easier if warm water is used to sprinkle them.

Another good way to make stove holders is to whip together the cuffs from worn-out shirts. They will be thick and have the added advantage of being easily washed.

Every well ordered kitchen should have a pair of scissors. There are so many uses for them. In cutting up chicken or other meats for salad, also for figs and raisins or marshmallows they are much better than a knife. Or in removing the pithy center of grapefruit they will save time and labor.

For Hallowe'en.

Hallowe'en is one festivity of the year that few girls can willingly let pass without giving a party. And each year finds them searching for new and quaint table and house decoration for the great event.

The rooms must of course be decorated with autumn leaves, ears of corn and Jack-o'-lanterns, of these treasures the farm girl can find an abundance at her command. The rooms may be decorated in any pretty and fetching way the hostess can think of. The pumpkins must be cut into the most comical faces you can think of, and a lighted candle in each one.

For the table decoration, if you lay more than one table have each one differently decorated. One table may be spread with a white cloth; make the centerpiece of a Jack-o'-lantern filled with fruit and decorated at the base with tiny black cats cut from black paper or cardboard. Cut doilies of black cloth or paper in the shape of cats to place the bon-bon receptacles on. The table cloth may also be decorated with a border of black cats. Another table may have a centerpiece of a basket of fruit on which should be perched a witch dressed in black and white with broom in hand. Cut bats from black paper and place here and there on the table. Decorate the tablecloth with a border of witches cut from black cloth. The menu may consist of a salad, sandwiches, coffee, sweet cider, pumpkin pie, cake, candy and apples. The amusements for a Hallowe'en party may be searching the room for hidden treasures—red apples, ears of corn, thimbles, buttons, rings, etc. Each article hidden away to be found should have a witch and envelope attached to it with a black ribbon. After they are all found, the party should get together and each one in turn should read their fortunes which should be enclosed in the envelopes. The witch of the coffee grounds should tell fortunes of those who wish them read; fortune telling for such occasions as this must of course be as full of merriment as can be. Bobbing for apples in a pan of water is very acceptable amusement for this occasion. Passing into a darkened room and peering into a mirror in search of lovers' faces pleases the girls and boys, too, especially when the image of a pail, stove poker, or pumpkin is reflected from the article or utensil held at the proper angle by the boys. In fact any harmless amusement is suitable for Hallowe'en; singing or story telling. Souvenirs for the evening may be candy boxes, post cards, or just pumpkin pies.—Miss F. Lincoln Fields.

water. Parboil the greens and add them to the turnips. When nearly done season and set back on the range to simmer until done.

Creamed Beets—Boil the beets until tender, slip the skins and slice into a dish; pour over them a cream made by melting 1 tablespoon butter in a pan, stir in 1 level tablespoon flour, when well mixed, but not browned, add 1 cup cream and ½ teaspoon salt and a little sugar.

Baked Cabbage—Chop a firm cabbage head, boil rapidly until done, oil a baking dish, drain the cabbage and arrange in the dish, salt to season and dot with bits of butter. Put 1 tablespoon butter into a frying pan, when hot stir in 1 tablespoon flour, ½ pint milk, ½ pint water and salt to season. Pour over the cabbage, cover with a plate and bake in a quick oven, remove plate and let brown lightly.

Stewed Shelled Beans—Shell and boil enough beans for a meal, boil quite low, season with salt and add a lump of butter chopped with a little flour; let boil up a moment until slightly thickened and serve.

Boiled Onions—Select quite small onions, leave whole. Boil in salted water until done. Drain off the water and add 1 cup of milk and a lump of butter.

Brown Bean Fricassee—Soak 1 pint of beans over night. In the morning pour off the water, add more water and boil until done; drain off the broth, which should not measure over 1 cupful. Into a sauce pan put one rounded tablespoon of butter, add one small onion chopped fine, let brown, then add 2 tablespoons flour, stir until mixed, then gradually add 1 cup of sweet milk and the bean broth, stirring rapidly. Season with salt, then add the boiled beans, simmer a few minutes and serve.—F. Lincoln Fields.



8809. Russian Blouse Suit with Seven Gore Skirt for Misses and Small Women.

This design is appropriate, smart and stylish. Old blue panama with stitched satin bands in self color was used to develop it. The skirt is an attractive seven gore, plaited model. The blouse cut square at the neck may be trimmed with braid, and the sleeve may be finished in either full or short length. The pattern is cut in 3 sizes: 14, 16, 18 years. It requires 4¾ yards of 44 inch material for the 14 year size. A pattern of this illustration mailed to any address on receipt of 10 cents in silver or stamps.

October Vegetable Recipes.

Baked Potatoes—Wash perfectly clean, potatoes of about uniform size. Bake in a moderately hot oven until done; press until skins break slightly. serve hot with the following dressing: Heat 1 pint of thin sweet cream in a sauce pan, season with 1 level teaspoon salt and thicken with 1 tablespoon flour rubbed smooth in milk.

Stewed Turnips with Greens—When getting turnips for dinner gather a large quantity of the nicest, tenderest turnip tops. Pare and slice the turnips quite thin, put to cook in hot

(Continued from page 6.)

Jan; 4th, Kansas State Agricultural College on Fascinator.

Calves—1st, University of Nebraska on Prince of View Point 2d; 2d, University of Missouri on Dreamland; 3d, Kansas State Agricultural College on Lochinvar; 4th, Escher & Ryan on Kinkel.

Angus Herds.

Steer herd—1st, University of Nebraska; 2d, K. S. A. C.; 3d, University of Missouri.

Steer or heifer (2 years and under 3)—1st, Miller on Donald; 2d, Miller on Joe; 3d, Escher & Ryan on Proud King; 4th, Sutton on Wakarusa Prince.

The Galloways.

Exhibitors—C. S. Hechtner, Chariton, Ia.; Straub Bros., Avoca, Neb.; J. E. Bales & Son, Stockport, Ia.; W. M. Brown & Son, Carrollton, Mo.; John E. Glover, New Richmond, Wis.; J. P. Milliken, Media, Ill.; A. F. Craymer, Morris, Ill.; J. S. Strassbaugh, Wakarusa, Okla.; C. E. Clarke, St. Cloud, Minn.

Judge—G. E. Clark, Topeka, Kan. Aged bulls—1st, Straub on Captain 4th of Tarbreoch; 2d, Bales & Son on Douglass of Meadow Lawn; 3d, Glover on Black Diamond G.; 4th, Brown & Son on Hector of Seven Oaks; 5th, Milliken on Netty's Follower.

Two-year-old bulls—1st, Hechtner on Stanley of Maples; 2d, Hechtner on Evaline's Samson; 3d, Glover on Charming Lad; 4th, Straub on Eloquent; 5th, Craymer on Samson's Last.

Senior yearling bulls—1st, Glover on Clear the Way; 2d, Milliken on Ivan of Maple Glen; 3d, Milliken on Ivan of Maple Glen.

Junior yearling bulls—1st, Glover on Wandering Willie; 2d, Straub on Marquis Otee; 3d, Clark on Prince George; 4th, Brown & Son on Johndee.

Senior bull calves—1st, Straub on Choice Master; 2d, Clark on Scottish Hero; 3d, Milliken on Captain of Maple Glen; 4th, Clarke on Scottish Crown.

Junior bull calves—1st, Hechtner on Fearnot of Maples; 2d, Straub on Viscount Lad; 3d, Bales & Son on Gallant Douglass; 4th, Bales & Son on Royal Douglass; 5th, Clark on King George.

Aged cows—1st, Hechtner on Floss 2d; 2d, Bales & Son on Lily May; 3d, Straub Bros. on Sadie of Meadow Lawn; 4th, Bales & Son on Lady Graceful; 5th, Straub Bros. on Bell Standard.

Two-year-old cows—1st, Bales & Son on Lady Dorothea 2d; 2d, Hechtner on Bessie of Maples; 3d, Hechtner on Florence of Meadow Lawn; 4th, Straub Bros. on Merry Maid; 5th, Craymer on Deanie Thorn 2d.

Senior yearling heifers—1st, Straub Bros. on Dolly Dimple 2d; 2d, Bales & Son on Elizabeth 2d; 3d, Hechtner on Careful of Maples.

Junior yearling heifers—1st, Straub Bros. on Ladylike 2d; 2d, Hechtner on Miss Stanley 4th; 3d, Bales & Son on Lady Irving; 4th, Bales & Son on Lady Claire 6th.

Senior heifer calves—1st, Hechtner on Clara of Maples; 2d, Straub Bros. on Daisy Dimple; 3d, Bales & Son on Nellie Douglas.

Junior heifer calves—1st, Hechtner on Nellie of Maples; 2d, Straub Bros. on Maid of Honor; 3d, Bales & Son on Douglass Maid; 4th, Bales & Son on Queen Douglass.

Senior champion bull—Straub Bros. on Captain 4th of Tarbreoch.

Junior champion bull—Hechtner on Fearnot of Maples.

Senior champion cow—Hechtner on Floss 2d.

Junior champion cow—Straub Bros. on Ladylike.

Galloway—Fat Steers.

(Grade, Purebred or Cross.)

Aged steers—1st, Uni. of Neb. on Highland Lad; 2d, Uni. of Mo. on Black Lad; 3d, K. S. A. C. on Kansas Jim.

Yearling steers—1st, Uni. of Neb. on Scott; 2d, K. S. A. C. on Harry of Maples; 3d, Uni. of Mo. on Heatherland.

Steer calves—1st, Uni. of Mo. on Shade-land; 2d, K. S. A. C. on War Boy; 3d, Hechtner on Maples Pride.

The Berkshires.

Judge—J. W. Hibbard, Bennington, Mich. Aged boars—1st, S. J. Craig, Aurora, Ill., on Rockmaple Lee; 2d, G. W. Berry & Sons, Topeka, Kan., on Robins Hood Premier.

Senior yearlings—1st, S. Y. Burks, Bolivar, Mo., on Elm Dale Duke.

Junior yearlings—1st, C. A. Steward, Fox, Ill., on Handsome Lee's Model.

Senior sow pigs—1st, J. F. Polard, Fulton, Mo., on Baron Premier; 2d, C. E. Sutton, Lawrence, Kan., on Duke of Oakdale 11th; 3d, Thomas Stanton, Aurora, Ill., on Fair Rival.

Junior sow pigs—1st, Sutton on Baron Duke S.; 2d, Steward on Sitteton Lee; 3d, Sutton on Robin Hood Baron; 4th, Sutton on Robin Hood Baron 2d.

Senior yearling sows—1st, Steward on Robin's Premier Lady R.; 2d, Polard.

Junior yearlings—1st, 2d, Steward on Lady Mina 41st and Royal Lady 52d; 3d, Sutton on Lady Ivanhoe 3d.

Senior sow pigs—1st, 2d and 4th, Stanton on Rival's Black Girl 2d, Rival's Black Girl 3d and Rival's Black Girl 4th; 3d, Polard on Duchess A. 714th.

Junior sow pigs—1st and 2d, Sutton on Miss Royal Robin 7th and Lady Premier S 4th; 3d, Polard on Duchess P. 18th; 4th, Steward on Invincible Princess 7th.

Aged herd—1st, Steward.

Young herd—1st, Stanton; 2d, Sutton; 3d, Polard.

Young herd bred by exhibitor—1st and 2d, Sutton; 3d, Polard.

Get of sire (4)—1st, Stanton; 2d, Sutton; 3d, Polard.

Produce of sow (4)—1st, Stanton; 2d, Sutton; 3d, Polard.

Senior and grand champion boar—Handsome Lee's Model.

Junior champion boar—Baron Duke S.

Senior and grand champion sow—Lady Mina 41st.

Junior champion sow—Miss Royal Robin 7th.

The Duroc Jerseys.

Exhibitors—W. T. Hutchinson, Cleveland, Mo.; E. W. Davis & Co., Glenwood, Mo.; R. W. Harred, Benman, Mo.; R. W. Murphy, Camden Point, Mo.; H. E. Browning, Hersman, Ill.; McFarland Bros., Sedalia, Mo.; W. H. Williamson, Raymon, Kan.; G. V. Bush, Marshall, Mo.; R. F. & W. M. Fantz, Pleasant Hill, Mo.; Shelby & Chatterback.

Aged boars—1st, McFarland Bros.; 2d, Williamson; 3d, Harned; 4th, Browning.

Senior yearling boars—1st, Browning.

Junior yearling boars—1st, Harned; 2d, McFarland Bros.; 3d, Browning; 4th, Hutchinson.

Senior sow pig—1st, McFarland Bros.; 2d, Browning; 3d, Sholey & Chatterback; 4th, Bush.

Junior sow pig—1st, Sholey & Chatterback; 2d, McFarland Bros.; 3d, Hutchinson; 4th, Sholey & Chatterback.

Aged sows—1st, McFarland Bros.; 2d, Browning; 3d, Sholey & Chatterback; 4th, Hutchinson.

Junior yearling sows—1st, Browning; 2d, McFarland Bros.; 3d, Hutchinson; 4th, Sholey & Chatterback.

Senior yearling sows—1st, Browning; 2d, McFarland Bros.; 3d, Hutchinson; 4th, Sholey & Chatterback.

Senior yearling sow—1st, Browning; 2d, McFarland Bros.; 3d, Browning; 4th, Hutchinson.

Junior yearling sow—1st, Hutchinson; 2d, McFarland; 3d, Hutchinson; 4th, Harned.

Senior sow pig—1st, McFarland Bros.; 2d, Harned; 3d, Hutchinson; 4th, McFarland.

Junior sow pig—1st, McFarland Bros.; 2d, 3d and 4th, Hutchinson.

Aged herds—1st, McFarland; 2d, Harned; 3d, Hutchinson.

Young herds—1st, McFarland; 2d, Hutchinson; 3d, Davis & Co.

Champion herd (bred by exhibitor)—1st and 3d, McFarland; 2d, Harned.

Get of sire (4)—1st, McFarland Bros.; 2d, Hutchinson; 3d, Harned.

Produce of sow (4)—1st, McFarland Bros.; 2d, Hutchinson.

Senior grand champion boar—McFarland Bros.

Junior champion boar—McFarland Bros.

Senior and grand champion sow—Hutchinson.

Junior champion sow—McFarland Bros.

The Chester Whites.

Exhibitors—W. W. Waltemire, Peculiar, Mo.; R. F. & W. M. Fantz, Pleasant Hill, Mo.; D. H. Lewis, Geneseo, Ill.; Mr. Mosse, Leavenworth, Kan.; H. L. Bode, Friend, Neb.; A. D. Andrews, New London, Ia.

Judge—John M. Ketcham, Love Lake, Mo.

Aged boars—1st, D. H. Lewis; 2d, H. L. Bode; 3d, W. W. Waltemire; 4th, Lewis.

Senior yearling boars—1st, R. F. Fantz; 2d, Lewis; 3d, Waltemire.

Junior yearling boars—1st, Lewis on Commander; 2d, Waltemire & Sons on Raymond; 3d, Bode on Plainview Choice.

Senior sow pigs—1st, Lewis; 2d, Waltemire; 3d, Lewis; 4th, Fantz.

Junior sow pigs—1st, Lewis; 2d, Waltemire; 3d, Lewis; 4th, Fantz.

Senior yearling sows—1st, Lewis; 2d, Fantz; 3d, Lewis; 4th, Waltemire.

Junior yearling sows—1st, Lewis; 2d, Fantz; 3d, Lewis; 4th, Waltemire.

Senior sow pigs—1st, Bode; 2d and 3d, Lewis; 4th, Waltemire.

Champion boar, 1 year or over—D. H. Lewis on Marcus.

Champion boar, under 1 year—Lewis on St. Elmo.

Champion sow, over 1 year—Lewis on Marion.

Champion sow, under 1 year—Bode.

Grand champion boar—Lewis on St. Elmo.

Grand champion sow—Lewis on Marion.

Four, get of sire—1st and 2d, Fantz; 3d, Bode.

Four, produce of sow—1st Lewis; 2d and 3d, Fantz.

Aged herd—1st, Lewis; 2d, Fantz; 3d, Lewis.

Six, young herd—1st, 2d and 3d, Lewis.

Herd bred by exhibitor—1st, Lewis; 2d, Fantz; 3d, Lewis.

The "Dairy Special."

Within the last few years there has been a remarkable demand for dairy products. The farmers of Kansas have not been able to meet the demand within the state. There is no other line of farming that brings year by year as clear profit as dairying. It is no more confining than any other form of good farming. Dairy farming brings cash returns and enables the farmer to retain the fertility of his soil better than any other type of farming. Western Kansas land will wear out after a while with continuous wheat farming and every year when there is a wheat failure western Kansas loses a great many good farmers. Dairy farming lends greater stability because there is a more regular and more certain income.

The Agricultural College believes in dairy farming not only for eastern Kansas but for western Kansas; it believes in better dairy cows and better management; it believes in smaller farms and it believes Kansas ought to have a great many more farmers than it has. The Santa Fe Company is keenly interested in the development of every part of the state and in the prosperity of the farmers along its lines. It has conducted over its lines within the past few years two or three "dairy specials" and it is now to conduct for the Agricultural College a "dairy special" over southwestern lines, out in the "short grass country." It is hoped that the farmers of that part of the state will turn out to attend the lectures and that the "dairy special" will be the means of greatly increasing interest in dairy farming in southwestern Kansas.

The itinerary for the trip, beginning October 31, is given here:

Schedule October 31, 1910.

Arrive.	Depart.
Sedgwick	8:00 am
Valley Center	8:50 am
Derby	10:10 am
Mulvane	10:51 am
Belle Plaine	11:43 am
Wellington	12:48 pm
Argonia	2:18 pm
Danville	3:18 pm
Harper	3:38 pm
Anthony	4:06 pm
Harper	5:06 pm
Duquoin	5:40 pm
Nashville	6:40 pm
Isabel	7:00 pm
Sawyer	7:18 pm
Coats	7:38 pm

Schedule Nov. 1, 1910.

Arrive.	Depart.
Norwich	8:00 am
Viola	9:15 am
Clearwater	10:13 am
Goddard	1:00 pm
Gordon Plain	1:50 pm
Chaney	2:08 pm
Murdock	3:13 pm
Kingman	3:43 pm
Pretty Prairie	5:10 pm
Castleton	5:30 pm
Hutchinson	6:05 pm

Schedule Nov. 2, 1910.

Arrive.	Depart.
Partridge	8:00 am
Plevna	9:00 am
Sylvia	9:53 am
Stafford	11:00 am
St. John	11:59 am
Macksville	12:55 pm
Belpre	2:00 pm
Lewis	2:55 pm
Kinsley	3:50 pm
Offerle	4:42 pm
Spearville	5:00 pm
Dodge City	6:10 pm

Schedule Nov. 3, 1910.

Arrive.	Depart.
Howell	8:00 am
Cimarron	8:50 am
Ingalls	9:57 am
Fierceville	11:10 am
Garden City	12:10 pm
Deerfield	2:10 pm
Lakin	3:21 pm
Harland	4:32 pm
Kendall	6:03 pm

Syracuse 6:28 pm
Kendall 8:48 pm
Garden City 9:30 pm

Schedule Nov. 4, 1910.

Arrive.	Depart.
McCue	7:45 am
Scott City	8:45 am
Grigston	9:38 am
Dighton	10:45 am
Beeler	11:55 am
Ness City	1:10 pm
Bazine	2:13 pm
Alexander	3:08 pm
Rush Center	4:15 pm
Shawnee	4:45 pm
Heizer	5:50 pm
Great Bend	6:10 pm

Schedule Nov. 5, 1910.

Arrive.	Depart.
Ellinwood	8:00 am
Chase	9:00 am
Lyons	9:20 am
Little River	10:25 am
Windom	10:35 am
Conway	10:50 am
McPherson	11:45 am
Galva	12:45 pm
Canton	1:35 pm
Hillsboro	2:05 pm
Marion	2:30 pm

The Indian Creek Grange Fair.

The fifth annual Indian Creek fair which was held on Oct. 6th and 7th, at the new hall four miles north of Topeka, was a success in every particular. The weather was ideal. It was estimated that the attendance was nearly 1,000. Nearly 500 took dinner in the dining room.

Those who have been attending the fair every year say the one just held was the best in its history.

The membership of the grange is now nearly 200. It is in a prosperous condition. The membership is increasing at a rapid rate.

The new hall is a substantial two-story, stone building, 33x60 feet. New sheds that will shelter 25 teams have recently been erected.

The exhibits of fruit, corn and vegetables were a surprise to many who attended the fair. R. H. Herrington had a squash that weighed 98 pounds. A. G. Hook showed a cabbage that weighed 17 pounds.

The competition in corn was sharp. 47 entries were on exhibition. The prize for the best 10 ears went to John Anderson. J. W. Bigger had the best display of yellow corn and A. E. Pitcher the best half bushel of white corn.

Alfalfa that had been sown on August 22, 1910, was on exhibition that stood 18 inches tall. Some fifth cutting alfalfa measured three feet.

The awards in the different departments were as follows:

In the apple exhibit the following people took the blue and red ribbons with the following varieties: Ben Davis, H. Hutchinson, 1st; E. C. Ball, second. Jonathan, 1st. George Jensen; 2d, E. C. Ball. York Imperial, 1st, J. Curry; 2d, O. C. Arnold.

White Pippin, 1st, E. C. Ball; 2d, D. L. Button. Arkansas Black, 1st, W. H. Welton; 2d, J. Curry. M. B. Twig, 1st, H. L. Moore; 2d, J. Curry. Wine Sap, 1st, E. Hutchinson; 2d, E. C. Palmer. Stagman, M. Cole. Smith Cider, O. Fulmer. Yellow Bell Flower, 1st, O. Browning; 2d, W. Curry. Lawyer, 1st, E. C. Ball; 2d, D. L. Button. R. Jannett, 1st, C. E. Palmer; 2d, O. Fulmer. Ramsdells Sweet, J. O. Browning. Tulpha Hickem, W. D. Foote. Twenty-ounce apple, J. O. Browning. Vandiver, E. C. Ball. Duchess, 1st, J. M. Pollock; 2d, C. J. Finley. Keefer, 1st, O. Schavies; 2d, Mrs. J. Dressler. Jersey Russet, C. J. Finley. Swan Orange Pear, C. J. Finley. Garber, C. J. Finley. Quince, 1st, J. M. Pollock; 2d, Mrs. J. R. Dressler. Persimmons, H. B. Browning.

In the poultry department the following exhibits and owners won the blue and red ribbon: Rhode Island Reds, Mrs. W. W. Farnsworth. Black Leghorns, Mrs. W. W. Farnsworth. White Wyandottes, 1st, Miss Olive Rude; 2d, A. J. Holcombe. Black Minorcas, W. A. Peniston. Buff Bantams, Miss Thelma Weaver. Buff Orpingtons, Mrs. Olson. Single Comb Rhode Island

Reds, 1st, Mrs. Dransfield; 2d, Mrs. Sherman. Black Langhans, Mrs. Dransfield.

In the fancy work department the following pieces brought the prize to their owners: Painting, Mrs. Edna Arnold. White center piece, Mrs. A. Frebble. Silk quilt, Miss Betta. Colored center piece, Mrs. Harnaker. Sofa pillow, Mrs. G. Wind. Fancy work, Miss Mary Brook. Hardanger work, Mrs. Harnaker. Kodak collection, Miss Lottie Farnsworth.

In the doll department the following exhibits with their owners were the prize winners: Doll collection, 1st, Miss Mildred Feibler; 2d, Miss Ruth Button. Best display, 1st, Elizabeth Sherman; 2d, Mildred Feibler, Ruth Button.

In the vegetable department the following displays won the prizes for their owners: Salsify, mangle wurtzel, sugar beet, egg plant, Hubbard squash, collection of squash, F. O. Jude. Green tomatoes, O. F. Whitney. Parsnips, radishes, W. A. Penderton. Turnips, head of cabbage, onions, lettuce, cucumbers, nest egg gourds, J. L. Moore. Mango peppers, beans, Mrs. R. Snodgrass. Cashaw, J. Matcett. Common field pumpkin, C. W. Stover. Chili squash, longest squash, R. H. Herrington. Water melon, L. H. Neiswanger. Basket of Ohio potatoes, Joe Buechner. Fordbrook squash, C. E. Brown. Sample cabbage, A. G. Hook. Beets, W. V. Garwood. Sweet potatoes, J. Deld.

In the corn department the following entries brought the prizes to their exhibitors: Boone County White, John Anderson. Best ten ears, John Anderson. Kansas Sunflower, A. Button. Pop corn, J. L. Monroe. Best corn, J. W. Bigger. Boone County White, A. Pitcher. Largest ear, E. Palmer. Longest ear, E. Palmer. Kaffir corn, Chiddick. Oats, Roller Bros. Turkey Red wheat, W. F. George.

In the live stock department the following were prize winners: J. C. Hensler, special draft colt, 1st, W. D. Davis; 2d, J. W. Moore; 3d, O. Fulmer. R. E. Cowdrey, special draft colt, 1st, J. B. Betts; 2d, George Under. W. L. Gluchrist, draft special, J. L. David. J. L. Gluchrist, coach special, 1st, Peck, 2d, J. B. Betts; 3d, W. D. Foote. Draft sweepstake, J. L. David; 2d, W. D. Davis; 3d, J. B. Betts. Roadster sweepstake, 1st, 1st, Ralph Button; 2d, W. M. Farnsworth. Best brood mare, Ralph Cecil. Best farm team, 1st, Roller Bros.; 2d, J. B. Betts; 3d, O. Nickum. Best saddle horse, Ed Griffith. Best driving team, Peck. Best single driver, 1st, Clarence Betts; 2d, O. Cook. Duroc Jersey hogs, 1st, T. G. McDowell; 2d, F. Thompson. Shropshire sheep, 1st, Joshua Browning; 2d, Matt Cole.

In the pantry stores department the following people took prizes with their exhibits: Best loaf made of Pride of Topeka flour, Mrs. Joe Hook. Best loaf of bread of Puritan flour, Mrs. F. P. Rude. Best loaf of bread made of Big 4, Mrs. J. W. D. Foote. Best layer cake, Mrs. Sherman Wilson. Best angel food cake, Mrs. Geo. Jensen. Best apple pie, Mrs. H. L. Moore. Best pumpkin pie, Mrs. Snodgrass. Best 5 jars canned pie, Mrs. J. O. Browning. Best corn, Mrs. W. P. Kimbal. Best pickled beets, Mrs. F. P. Rude. Best can pears, Mrs. J. M. Folom. Best can peaches, Mrs. Boyd Pollock. Best can of beans, Mrs. Frank Myers. Best can of grapes, Mrs. John Curry. Best display jelly, Mrs. Sherman Wilson. Best can cherries, Mrs. Jensen. Best peach pie, Mrs. A. Pitcher. Best peach pickles, Mrs. John Curry.

Reds, 1st, Mrs. Dransfield; 2d, Mrs. Sherman. Black Langhans, Mrs. Dransfield.

In the fancy work department the following pieces brought the prize to their owners: Painting, Mrs. Edna Arnold. White center piece, Mrs. A. Frebble. Silk quilt, Miss Betta. Colored center piece, Mrs. Harnaker. Sofa pillow, Mrs. G. Wind. Fancy work, Miss Mary Brook. Hardanger work, Mrs. Harnaker. Kodak collection, Miss Lottie Farnsworth.

In the doll department the following exhibits with their owners were the prize winners: Doll collection, 1st, Miss Mildred Feibler; 2d, Miss Ruth Button. Best display, 1st, Elizabeth Sherman; 2d, Mildred Feibler, Ruth Button.

Fulkerson's POLAND CHINA SALE

At Trenton, Mo.

OCTOBER 29, 1910

The sows will be mostly yearlings of best breeding. There will also be a few tried sows. These sows are by Meddler, Washburn's Perfection, On The Dot, Keep Sake, Nex In Line, Pacemaker, Sporting Imp, U. S. Correction 2d, Fancy Sport, Expansion Stretcher, etc., and out of a lot of good sows. There will be a few sows bred for early litters. The boars are a smooth, useful, well bred lot of animals that will grow into good individuals if properly grown out. They will run from 700 to 800 pounds in weight, just large enough to use this fall.

The sale will be held at Warren's barn in Trenton, Mo., where buyers can come and go on the Rock Island or the O. K. Railroads. Parties from a distance stop at the Elk Hotel as my guests.

AUCTIONEERS—Col. Frank Zaun, Independence, Mo.; Col. S. G. Garand, Trenton, Mo.; Col. Oscar Norton, Trenton, Mo.

FIELDMEN—Col. Ed. Dorsey, Topeka, Kan.; Geo. E. Cole, K. C., Mo.

F. D. FULKERSON

Brimson

Missouri

58 Large and Growthy Poland Chinas

Will Sell at my Farm

FRIDAY NOVEMBER 11

8 tried brood sows.

15 spring gilts by Designer, Major Look and Columbia Expansion.

16 large, smooth fall gilts by De-

signer, Gold Metal and Columbia Expansion.

20 spring boars, big, growthy fellows by Designer, Major Look and Columbia Expansion.

This is the best lot of pigs I ever raised. Send for a catalog and come to my sale. Nov. 11 is the date and Chiles, Kan., the place.

Send bids to O. W. Devine representing Kansas Farmer.

C. S. NEVIUS

Chiles

Kansas

FIELD NOTES.

(Continued from page 11.)

Feb. '18—Miller & Manderschied, St. John, Kan.
Feb. 28—W. R. Stump, Blue Rapids, Kan.
March 4—C. H. Pilcher, Glasco, Kan.

The press bureau of the American Royal of 1910 was the most ably conducted and efficient that this great institution has ever had.

Sutton's Hogs Win.

C. E. Sutton, breeder of Berkshire swine at Lawrence, Kan., captured both boar championships in the Berkshire show at the American Royal last week. Mr. Sutton owns one of the strongest Berkshire herds in the country.

Hamilton & Son's Sale.

J. H. Hamilton & Son will hold their annual fall sale of Poland Chinas on Nov. 1 at their farm, two miles north of Gulde Rock, Neb. This firm has long been known for the extra good quality of their product, which has been more firmly proven by their annual winnings at the Nebraska State Fair. They have in their herd which won this year Choice Goods, one of the best yearling boars ever seen in Nebraska or Kansas and a large share of this offering is by him out of extra good sows. Some are sired by Choice Metal, a strong yearling by Belle Metal. This yearling will go in the sale and should be looked after. Be sure and get a catalogue, and if unable to attend the sale send bids to R. G. Sollenbarger of this paper.

Col. Bred Durocs at Auction.

The opportunity of the season to buy Durocs of superior individuality and breeding will be at the Chapin & Nordstrom sale to be held at Mr. Nordstrom's farm two miles north of Clay Center, Kansas, Friday, Nov. 4th. The offering of 50 head will include 26 choice spring boars, 4 fall yearling boars, 10 fall yearling gilts and the same number of spring farrow. The gilts are all by the great breeding boar, G. C.'s Kansas Col., a good son of G. C.'s Col. He has proven to be one of the best and most uniform sires ever used in the Chapin herd. The boars are by this boar, King of Cols, 2d and G. C.'s Col. Three boars taken as a whole that cannot be duplicated. It will be remembered that the last two named were sold last spring by Mr. Chapin for a price that would almost buy a good farm. Now the opportunity presents itself and breeders can buy sons of either out of the best sows that Mr. Chapin has ever owned. It would seem that this sale was about the logical place to buy a herd boar. Among the dams of pigs are five or six daughters of the great old sire Model Chief Again, one of the best boars ever descended from old Ohio Chief. The best daughters of King of Cols, 2d and one daughter of Old King of Cols, himself. Two by W. L. A.'s Choice Goods, one of them is out of a Proud Advance sow and the other carries the blood of the show sow, Bessie H. One is a daughter of Golden Rule. There will be contained in this sale a great variety of the best breeding known to the Duroc-Jersey world. There will be no better opportunity to buy richly bred animals that have the individuality to go with it. Every lover of Durocs in this territory

Kansas Land

IRRIGATED LAND IN KANSAS

NOW OFFERED FOR SALE.

Not away off in Texas, not in the far-off deserts of the West,
BUT IN KANSAS

In the famous "Arkansas Valley," the nearest irrigation project to Kansas City established in the United States. The best and most reliable system of irrigation known to the skill of man being installed. Main line of Santa Fe Railroad passes through the tract. No piece of land over two miles from the station. Its the "Valley of Alfalfa," the home of the sugar beet. Crops produce \$75 to \$175 per acre annually. Will all be sold out in 60 days. You'll have to hurry.

SOUTHWESTERN LAND AND IRRIGATION CO.,

811 Kansas Avenue,

Topeka, Kansas.

701 Jackson Street.

Finely Improved 300 Acres For Quick Sale

In N. E. Kansas, close to live R. R. town and only a day's drive from St. Joseph. Has fine dwelling house, and barns for large number of horses and cattle. Large silo, water tanks, fine mill, granary and other improvements, on which money has not been spared to make them desirable, useful and up-to-date in every way. All improvements in excellent condition. Soil is very rich, has been judiciously manured for 26 years, and always well farmed, observing systematic crop rotation. This farm is well watered, has fine walnut timber, with finest bluegrass pastures, alfalfa, timothy and clover meadows. All well fenced. Finest wheat and corn land there is. It is an exceptionally good stock farm, all ready for use, and in a country where crop failure is unknown. A finer farm could hardly be found anywhere. Owner selling on account of old age. No trade can be considered. If you want to arrange to look this over, or have detailed description and location furnished, address at once,
S-30, KANSAS FARMER, Topeka, Kan.

LOW-PRICED NORTHEASTERN KANSAS LAND.

Produces corn, clover, bluegrass and all staple crops in big yields. We can sell you improved farms here for \$40 to \$50 per acre. Have some good exchanges. Write for full information.
The Owl Land Agency, Ozawie, Kansas.

CORN, BLUEGRASS AND ALFALFA LANDS.

In Northern Kansas, where crops never fail. Improved farms \$65 per acre and up. Prices rapidly advancing. Now is the time to buy. Write for full information.
F. A. LAKE,
Ozawie, Kansas.

NORTHWESTERN KANSAS.

The best agricultural section of Kansas. Wheat, corn, alfalfa, tame hay, potatoes and fruit are making our farmers rich. Land \$25 up. Big list to select from. Write for full information.
E. L. HORTH, Centralia, Kansas.

SMALL FARM AND STOCK RANCH.

960 acres, ten miles Meade, fenced, cross-fenced, good house and other farm buildings, 40 per cent tillable, 40 acres subirrigated, alfalfa land, living water, well adapted to general farming and stock raising. \$8 per acre, reasonable terms.
FIDELITY LAND & TRUST CO.,
Meade, Kansas.

160 ACRES, 11 miles Plains, 11 miles Jasper, both good shipping points level roads; perfect quarter of buffalo grass land. Price \$13 an acre; terms. No adjoining lands can be bought for less than \$15 an acre. Other bargains.

FULLINGTON & MARRS, Meade, Kansas.

FARMS AND RANCHES

In Greenwood county, the best known county in Kansas, where corn, clover and bluegrass grow to perfection. We own and control much land here, and will suit you.
WICKER & MARSHALL,
Madison, Kansas.

KIOWA COUNTY LANDS

At \$20 per acre and up with liberal terms, where all staples produce abundantly. We have better corn right now than you have on your \$150 land. Descriptive literature free. THE WAYNE LAND CO., Greensburg, Kan.

FORD COUNTY LANDS.

\$15.00 an acre and up on good terms. Lands in Grant and Kearney counties, \$10.00 and up. Good trades considered. If you want to double your money soon, buy quick, before prices advance.

WATKINS & STANSBURG, Dodge City, Kan.

LINN, Anderson and Bourbon County farms, \$25.00 to \$75.00 per acre. Best bargains in Kansas. Write for full information.
R. A. BARNES, Blue Mound, Kan.

should get a catalog of this sale and either attend or send buying instructions to Jesse Johnson at Clay Center.

Tripp's Smooth, Growthy Polands at Auction.
One of the smoothest and growthiest lots of Poland Chinas to be sold at auction this year will be at F. A. Tripp & Sons' sale to be held at Meriden, Kan., Oct. 27. The offering will consist entirely of spring pigs, all sired by the Tripp's good herd boar Mastery 53972, a Mogul and Expansion bred boar. He is a boar combining lots of size and quality and has transmitted both to his get. The pigs are out of medium sized, well finished sows. Among them is Jet's Darkness, dam of the four pigs that won every ribbon competed for at St. Joseph last year. A full brother to this sow won grand championship at Missouri state fair last year. Her litter sisters won first, second and third at American Royal 1907. This year she has raised 10 fine pigs and they are in this sale. Winnie Perfection, litter sister to the Missouri champion, has eight good ones in the sale. Consistency, the sow that won first at St. Joseph last year, also had good ones included. Write for catalog of this sale and arrange to attend.

FOR SALE 480-ACRE IMPROVED FARM. Suite 3, Prudential Bldg., Topeka, Kansas.

IMPROVED FARMS in S. W. Kansas and N. W. Oklahoma, \$10 to \$25 per acre. Write Moore & Falls, Liberal, Kan.

FARM and City property for sale in Douglas and Anderson county. Land is advancing, better buy now. I have some bargains. J. C. WISE, Baldwin, Kan.

HOW IS THIS? A few quarters good land in Stanton Co., Kan., lays nice, good soil. Close to the Artesian Belt on new R. R. survey. Bonds voted. Price for short time \$1,200 each; can carry half at 7 per cent. See what a little money will do. Address H. M. Davis Realty Co., Greensburg, Kan.

FOR SALE.

A good farm 1/4 mile from Basehor in Leavenworth county, Kansas. Good improvements, good graded school and high school in Basehor. The price is right on this farm. Call or write to
F. M. DARBY, Basehor, Kansas.

85 MILES SOUTH OF KANSAS CITY

320 acres, 1 1/2 miles from good town on M. & T., all level, no stone, plenty of fruit and water, improved 260 acres in cultivation balance prairie meadow. Price \$45.00 per acre. Worth \$55 today. Write quick. Other farms.

S. S. IRWIN,
Kincaid, Kan.

JOHN W. BAUGHMAN

Prices \$10 to \$50.
Terms: 1-10 down, bal. 1-10 monthly. Good level, well located lots, in rapidly growing town. Best lot proposition ever offered. Sure profits. To get the choicest locations write today.

PLAINS TOWN LOTS

160 ACRES

2 1/2 miles of town and in good country. Good house, good barn, some other outbuildings and a good orchard. 100 acres in cultivation and the balance in mow land and pasture. Can sell this at \$50.00.
O. L. HOLLAND,
Goff, Kan.

OUR SPECIALTY.

Buy, sell or exchange all kinds of property. Send for list of good farms, at low prices.

SPOHN BROS.,
Garnett, Kansas.

GOOD IMPROVEMENTS, GOOD LOCATION
120 acres, 3 1/2 miles from this city, 1/4 mile to school, good four-room house, fair barn 24x36, 60 acres fenced woven wire, 24 acres timothy meadow, 15 acres clover pasture, lays nice, all tillable, plenty good water. Price for quick sale \$6,000, terms on \$2,500.

DONAHUE & WALLINGFORD,
Mound Valley, Kan.

SOUTHWESTERN KANSAS.

Corn, wheat and alfalfa lands, in Hodgeman, Edwards and Ford counties at \$12.50 per acre and up. Prices are rapidly advancing—now is the time to buy. Prices, descriptions and full information upon application.

MAIRS & SCHILLING,
Kinsley, Kansas.

EXTRA SPECIAL IN FORD COUNTY LANDS.

Seven sections fine wheat land, in a solid body, close to Spearville, for sale for from \$25 to \$60 per acre. Write quick.
SMITH & BARTZ, Sole Agents
Spearville, Kansas.

Vanhooser Stock Farm Sale.

On Tuesday, Nov. 15, H. B. Vanhooser of Eldon, Mo., will sell a high class offering of Poland Chinas. Don't fail to read the ad in next week's issue. There will be a great chance to buy herd boars, several litters by Decatur, Parnell and Class Leader that are extra good. Send for catalog at once. Mention the Kansas Farmer.

Smith & Sons' Sale.

On Nov. 2 Albert Smith & Sons of Superior, Neb., will sell a draft of 40 head of boars and gilts of the large, growthy kind that will be hard to beat. They are mostly sired by Smith's Big Hadley, who reproduces his type as strongly as any boar we have seen this year, and Jumbo, Jr., by Neb. Jumbo, and his dam by Belle Metal. This is a large, strong fellow with bone to spare. The get of these boars will be weighing sale day over 250 pounds and stand on the best of feet. Four especially good boars are by Smith's Big Hadley and out of Susie Blaine, who was out of Susie M.'s Best. This offering is a No. 1 and you will be more than pleased with it. Be on hand or send for catalogue and mail your bids in our care to R. G. Sollenbarger. See ad in this issue. (Continued on page 23.)

Kansas Land

WICHITA COUNTY

160 acres choice agricultural land only 10 miles from Marienthal and 17 miles from Leoti. All smooth and tillable black soil, free from sand or stones. Sheet water at 100 feet Good neighbors and a bargain at \$1,200. Further particulars on application.

ALBERT E. KING

McPHERSON, KAN

COME TO FORD COUNTY AND GET RICH

Come to the famous Ford County wheat belt, where two crops pay for the land. If I do not show you that this is true I'll pay your fare for the round trip. Best of climate, soil and water. Descriptive price list upon application.

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

EASTERN KANSAS FARM BARGAIN.

160 acres, 6 1/2 miles from Osage City and 2 1/2 miles from Barclay, Kan., 85 acres under cultivation, 2 acres orchard, balance native grass, 6-room house, barn for 8 horses with loft, cow barn, corn crib, hen house and other outbuildings, plenty of good water, all smooth land, R. F. D. and phone, 65 acres of corn goes with farm if sold in 30 days. Price \$7,500. For full particulars write

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

A BARGAIN FOR THE RIGHT MAN.

160 acres of good alfalfa, corn and wheat land, 100 acres in cultivation, balance pasture and meadow, 10 acres in alfalfa; all fenced and cross-fenced; improved with small improvements, orchard and shade; an abundance of fine water at a depth of 25 feet; this farm lies 6 miles from Wichita and 1 mile from loading station. Price \$80 per acre, \$2,500 down, the balance on or before ten years.

EDWIN TAYLOR REALTY CO., 107 South Main St., Wichita, Kansas.

THE BEST TOWN TO LIVE IN.

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

SECRETARY OF THE COMMERCIAL CLUB,
Topeka, Kansas.

FARMS, Ranches, Mdse., Trades. Would you build an agency? Buckeye Agency, Agricola, Kan.

ANDERSON COUNTY BARGAINS.

160 acres, good improvements, 4 1/2 miles good town, \$45 acre. Improved 160, 2 miles Garnett, \$6,400. Improved 80, \$3,000. Write for free list.

J. E. CALVERT, Garnett, Kansas.

ANDERSON COUNTY FARMS, for sale and exchange, at \$40 per acre and up. Expansion file free to buyers.

SIMON LAND CO., Garnett, Kan.

MONTGOMERY COUNTY LANDS. 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.

IF YOU ARE INTERESTED IN CENTRAL KANSAS, WESTERN KANSAS OR COLORADO LANDS FOR A HOME OR INVESTMENT, STATE YOUR CHOICE TO C. C. WALLACE, BROOKVILLE, KANSAS.

1120 ACRE COMBINATION RANCH.

25 head horses and colts above average and one registered Percheron stallion. Write for particulars. 80 acres first-class alfalfa land in famous Artesian Valley at a great bargain. WM. MILLER, Meade, Kansas.

WILL PLEASE THE MOST SKEPTICAL.

400 acres fine land and fine improvements, \$65 per acre. Large and small farms, attractive prices, good terms. New free lists.

HOLCOMB REALTY CO.,
Garnett, Anderson County, Kansas.

Ford county wheat and alfalfa lands at the lowest prices. Special: 320 acres to exchange for hardware stock. Write us.

LOPP BROS. & WOLF,
Dodge City, Kansas.

ALLEN COUNTY IMPROVED FARMS \$40.00 and up. Cheapest land in Kansas, rainfall and location considered. Information free.

IOLA LAND CO., Iola, Kansas.

EASTERN KANSAS.

160 a. well improved, can all be plowed, 2 mi. from Richmond. If sold soon \$52.50 per a. Write us, or better come see it.

RICHMOND LAND & LOAN CO.,
Richmond, Kansas.

WHEAT, alfalfa, sugar beet and ranch lands, in Finney and adjoining counties, at reasonable prices. Shallow water lands a specialty. Write for handsomely illustrated booklet, mailed free. Good trades considered. Maddux & Jessup, Garden City, Kan.

NORTHEASTERN KAN., \$45 PER ACRE.

If you want to buy a good home or make a paying investment, where corn, clover, bluegrass and alfalfa grow to perfection, write or call on me. Can sell you improved farms for \$45 to \$65 an acre.

ALVA HARDEN,
Ozawie, Kansas.

WHEAT AND BROOM CORN LANDS

In Gray, Hodgeman, Ford, Finney and Haskell counties. We have a large list of lands for sale at low prices on liberal terms. Write for a free illustrated copy of "The Jacksonian," containing 32 large pages. The Gonder Land, Loan and Immigration Co., Cimarron, Kan.

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

CHEAP 160 ACRES.

4 1/2 miles to Waverly, new 3 room house, stable, 80 a. of it in cultivation, balance in pasture and new land. This is good new land. Can be handled with \$2,000. Price \$35 an acre. Write for new list.

RILEY & GOUDY,
Waverly, Kansas.

SOUTHEASTERN KANSAS FARMS.

n any size tracts, on liberal terms. How a this: 80 acres good land, well located, small improvements, \$2,500. Send for free list.

THE BOWMAN REALTY CO.,
Coffeyville, Kansas.

COME TO LIBERAL.

New lists Seward and Stevenson Cos., Kan., Beaver and Texas Cos., Okla. Wheat and broomcorn land, \$10 to \$25.

KAN. & OKLA. LAND CO.,
Liberal, Kansas.

EASTERN KANSAS.

Where clover, timothy, wheat and corn is king of crops, 80 smooth, improved. Price from \$40 to \$60 per acre. 240 improved, a bargain, \$40. Write W. K. SHAW, Garnett, Kan.

GREENWOOD COUNTY FARMS

and well-grassed stock ranches, in the corn, clover and bluegrass country, for sale at low prices on liberal terms. Write for full information.

J. G. SMITH,
Hamilton, Kansas.

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

FORD, Clark, Meade and Gray county corn and wheat land \$15 to \$50 acre, on good terms. Write for new list, mailed free.

H. E. McCUE LAND CO.,
Bucklin, Kansas.

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, Kansas.

NORTHEASTERN KANSAS FARMS.

For sale or exchange, natural home of corn, clover, bluegrass and all staples, as well as fat cattle and hogs. Also city property and stocks of merchandise for sale or exchange. Large 16-page list free.

COMPTON & ROYER,
Valley Falls, Kansas.

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

BARGAIN.

In Artesian Valley, alfalfa land, 480 acres all irrigated, 2 miles Fowler, 100 acres, only 8 to 12 feet to water, artesian well, fine land; snap at \$40 acre, 1/2 cash, bal. 3 years at 6 per cent. I own other farms; will sell.

E. L. WATTS, OWNER,
Fowler, Kansas.

200 ACRES, 10 miles from Delphos, 40 a. pasture, 160 in cultivation, 175 can be cultivated, creek, plenty of fruit for family use. Good house, barn and outbuildings. One of the best corn and alfalfa farms; can be bought for \$75 per acre; 1/2 cash, bal. 6 per cent.

Box 114, Minneapolis, Kansas.

180 ACRES, 1/2 mile from "Baker University" townsite; good rich black limestone soil; 9-room house, two barns, hog sheds, large hay barn, splendid corn and timothy land. Well worth the money. Price \$75 per acre.

Wm. H. Holliday, Baldwin, Kansas.

FOR SALE—193 a., 6 mi. Garnett, 3 mi. Haskell, on Mo. Pac. R. R., 120 a. valley and slope land in cult., balance rough pasture with limestone rock on 1-3 of it, well fenced and cross fenced, new 6 r. house; splendid barn, 32x42; 2 good wells; family orchard. A snap at \$5,500. New list free. Sewell Land Co., Garnett, Kan.

DON'T RENT YOU CAN OWN THIS FARM. Nice smooth quarter, sandy loam, twenty miles from Liberal, in Stevens County, forty acres under the plow. This is a bargain. Price \$1,500, \$1,000 down will handle it. On R. F. D. and in good neighborhood. Write for lists.

THAYER LAND CO., Liberal, Kan.

ANDERSON COUNTY.

320 a., 140 in cultivation, bal. pasture and mow land, good soil and water, seven room house, large barn, cribs etc. Five miles to R. R. Station. Price \$35.00 per a. Terms easy. A snap. Write for full information.

Geo. W. Her & Son, Garnett, Kan.

FOR SALE.

Some fine homes. Best of land in corn, wheat and alfalfa belt. Some excellent stock ranches. Some fine wheat land. Very cheap. Write us.

GARRISON & STUDEBAKER,
McPherson, Kansas.

FOR FREE INFORMATION about Miami and Linn County land, at the lowest prices on best terms, write or see J. D. RENEAU, La Cygne, Kan.

MIAMI COUNTY—Improved farms \$45 up. good terms. Cheaper and better than farther west. List free. Carpenter & Peck, Miami County Bank Bldg., Paola, Kan.

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

WESTERN AND WEST CENTRAL KANSAS corn, wheat and alfalfa lands, at \$12.50 per acre and up. Write today for new list, mailed free.

PORTER YOUNG, Great Bend, Kansas.

KIOWA COUNTY, KANSAS.

20,000 acres where wheat, corn and all staple products produce paying crops every year, \$20 and up. Don't write, come quick. Edgar B. Corse, Greensburg, Kan.

FRANKLIN COUNTY.

Heart of the corn, clover and bluegrass belt. Prices lower than farther west. New eight-page list free to buyers. Send your name. Princeton Land Co., Princeton, Kan.

KANSAS WHEAT LANDS, and some corn and alfalfa lands, \$8.00 to \$25.00 per acre. Write for information. J. C. Reeve, Garfield, Kansas.

SOUTHEASTERN KANSAS LAND

Where corn, wheat, oats and alfalfa produce big crops, at \$40 per acre and up. Oklahoma land, \$12 to \$25 per acre. Write for new list, sent free.

MONARCH REALTY CO.,
Coffeyville, Kansas.

WRITE FOR FREE LIST JUST OUT of Lyon and Coffey County and Western Kansas lands, for sale or exchange. Send your name today.

COLE & HEDRICK, Hartford, Kan.

DO YOU KNOW

that you can still buy wheat and alfalfa land in Ford county for \$15.00 an acre and up? List free.

J. E. REESER & CO.,
Dodge City, Kansas.

GRAY COUNTY WHEAT LANDS

that often pay for themselves in one crop, \$10.00 to \$25.00 per acre. Write for full information to

KANSAS LAND CO.,
Cimarron, Gray County, Kansas.

BUY 200 A. DONIPHAN CO.

An ideal 200 acre farm, highly improved, in Doniphann county, where crop failures are unknown. Price \$72 1/2 an acre for quick sale. No trade. Ed. Brown, Real Estate, Troy, Kansas.

GRAY COUNTY, KANSAS, LAND. Drop us a postal asking for descriptive matter and prices on some of our best Gray County bargains at from \$12.50 to \$20 per acre, if you are looking for a home or an investment this will interest you.

F. M. LUTHER & SONS,
Cimarron, Kansas.

MONEY FROM HOME?

160 acres on creek bottom, all in corn except 20 acres in good grass, smooth and nice, rich soil, good water, splendid neighborhood, 10 miles of Spearville, Kan., for quick sale \$25 per acre. Terms. This is a dandy, no trades, big list free.

STINSON & SHELDON,
Spearville, Kansas.

NESS COUNTY BARGAIN.

1120 acres 6 miles from Arnold on the Mo. Pac., good 8-room stone house, stone barn 24x60, plenty of good water, 500 acres in cultivation, all good farm land. Price \$17.50 per acre. 5 years time on \$7,000 at 7 per cent if wanted. Write for my printed list.

GEO. P. LOHNES,
Ness City, Kan.

160 ACRES 2 1/2 MILES FROM HARTFORD, extra well improved, all kinds of fruit, half in cultivation, half in grass, 25 sown to alfalfa, good stand, quick sale \$65 per acre, leave \$3,500 on farm at 5 per cent. 30 page list of bargains free.

HARTFORD REALTY & LOAN CO.,
Hartford, Kansas.

FARM BARGAINS.

Big bargains in one of the best 80's in Anderson Co., nice smooth farm, fair improvements, plenty of good water, close to school. R. F. D. and telephone. Price \$4,200. Terms if wanted.

MANSFIELD LAND CO.,
Ottawa, Kansas.

435 ACRE FARM—DIRT CHEAP.

435 acres, 2 to 3 mi. from 5 towns, Linn Co., Kan. Rich soil, small grain, corn and tame grass farm. Improvements worth \$5,000; good repair. All fenced; part hog-tight. A genuine bargain for \$27.50 per a. Large list and detailed description free.

T-O-M. LAND CO., Coffeyville, Kansas.

FINNEY COUNTY LANDS.

That produce mammoth crops of sugar beets, alfalfa and all staples at reasonable prices on good terms. Prices are advancing rapidly; now is the time to buy. Write for prices, description and full information.

CHARLES D. GORHAM,
Garden City, Kansas.

FARM SNAPS

FARMS FOR SALE—Large list, correspondence solicited, ask for list. Desirably located. Thos. Darcey, Real Estate, Offerle, Kansas.

GREENWOOD COUNTY FARMS

Large 40-page, handsomely illustrated book, containing valuable information and list of 50 farms, mailed free and postpaid. Send your name today.

P. D. STOUTON, Madison, Kan.

BOURBON COUNTY LAND.

160 acres, 1/2 mile from railroad town; 10 miles from Fort Scott; nearly all can be cultivated; about 80 acres in timothy and clover; fair improvements; orchard and small fruit; plenty of water. Price \$35 per acre.

160 acres 7 miles Fort Scott; good house; fair barn; 80 acres in cultivation; 60 acres prairie meadow; 20 acres pasture; no rock. Price \$40 acre.

GEO. N. BAINUM,
Fort Scott, Kansas.

Level 80 a. improved, orchard, close in, \$80 per yr. Gas and Oil rental; \$3,500. 80 a. all first bottom, fertile, improved, big new barn, orchard, free gas. \$3,200. These are snaps. 40 a. improved, close in. A snap at \$1,600 cash.

B. H. DUNBAR, Tyro, Kansas.

LAND SNAP

80 ACRES, Anderson County, Kansas; six miles from Greeley, 7 miles from Garnett. 60 a. in cult., balance meadow and pasture. 160 a. joining Harris, Kan., all tillable. 100 acres in cult., balance meadow and pasture. Price \$55 per acre, well improved.

SPOHN BROTHERS, Garnett, Kansas.

FORCED SALE

Best located and one of the best farms in Allen county; 480 acres, 4 miles from Iola, 360 acres under plow, balance in grass. All tillable. Will sell all or divide suit purchaser. Worth \$85 an acre. Will sell for \$50. Very easy terms. Must sell. Call on or address

THE ALLEN COUNTY INVESTMENT CO.,
Longton, Kansas.

SEWARD and STEVENS

Counties corn and wheat land, \$10 to \$25 an acre. Crops often pay for the land in one year. The best investments in Kansas are to be found here. Write for free descriptive literature.

CHAS. MOLTER,
Liberal, Kansas.

Meade County Lands For Sale or Exchange

Raw and improved farms and ranches. \$9,000 telephone exchange. Attractive terms on all kinds of property. Call on or address

BOYER & WYATT,
Plains, Kansas.

A BARGAIN

160 acres of fine creek bottom land, 50 acres in cultivation, 8 miles from good town and in good neighborhood. It won't last long. Answer quick. A snap at \$1,500.

MACKEY & EVANS,
Liberal, Kansas.

AT A BARGAIN

Four 160-acre farms in Lyon county, each containing pasture, meadow, orchards, springs and land under cultivation. Two with house and barn on. These quarters all join each other longways and are well fenced. This land must be sold soon to settle an estate. Time given on one-half Address

TROUTMAN RANCH,
Comiskey, Kansas.

TRADES.

We will exchange irrigated sugar beet and alfalfa lands, unirrigated wheat and ranch lands, city property, merchandise and live stock for good proposition anywhere. Describe and price your proposition.

CONYERS & PIPFINGER,
Garden City, Kansas.

NESS COUNTY, 160 ACRES.

\$10 per acre. A fine quarter 5 miles from R. R. station, nearly all fine smooth land, and good dark loam soil. Fine well of water. 50 fine thrifty trees, no other improvements. Can't be duplicated in the county for the money.

J. G. COLLINS, Owner,
Ness City, Kansas.

320 ACRES unimproved, 8 miles Dodge City, about 100 acres rough, all well grassed, near school, \$3,500.

640 acres, 9 miles Dodge, 5 miles station, fenced, cross-fenced, 320 acres in cult., school on land, running water, fine stock proposition. \$19.00 an acre. Other lands. New list free.

L. L. Taylor & Co., Dodge City, Kan.

Wheat, Corn, Alfalfa

In Meade, Ford and Clark counties; land \$25 to \$50 an acre. List free. Eugene Williams, Minneola, Kan.

Clark County Farm

520 acres, small set improvements, 300 in cultivation, 10 miles R. R. town, \$25 per a. Lands for sale in any size tracts to suit purchaser, at low prices.

HALL & CLARK LAND CO.,
Minneola, Kansas.

Miami County Land

For free information about eastern Kansas land, where corn, wheat, timothy, clover, bluegrass and all tame grasses grow at \$40 to \$75 per acre, write or see the

PAOLA LAND & LOAN CO.,
Paola, Kansas.

HERE YOU ARE

200 acres, 5 miles Williamsburg, new 7-room house, large barn, all necessary outbuildings in good repair, small fruit, 1/2 cultivated, balance could be \$40 acre. Good terms. Owner old, can't farm it. New list free. SEVERNS & HUTCHISON, Williamsburg, Kan.

KORN AND CLOVER.

Farm bargains in Eastern Kansas. \$30.00 to \$50.00 per acre. Don't wait to write, but come and see.

HALEY-MCMULLEN CO.,
Mound City, Kan.

160—Neosho Co., Kansas. Fine improvements, black soil, all tillable, close to school, church and R. R. market. Abundance water, tame hay and pasture. This is a fine home. Don't write, come. \$55 per acre. BYRD H. CLARK, Erie, Kansas.

TREGO COUNTY LAND.

Where prices are advancing rapidly. At low prices, on liberal terms. Near markets, churches and schools. Write for prices and descriptions.

J. I. W. CLOUD, Wakeeney, Kansas.

MEADE, Ford, Clark and Gray counties land, \$10 to \$20 an acre; prices advancing rapidly, now is the time to buy. Write for full information. Chas. Schwerdfeger, Fowler, Kan.

WALTER'S Expansive Poland Chinas At Auction

AT FARM NEAR
EFFINGHAM, KAN., TUESDAY, NOV. 1

55 head of the biggest, smoothest and most uniform individuals that I have ever offered to the public

26 Spring Boars :: [26] Spring Gilts

Strictly tops. I am making no winter sale so am putting my very best in this sale. Three choice fall yearling gilts, the best of my fall crop. Majority of the offering by Expansive, one of the greatest breeding sires living. Fall gilts and few spring boars by Logan W. 51871. Others by Mastery, the Mogul-bred boar now heading F. A. Tripp's herd. One choice litter by the noted Colossus and one boar by Big Tom, the boar that topped one of the best Nebraska sales last year. Among the dams of this great offering are daughters of Jansen's Mogul, Logan B., Expansive, Looks Grand, many others rich in the blood of Expansion, First Quality, etc.

This is my best offering and I am anxious to have you see it. Come whether you want to buy or not. Free entertainment and conveyance to and from farm.

Catalogs now ready. Send for one. Send bids to Jesse Johnson in my care.

H. B. WALTER
Effingham. : : : : Kansas

Auctioneers—H. C. Duncan, John Daum.

HILDWEIN'S ANNUAL FALL Poland China Sale

At farm, five miles from Fairview, two miles from Powhattan, Kan.

THURSDAY, OCT., 27TH, 1910
40-HEAD-40

20 spring boars, 2 fall yearling boars, 18 spring gilts and 4 tried sows. All of the spring pigs and 2 of the tried sows were sired by my herd boar, Gold Standard by Johnson's Chief. His dam was an Expansion bred sow. The dams of the pigs are very large matured sows with great smoothness, by such boars as Imperial Chief, Longfellow by Old First Quality, dam of Chief Look by Grand Look, etc.

I am striving to breed them big without losing that quality and smoothness that is so important. I have selected my sows with considerable care, and while I haven't all the good ones, I feel that my herd and offering will compare favorably with many of the best herds of this part of the state. Come and see the hogs and make selections if you like them. Catalog sent for the asking. Bids may be sent to Jesse Johnson in my care at Fairview, Kan.

C. H. Marlon, Roy Kistner, Auctioneers.

Walter Hildwein
FAIRVIEW :: :: :: KANSAS

50=====50 POLAND CHINAS That Are Tops Go Into Our Sale

Wednesday, Nov. 2

At Farm Five Miles South East of
Pawnee City, Neb.

I have raised a large number of pigs and can put up a first class offering after culling very closely.

35 spring boars and 15 selected gilts. The boars are very large, husky, heavy boned fellows, a few of them perhaps a trifle coarse but just the kind to put more size and prolificness into your herd.

Every one is of March farrow and I don't believe there is a more uniform lot to be sold in the state this year. About half are by my herd boar, O. K. Chief by O. K. Price, he by Price We Know, the boar noted for size and smoothness and winner of first at Nebraska State Fair. The others are by my young herd boar, Look's Choice by Look's Grand and out of dam by Pfander's Giant Pride. There will be pigs out of litters from such sires as Standard Queen by a Shattuck bred boar—13 in this litter, Susy M. by Major Blain, Susy L. 2d raised litter of 9. Tecumseh Golddust, the sow that topped John Blain's closing out sale at \$251, has several dandies in sale sired by the best son of Big Hadley according to Blain. Nan Patterson by Major Blain, one of the biggest sows in Nebraska, has pigs in sale from litter of 13. Others are out of daughters of King Do Do, Chief Golddust, etc.

Catalog giving age, breeding, etc., sent upon application. Examine it and come or send bids to Jesse Johnson in my care. Breeders stop at Exchange Hotel, Pawnee City. Free conveyance to farm.

R. J. Peckham, Pawnee City, Neb.

Auctioneer—L. W. Leonard.

Harter's Annual FALL SALE BIG SMOOTH POLAND CHINAS

At farm, near Blain

FRIDAY, OCTOBER 28

40 head in all. 25 spring boars and 15 spring gilts. Sired by 6 different boars. Mostly by the big boars, Mogul's Monarch and Captain Hutch. Others by Toulon Prince, Prince Hadley and Silver Metal. Among the dams of pigs are some of the largest and best sows of the breed. Nearly all matured sows, such as Laurel by Redemption Chief, he by old Overland Chief 26564. No. 2 in catalog is an outstanding good boar sired by Mogul's Monarch. Queen Panzy, a very large choice daughter of Expansion, has 3 extra good boars in the offering sired by Mogul's Monarch. Silver Beauty by Silver Chief, dam by Logan Chief, has 4 boars and 2 gilts included in the sale, sired by Captain Hutch. Lady Faultless 7th, one of the best sows sold at W. C. Singer's last winter bred sow sale, has 3 boars, good ones, sired by Mr. Singer's great boar, Prince Hadley. The offering is good throughout, and I feel will be appreciated. Catalogs sent upon request. Bids may be sent to Jesse Johnson in my care. Trains met at Fostoria and Blain. Free entertainment at Blain.

Auctioneers—W. H. Trospen, W. C. Curry.

J. H. HARTER
Westmoreland - - Kansas



ROBISON'S

FALL SALE NOV. 10, 1910

Percherons, all ages
For Sale Now

ADDRESS
J. C. ROBISON, Towanda, Kan.

IMPORTERS AND BREEDERS.

Percherons Shires & Belgians

75-HEAD MARES AND STALLIONS-75

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

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



W. H. RICHARDS, Importer

A car load of extra good two and three-year-old Belgian and Percheron Stallions just arrived, August 17th. Attractive prices will be given on them now to buyers so they can make a fall season.

Barns only four blocks from A. T. & S. F. depot.
EMPORIA, KANSAS

DUNHAMS' PERCHERONS

Fourth importation for 1910 arrived August 4th. Our present lot, we believe, equals or surpasses any we have heretofore collected. More horse of bone, size and first-class quality than ever. Numerous important prize winners. Write for catalogue.

W. S., J. B. & B. DUNHAM, Wayne, Illinois.

CHAPIN & NORDSTROM'S COL. BRED DUROCS AT AUCTION

At farm two miles north of
CLAY CENTER, KANSAS
FRIDAY, NOV. 4, 1910

50 head in sale, consisting of 26 spring and 4 fall yearling boars, 10 fall and 10 spring gilts.

Every female in the sale was sired by the great Col. boar, G. C.'s Kansas Col. The boar division contains many outstanding individuals and includes sons of King of Cols. 2d, G. C.'s Col. and G. C.'s Kansas Col. All sires of recognized merit as producers. Among dams of the offering are Chapin's Queen 2d by old King of Cols., sire of King of Cols. 2d, Bessie H. 3d, sired by Model Chief Again and out of Bessie H. 2d, My Princess by Golden Rule out of a dam by the great King To Be, Cherry by Pilot Wonder, dam by Ohio Chief, G. C.'s Choice Goods and Ten Strike, daughters of W. L. A.'s Choice Goods, Frances C. by White Hall King, several daughters of King of Cols. 2d, etc.

No better blood or greater individuality can be found anywhere. The entire offering is good and buyers will be accorded every opportunity to see the offering and make good selections. For catalog address

CHAPIN & NORDSTROM, Green, Ks.

Auctioneer—Jas. T. McCulloch.

Jesse Johnson, fieldman for Kansas Farmer. Send bids to him.

White Plymouth Rocks

(EXCLUSIVELY)

For 13 years I have bred White Rocks, the best all purpose fowl, and have some fine specimens of the breed. I sell eggs at a reasonable price, \$2.00 per 15, or \$5.00 per 45, and I prepay expressage to any point in the United States.

STATION B.

THOMAS OWEN,

TOPEKA, KANSAS

CARNOT

(66666) 66666

43 head of Percheron Horses will be sold Wednesday, Oct. 26th at Gregory Farm, White Hall, Ill.

8 Stallions

Included in this matchless offering of Percherons, will be eight stallions, two of them yearlings; three two-year-olds; two four-year-olds and one five-year-old.

Some of these Stallions are by Radziwell. Radziwell is today, one of the finest specimens of his kind in the world. He has been tried and proven to be a great breeder. His sons carry all of his style and individuality and are sure to be gilt-edged investments for any breeder.

10 Imported Mares

A special attraction in this sale will be ten imported mares, bred to the best Stallions in France.

25 Mares Bred to Carnot

Mares bred to Carnot are sure to be a most valuable investment, because of their absolute worth and also because this line of breeding will become the most popular in the United States in the next few years. Twenty-five superb mares will be sold at this sale that have been bred to Carnot.

Berkshire Breeders Invited to Attend

A cordial invitation is extended to all Berkshire breeders to attend this sale. It will give you an excellent opportunity to inspect our extensive Berkshire operations.

AUCTIONEERS—Col. Orval A. Jones, Chicago; Col. Carey M. Jones, Chicago; Col. Lloyd L. Seely, White Hall, Ill.; Col. F. M. Woods, Lincoln, Neb.

Catalogs now ready. Write for one today

W. S. CORSA

Gregory Farm

White Hall, Ill.



Limestone Valley Farm

—Headquarters for high class jacks and jennets. No public sale 1911, but have a barn full of good jacks and a pasture full of good jennets at private sale. Every animal a good one, fully guaranteed and well worth the price.

COME AND SEE US.

L. M. MONSEES & SONS,
Smithton, Mo., Pettis Co.

Public Sale, - Thursday, Nov. 3, 53 PERCHERON MARES AND COLTS

Greatest Percheron Mare Sale ever held west of the Mississippi River, at the C. W. Lamer Stables in Salina, Kan., beginning at 10 a. m.

53 head of registered Mares and Colts, consisting of: 25 Imported Mares, all bred to the best stallions of France. 24 home grown Percheron Mares, including the choicest from my farm. (Also 4 yearling stallion and 2 sucklers.)

These include all of my "Prize Winning" Mares at the State Fair of 1910, and it is very gratifying to me to tell you that I have the best bunch of mares ever offered for sale west of the Mississippi River, with plenty of bone, style, action and conformation. They are young and sound, from 1 to 5 years old, and most of them "blacks." The Fillies are large and growthy, just the thing for the farmer to take home and grow a good brood mare. Every animal for this sale was carefully selected by me, personally, as I spent three months in the foreign country during the past summer and bought only such stock as I would be proud to say that I had sold and that will make money for the farmer. I am quite sure that you will agree with me when I say that my winnings at the State Fair have indicated the superior quality of stock that I will sell.

Come to my stables in Salina, Kan., November 3, 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.

My Premiums at the State Fair consisted of: NINETEEN (19) FIRSTS, TEN (10) SECONDS, ONE (1) THIRD. CHAMPIONSHIP ON STALLIONS in Special Class. Seven (7) Gold and Five (5) Silver Medals.

I have a barn full of Imported Percheron and Belgian Stallions (last importation—60 head—August 1, 1910) that I am offering at private sale. Come one day before the sale and look over THIS STOCK.

WRITE FOR CATALOGUE. C. W. LAMER, SALINA, KAN.

P. S.—On Friday, Nov. 4, 1910, I will sell 200 head of Horses, Mares and Mules, consisting of Farm Mares, Draft Horses and Southerners.

Auctioneers—Dan Sayer, W. C. Curphey.

C. W. LAMER, Salina, Kan.

GEORGE SMITH'S MAMMOTH HADLEY POLAND CHINA OFFERING

At farm seven miles from Burchard, Neb., five miles from Pawnee City, Neb., and seven miles north of Summerfield, Kansas

Thursday, Nov. 3

45 head in all, divided as follows: 25 strong spring boars, 20 top gilts, all of March farrow and very growthy and even; two-thirds of them by my great Hadley boar, Mammoth Hadley by Big Hadley. His dam, Lady Hutch, was sired by Old Bright Look, first and sweepstakes boar at Nebraska State Fair several years ago. Mammoth Hadley breeds size and quality and his part of the offering is exceptionally strong backed and all have extra good feet. The remainder of boars and gilts are by my young boar, Look's Model, sired by Look's Grand and out of one of Chapman's great sows. Among the attractions will be pigs by Mammoth Hadley and out of Violet by Chief Goldust, one by Mammoth Hadley and out of Pfander's Giant Pride. Miss Quality by First Quality has good litter. Several good litters are out of Mammoth Hadley sows and sired by Look's Model. Every pig that goes into the sale has passed inspection and I can honestly say there isn't a poor one in the sale. This isn't the best offering of the season but it is in fact one of the good ones. Catalogs ready now. Write for one. Free conveyance from Pawnee City, Burchard, Bookwalter and Summerfield.

Geo. W. Smith, Burchard, Neb.

Auctioneer—L. W. Leonard.
Send bids to Jesse Johnson, representing Kansas Farmer.

6 BOARS 37 SOWS AND GILTS 3 BULLS 37 COWS

HEREFORD CATTLE and DUROC HOGS

Savoir Viver, two and one-half miles south of Fall River, Kansas.

FRI., SAT., NOVEMBER 4, 5, 1910

**40-High Classed Herefords-40
45-Durocs-45**

Of the choice blood lines, such as Morning Chip by Ohio Chief, a great producing sow bought at \$140 and has made good. Another attraction is Tatarax Lass by Chief Tatarax, sold a litter mate to her for \$100 at combination sale at Eureka, Kan., and many other good ones, such as daughters of Bell's Chief, J. D. Improver 3d, Beat Me If You Can, T. L's Col., all of which will be bred or sold with breeding privilege to T. I's Col. If you are a lover of Durocs you can get most any blood lines desired in this sale.

In the Herefords we are proud of the offering we are putting up. Among them are eleven 2- and 3-year-old heifers by Onward 39 by March On 6th that are very promising stuff. Three have calves at side and another a Grand Champion cow Irine, at Yates Center, 1909, where 212 head were shown. Some good heifers by Chancellor 226512, our chief herd bull, to whom most all the cows are bred. Some good ones by Too Late and Bryan safe in calf. In bulls we have one by Lady Joshlin, a show heifer who has 7 blues to her credit. The calf has 2 blues to his credit, won this fall. Another bull calf, a peach, a full brother to the Grand Champion bull at Yates Center, the largest show of the season. Another short yearling by Chancellor 226512 and out of Nadene 148338, a show cow bred at Sunny Slope. This bull (Kon 332006) has 3 blues to his credit this fall. Also another cow, Lady Matchless 3d, a full sister to Lady Matchless 2d, the noted cow of Sunny Slope Farm, Emporia.

Write early for catalog.

T. I. WOODDALL

Fall River - - - - Kansas

MONASMITH'S DUROC JERSEYS AT AUCTION

Formosa, Kansas

OCTOBER 27TH, 1910

**35 Head of the Tops of
100 Head**

There are some very classy spring boars in this offering sired by such grand boars as Prince Wonder 2d by Prince Wonder, King of Kant Be Beat by Kant Be Beat, Jewel Col. by G. C.'s Kansas Col., Top Notcher's Top by Top Notcher I Am, Hebron Wonder and Benny K. 47075 and out of such sows as Model girl by Model Chief Again, Crimson Girl by old Bell's Chief, Crimson Mary by Nebraska Wonder, Lady Jumbo by Garrett's JumboWoodlawn Queen by Shorty Orion, Red Daisy by Big Chief by Shorty Orion, Queen G. 3d by King Shriner, Miss Perfection by Wonder Bob, Nellie 22 and Nellie 25 by Golden Ruler, Choice Ideal by Ideal Perfection, Primrose Girl by Primrose Chief and Kansas Genevieve by Chief Improver. In breeding and individuality this offering is second to none.

Sale at farm, two miles north of Formosa and four miles south of Lovewell, on Santa Fe. Catalogs are ready and postal card brings them.

Auctioneer—Col. John Brennan, Esbon, Kan.

Fieldman—R. G. Sollenbarger of Kansas Farmer.

W. E. MONASMITH
Formosa - - - Kansas

HIGH-CLASS POLAND CHINA SALE

At farm near Chanute, Kan.

Wednesday, November 2nd, 1910

We have both the large, smooth Poland Chinas, and the medium, easy-feeding and quick-maturing kind. We can please you.

A few of the attractions: Fall gilts by Erie Expansion and Modern Monarch, 15 spring boars and 24 spring gilts by Erie Expansion, Wedd's Expansion, P. & S. Hadley, Denton King, John Long, Major Look, Good Metal, Columbia Expansion, Expansion's Son, John's Boy, Gov. Hadley and Modern Monarch, and out of such dams as Oakie 2d by Corrector Chief, Peach by Corrector Chief, Proud Beauty by Proud Archer, Center Grove Beauty by Proud Archer, Winifred by Peerless Perfection 2d, Lady Wonder 6th by Blain's Wonder, Golden Lady by Gold Metal, Kittle M. by Mammoth Ex., D. & S.'s Lady Mc 4th by Designer, Mound Lady by Stirling Jumbo, Lady Mc 5th by Blain's Tecumseh 2d, On's Sunflower by Chief On and On, Kansas Maid by Kansas Wonder, Astoria by Pancost, Model Girl by Mammoth Ex, Molly Mow by Blain's Wonder, Calico by Mischief Maker 2d, Daisy Maid by Ingfellow 3d, Junno M., by Missouri Metal, Maud Wonder by Kansas Wonder, Kansas Lady by Kansas Wonder, Lady Bettie 3d by Sterling Jumbo, Florence S. by Spangler's Hadley.

Catalogs are ready. Don't fail to send for one. Arrange to come to our sale if you can, we have the hogs and they will be sold to the highest bidder. O. W. Devine will represent Kansas Farmer. Bids sent to him will be treated fairly. For catalogs address

J. W. PELPHREY & SON

CHANUTE :: :: KANSAS

AUCTIONEERS—R. L. Hareman, Jas. W. Sparks, John D. Snyder, Col. Smach.

45 CATTLE**DRYBREAD'S TWO DAY'S SALE****50 HOGS****45-REGISTERED HEREFORD CATTLE-45****Elk City, Kan., Tuesday, November 1, 1910**

Ten young cows, ten two-year-old heifers, fifteen yearling heifers, ten young bulls. Anxiety Grove 3d, Lord Wilton, March On and Java strains predominate. All females of breeding age have calves at foot or are in calf to Tophon 4th, a great two-year-old by Platocal 2d and out of a Dandy Rex dam.

IF IN THE MARKET FOR EITHER HEREFORD CATTLE OR HIGH CLASS DUROCS SEND FOR CATALOG, MENTIONING KANSAS FARMER.

SAMUEL DRYBREAD

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ELK CITY, KANSAS**50-HEAD DUROC JERSEYS, BOARS AND SOWS-50****Elk City, Kan., Wednesday, Nov. 2, 1910**

Ten spring boars, seven tried ows, ten fall yearlings and twenty-three spring gilts. Five yearling ows and seven fall gilts are bred to the great Buddy K. 4th. Two fall gilts bred to Red Advance by Red Wonder. The blood of Ohio Chief, Buddy K. 4th, Red Wonder, Proud Advance, G. C.'s Col., Hanley, W. L. A.'s Choice Goods predominates. A choice lot of individuals, raised on alfalfa pastures.

HAMILTON & SONS PRIZE WINNING POLAND CHINAS**40-Head at Auction-40****TUESDAY, NOVEMBER 1****AT GUIDE ROCK, NEB.**

Sired by Choice Goods, who took 2d at Lincoln this year and was considered by many the best yearling hog on the grounds. His get in this sale will please you. Another sire represented in this sale is Choice Metal, who is showing some extra good pigs. Choice Metal is by Belle Metal and is an extra good yearling, taking 5th at Lincoln in class of 86. He will be sold in this sale.

Fifteen top gilts will also go in this sale, making it one of the best offerings of the year. Be on hand or get a catalog and send bids in our care to R. G. Sollenbarger.

Col. Callahan, Auctioneer.

J. H. HAMILTON & SON

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GUIDE ROCK, NEB.**Smith & Sons, Smith's Big Hadley and Jumbo Jr. Sale****AT SUPERIOR, NEB., WEDNESDAY, NOV. 2, 1910**

Forty head bly, growthy spring boars and gilts sired by our great breeding boar, Smith's Big Hadley and umbo Jr. by Nebraska Jumbo and his dam by Bell Metal out of dams of equal breeding. Four extra good, topy boars by Smith's Big Hadley and out of Susie Blaine, she being out of Susie M.'s Best, one of the best sows John Blaine ever owned. This offering we think will surely please you. They will weigh on sale day over 250 lbs. and are right in every way. We would be pleased to have you with us sale day, but if unable to attend send for catalog and mail bids in our care to R. G. Sollenbarger.

Col. Callahan, Auctioneer.

ALBERT SMITH & SONS

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SUPERIOR, NEB.**QUINN'S BIG SMOOTH****Duroc Auction****Monday, October 31, 1910**

At farm $4\frac{1}{2}$ miles south of Waterville and 9 miles southwest of Blue Rapids, Kan.

50-All of Spring Farrow-50

20 strong, heavy-boned boars.

30 selected gilts, all of March farrow and every one sired by Rantarrax 86735 by the great Tatarax and out of dam by Ohio Mayor by Kant Be Beat.

The offering will average around 250 pounds on sale day.

Among the dams are sows by Junior Ben by Junior Jim, first prize boar at the Nebraska State Fair a few years ago; Beattie, son of Improver 2d; Crimson Chief, the \$500 boar; Kansas Wonder, etc.

Catalogs sent upon application. Bids may be sent to Jesse Johnson in my care. Free transportation from town and entertainment for breeders from a distance.

T. E. Gordon, Auctioneer.

JAS. A. QUINN

Waterville

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Kansas

LARGE KIND POLAND CHINAS**At Freedom Stock Farm, Belleville, Kan.****OCTOBER 27TH, 1910**

Thirty-five head, 19 heavy boned March boars and 16 March and fall gilts, sired by Long Hadley 54213 and Expansion Wonder 51714. Sows are of Expansion, Grand Look and Tecumseh strain. Some prize winning stuff in this sale. Prepare to take some fine White Plymouth Rock cockerels home now at \$1.00 each.

Stop at Rock Island Hotel. Send for catalog.
Auctioneer—J. W. Huntington. Clerk—D. D. Bramwell.

F. C. SWIERCINSKY**TRIPP'S BIG SHOW YARD POLANDS****AT AUCTION****Thursday, October 27th, 1910**

At our new sale pavilion recently erected. 50 Big Smooth Spring Pigs, all sired by our herd boar, Mastery 53972, a Mogul and Expansion bred boar. Large, long and smooth tell the story. Among the dams of the offering is Consistency, first prize sow at St. Joe last year. Jet's Darkness, dam of Consistency and full sister to gilts that won first, second and third at American Royal, 1907, will have 9 in sale. This sow is also full sister to boar that won championship at Missouri State last year.

We have bred Poland for 20 years and intend to stay in the business. Bids may be sent to J. R. Johnson in our care. Write for catalog, mentioning this paper.

TRIPP'S GOOD ONES.
Breeders and farmers that like size, smoothness, good bone and mellowness will surely be pleased with this offering. I believe the entire lot will average 225 sale day, they are smooth as apples and many of them out of sows that have won good premiums. Every pig in the sale came from a big litter, some as large as eleven. JESSE JOHNSON.

F. A. TRIPP & SONS**MERIDEN**

L. R. BRADY, Auctioneer.

KANSAS

W. C. Singer's Sale
PRINCE HADLEY
POLAND CHINAS
HIAWATHA, KAN.
Tuesday, October 25th, 1910

36 head in all, consisting of 18 spring boars, 17 spring gilts and Singer's Jumbo by Fuller's Jumbo, a fall boar. This young stuff is of the big type and was sired by

Prince Hadley 49326

Mogul's Monarch, Colossus, Sunflower's Dude and out of such sows as Matilda B. by What's Ex., Silver Slick by Cold Metal, Our Favorite by Grand Chief 2d, Junior Rose by Junior Chief, Quality Maid by Quality Lad.

Strictly Big Type and Big Quality

These hogs will be offered in good condition and will show a concentration of good blood of the big type that is hard to beat. Keep the date in mind and send for catalog, mentioning the Kansas Farmer. Fieldman—Jesse R. Johnson.

W. C. SINGER, Hiawatha, Kan.

PAGETT'S
Alfalfa Farm
DUROCS

WEDNESDAY, OCTOBER 26, 1910

At Beloit, Kan.

40 Head, Consisting of 25 Boars and 15 Gilts

BIG, STRONG, GROWTHY, SMOOTH FELLOWS OF EARLY SPRING FARROW. THE TOPS OF OVER 500 HEAD ALL Sired BY BOARS BRED IN THE PURPLE AND OUT OF STRONG MATURE DAMS. SALE WILL BE HELD AT FARM, FOUR MILES EAST OF TOWN, AND EVERY ONE IS INVITED TO COME AND SEE OUR HOGS AND OUR METHOD OF RAISING THEM. SEE NOTE FOR FURTHER PARTICULARS, ARRANGE TO ATTEND THE SALE, BUT IF UNABLE TO DO SO SEND BIDS TO R. G. SOLLENBARGER IN OUR CARE. CATALOGS READY.

P. H. PAGETT

BELOIT

KANSAS

Webb's Attraction
BIG TYPE
Poland China
Auction

BENDENA, KAN.

WEDNESDAY, OCTOBER 26TH

53 head in all, divided as follows: 25 boars, 19 of which are of spring farrow, 28 females, 15 spring gilts, remainder fall yearlings, spring yearlings and 2-year-old sows.

ATTRACTIONS

8 choice fall yearling gilts, including a litter mate to the great Wedd's Expansion.

ATTRACTIONS

6 fall boars that are herd boar prospects; 4 by Union Leader, 2 by Wedd's Expansion.

The spring pigs are by Union Leader and Major Hadley by Major Bob, Hadley Prince by Prince Hadley and Colossus. Out of dams by Captain Hutch, Designer, Expansion. I am not holding winter sales, and all of my best gilts go in this sale. Sale in our big new sale pavilion on farm. Write now for catalog. Bids may be sent to Jesse Johnson at Bendena.

Auctioneer—Frank Zaun.

W. R. WEBB

BENDENA

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KANSAS

EXTRA GOOD
Poland China
Offering

ESPECIAL CARE HAS BEEN TAKEN IN THE SELECTION OF SOWS, BOARS AND GILTS FOR THIS MY FIRST SALE AT

Humboldt, Kansas

TUESDAY, NOVEMBER 1st, 1910

Out of our crop of 100 spring pigs the best have been reserved for this sale. A large part of my offering will be the get of Taxpayer 2d, one of the largest and smoothest boars in Kansas. My herd sows are the tops from nine sales held last winter. I bought the best I could buy and am selling the best I have raised. All my pigs are Healthy, Growthy Individuals of Real Merit, that will give the buyers satisfaction. You will be pleased with the offering, and you are urged to attend the sale.

O. W. Devine will represent the Kansas Farmer. Bids sent to him will be handled with care. Write today for catalog. Address,

H. F. PELPHREY & SON

Auctioneers—R. L. Harriman, Jas. W. Sparks, Col. Smock.

HORSES AND MULES

STALLIONS AND MARES.

A few choice young stallions and a few three-year-old fillies, in matched teams, priced right. Come and see me.

J. W. BARNHART,
Butler, Mo.

SHEPHERD PONIES FOR SALE—20 imported stallions and few bred mares. We have recently returned from Scotland with the finest importation of ponies ever brought to Nebraska. Write for private sale catalog.

CLARKE BROS., Auburn, Neb.

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.

Up-to-date Poland China hogs. Write your wants.

H. N. HOLDEMAN, Meade, Kansas.

THE BEST IMPORTED HORSES \$1,000 each. Home-bred, registered, draft stallions, \$250 to \$650, at my stable doors. Address A. LATIMER WILSON, Creston, Iowa.

HOME-BRED DRAFT STALLIONS \$250 to \$600; imported stallions, your choice \$1,000. F. L. STREAM, Creston, Iowa.

HOLSTEIN CATTLE

HOLSTEIN CATTLE.

The Most Profitable Dairy Breed. Illustrated descriptive booklets free. Holstein-Friesian Ass'n of America.

F. L. HOUGHTON, Sec., 114 Brattleboro, Vt.

SUNFLOWER HERD HOLSTEIN-FRIESIAN.

Do you need a high class bull ready for service whose three nearest dams average from 26 lbs. to over 29 lbs. butter in 7 days? I have them for sale. Also choice bull calves 6 to 10 months old, and a limited number of choice A. R. O. cows to offer, might spare a few bred heifers. Holstein are the most profitable cattle—figures prove it.

F. J. SEARLE,
Oskaloosa, Kansas.

ROCK BROOK FARMS—HOLSTEINS. Special offer on 10 bulls 4 to 10 months old. Ten cows to freshen in the winter and spring, all bred to select bulls.

These are a high class lot and will be sold worth the money. Mention this paper and get a dollar free.

HENRY C. GLISSMANN,
Station B, Omaha, Neb.

ANGUS CATTLE

PARKER PARRISH & CO.

Hudson, Kan.

Pure Blood Angus Cattle

Herd bulls: Japan Ito, Envoy 2d, Evener 2d, Jelts Hale Lad. 400 in herd, Violet's best blood, can ship on Mo. Pac., Santa Fe or Rock Island. Stock for sale at all times.

80 Angus Bulls

OF SERVICEABLE AGE.

Herd Headers and Range Bulls. Many of them by Champion Ito.

SUTTON FARMS. Lawrence Kan.
500 HEAD IN HERD.

POLLED DURHAM CATTLE

BELVEDERE X2712-195058

Son of the \$1,500 Grand Victor X1635 150365 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.

JERSEY CATTLE

LINSCOTT JERSEYS

offers a few choice cows in milk and some bred heifers. Milk and butter records accurately kept.

R. J. LINSCOTT, Holton, Kansas.

Jerseydale Stock Farm

Imported and American Bred Jerseys.

Carthage, Mo.

PHIL HANNUM, JR., OWNER.

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

Grade Jerseys bought on commission.

I have already for service a few grandsons of Merry Maiden's Third Son, Financial Count, Eurybia's Son and Fountain's Eminent. Prices and extended pedigrees upon application. These bulls will make excellent dairy sires and are fit to head any herd registered in A. J. C. C.

W. N. BANKS, Independence, Kan.

GOLDEN RULE JERSEYS. Headed by Omer's Eminent 85865. For sale bull calf six months old, sired by Beatrice Stockwell and out of dam by Silverline's Lad. Recorded and tuberculin tested. Splendid individual.

JOHNSON & NORDSTROM,
Clay Center, Kansas.

DETCH-BRED CATTLE—A few young animals of choice breeding for sale. Springfield Stock Farm, Concordia, Kan.

OAKDALE STOCK FARM.

Granger, Mo., will, on Nov. 3, 1910, sell a draft of 44 head of Shorthorns of the richest breeding, sired by Imported Craibstone No. 150955 and Flower Knight No. 284128, bred by March Knight. 28 heifers sired by Craibstone and bred to show bull, Flower Knight. Ten head young bulls, bred from Flower Knight. One imported Craibstone bull, a show calf. Catalogues.

JOSEPH MILLER & SONS,
Granger, Mo.

SHORTHORN CATTLE

8 YOUNG SHORTHORN BULLS for sale, Scotch and Scotch Topped. Good individuals. Will sell few cows and heifers. Poland China sale Nov. 11.

S. B. AMCOATS, Clay Center, Kansas.

SHORTHORNS

A few choice heifers for sale, nicely bred and good individuals, priced reasonable. Write or come and see my herd.

C. H. WHITE, Burlington, Kan.

Center Grove Stock Farm

Scotch Shorthorns for sale.

300 head large type Poland Chinas, with extra quality. Herd headed by Erie Expansion. Prices reasonable. Bell phone.

J. W. PELPHREY & SON,
Route 6, Chanute, Kansas.

FOR SALE.

Five extra good Scotch and Scotch Topped bulls, 10 months old. Roans and reds, sired by Victor Archer and Forest Knight by Gallant Knight. Priced right.

R. A. STEWART,
Hutchinson, Kansas.

Humboldt National Stock Farm

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

H. F. PELPHREY & SON,
Humboldt, Kansas.

GOLDEN KNIGHT.

by Golden Prince by Gloster, at head of herd; a few choice heifers for sale, excellent breeding; also Percheron stallion colts. Prices reasonable.

JNO. W. TREADWAY, Kincaid, Kan.

Tomson Shorthorns



We expect to exhibit our show herd, chiefly the get of Gallant Knight's Heir and Barmpton Knight, at several western fairs. We have a few choice females and several splendid young bulls for sale.

T. K. TOMSON & SONS, DOVER, KAN.
R. R. Station Willard, on E. L., 16 miles west of Topeka.

10-SCOTCH BULLS-10

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

COL. ED GREEN, Florence, Kan.

SHORTHORN SALE.

On Wednesday, Nov. 9, 50 head Shorthorn cattle, large portion heifers. Send for catalogue.

ISAAC MOVINGER & SONS,
Kirksville, Mo.

TWO SHORTHORN BULLS

14 and 18 months old. Choice breeding and fine individuals. Will sell cheap. Call on or address

FREELAND & WILLIAMS,
Valley Falls, Kansas.

HEREFORD CATTLE

SPRING CREEK HERD HEREFORDS.

Headed by Christy 28417, Prairie Donald by Beau Donald 7th, and Sir Morgan by Onward 18th. Cows of Anxiety 4th, Resold, etc., breeding, including imp. animals. Over 400 head in herd. Few choice young bulls and some females for sale.

TOM WALLACE,
Barnes, Kansas.

POULTRY RANCH FOR SALE.

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

POULTRYMAN, Kansas Farmer Office.

D. C. YOUNG STRAIN of S. C. White Leghorns, prize winners at three state shows. Eggs, \$1.50 for 16; \$6 per 100. Banded Rocks, "Ringlet" strain, \$2 for 15. Eggs packed with care.

C. H. McALLISTER, Carmen, Okla.

BUFF PLYMOUTH ROCKS.

A FEW CHOICE BREEDING COCKERELS. Bred from my prize winners, at three dollars each or two for five dollars, while they last.

C. B. BAKER,
Box 7, Abilene, Kan.

BIG SMOOTH POLAND CHINAS

We will sell at Butler, Mo.,

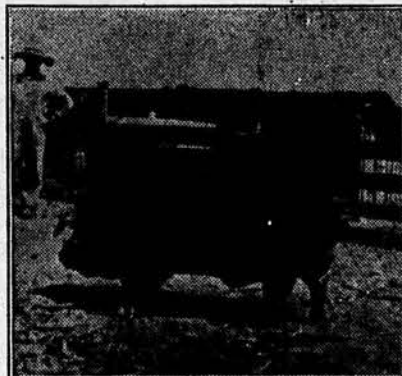
FRIDAY, NOVEMBER 4, 1910

**63 Head of Sows, Boars and
Gilts, 63 Head**

Five Fall Boars and 27 Spring Boars. Some choice Herd Headers. Three Tried Brood Sows—all three good ones. Ten Fall Yearling Gilts—extra large and smooth. Eighteen Spring Gilts—the best we ever raised.

In this offering is the get of Big Hadley, King Ex. 3d, John Ex., King Blain, and Blain's Wonder.

These Boars are known to all the breeders of large, smooth Polands. They need no comment or introduction. This sale offering is above the average and you won't be disappointed when you see them. Here is a chance to buy a young



herd boar. They have been bred for quality and grown for size on blue grass and white clover with small grain ration. They are healthy and in good condition. Write at once for a catalog. We have no mailing list.

KING EX. 3D.

Come to our sale rain or shine. Sale right in town. Send mail bids to either auctioneers or fieldmen O. W. Dev' representing Kansas Farmer. For catalog address,

BAKER BROS. BUTLER, MO.

AUCTIONEERS—C. F. Beard, Jas. W. Sparks, Frank Green, C. E. Robbins.

RED POLLED CATTLE

CHOICE RED POLLED CATTLE. Herd the oldest in Marshall county. The best in breeding and individuality. Stock for sale at all times.

AULD BROS., Frankfort, Kansas.

RED POLLED CATTLE. A few choice young bulls for sale; also a few cows and heifers.

C. E. FOSTER, Eldorado, Kan.

COBURN HERD OF RED POLLED CATTLE and Percheron Horses. Young stallions, bulls and heifers for sale.

Geo. Greenmiller & Son, Pomona, Kan.

BERKSHIRES

RIVERSIDE FARM BERKSHIRES.

Herd headed by Kansas Baron and Uneda's Longfellow. A few choice spring pigs for sale. You will find herd headers among them.

RAYMOND G. BROWN,
Minneapolis, Kansas.

AUCTIONEERS

H. R. LITTLE Live Stock Auctioneer
Abilene, Kan.



A close student of men and methods with twenty years' experience as a breeder of Shorthorns. Entire time devoted to auction work. Reasonable charges for first class service. Write or phone.

LET ME BOOK YOUR WINTER SALE DATE.

Can make right terms and give satisfaction. On block or in the ring. Write, wire or phone.

COL. RAY PAGE,
Friend, Neb.

JAS. T. McCULLOCH

Makes a business of crying sales of pure bred stock. Has conducted some of the best sales ever held in Kansas. For terms and dates address him at

Clay Center, Kansas.

FRANK J. ZAUN.

Live Stock Auctioneer. Independence, Mo. Am selling for the best cattle and hog breeders in the West. Terms very reasonable. Write or wire for dates.

"Get Zaun, He Knows How."

Jas. W. Sparks AUCTIONEER,
Pedigreed Live Stock,
Marshall, Mo.

LARGE ENGLISH BERKSHIRE HOGS

for sale by

H. U. McCURDY & CO.,
Hutchinson, Kansas.

OHIO IMPROVED CHESTERS

MOSSE OF KANSAS

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

ARTHUR MOSSE,
Leavenworth, Kansas.

MAPLE LEAF O. I. C's.

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

R. W. GAGE,
R. D. 5, Garnett, Kansas.

AMERICAN HAMPSHIRE AND CHESTER WHITE SWINE.

Get prices of the "Black and White" Stock Farms spring boars and gilts of these two popular breeds.

ORIE J. SMITH, Kirksville, Adair Co., Mo.

FRANK REGAN, ESBON, KAN

Years of continuous selling has proved my ability and my employers are my best advertisers. Write, wire or phone for dates.

JOHN D. SNYDER

AUCTIONEER.

Winfield, Kansas.

I sell for many of the most successful breeders.

LAFE BURGER

LIVE STOCK AUCTIONEER.

Write or wire me for date.

WELLINGTON, KAN.

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.

W. C. CURPHEY

LIVE STOCK AUCTIONEER.

Write, phone or wire me for dates.

ABILENE, KANSAS.

COL. AR. G. ANDERSON

Live Stock and Real Estate Auctioneer.

Years of experience, and a graduate course in one of the best auction schools, enables me to get the value of your stock and property.

List your Live Stock, Merchandise and Exchanges with me. Sales cried and business solicited anywhere. Write me.

WHAT HAVE YOU FOR SALE OR TRADE?
ARROL, SMITH COUNTY, KAN.

POLAND CHINAS

POLAND CHINAS

DESIGNER. SEARCHLIGHT



Kansas Live Stock History Does Not Give the Names of Two More Consistently Successful Animals Than These, Our Chief Herd Bull and Boar. They and their assistant are the factors in the everyday "make good" business practice which has given us a mighty satisfactory business in

SHORTHORNS and POLAND CHINAS.

Stock for sale at all times; and prices reasonable. Look for our sale dates and send for catalogue; each year better than the year before.

C. S. NEVUS, CHILES, Miami County, KAN.

BIG-BONED POLAND CHINAS

Spring boars for sale, sired by my herd boars; ORPHAN CHIEF by Orphan, JOHN LONG by Long John. The best lot I ever raised. Get your order in early and get your pick of my herd. ROY JOHNSTON, South Mound, Kan.

THE MORTONS

QUALITY AND SIZE POLAND CHINAS. Herd headed by Equipment 51530 by Impudence. For quick sale 20 summer and fall gilts sired by a son of Meddler 2nd, bred for August farrow. Also 3 fall boars. All representations guaranteed. THE MORTONS, Tampa, Kansas, Marion County.

SPRING BOARS AND GILTS.

And Little Baier, he a grand son of On and Little Bear, he a grandson of On and On. We can please you in size, quality and price. Also one good yearling Shorthorn bull for sale. S. B. YOUNG, Glasco, Kansas.

EUREKA herd of pure bred Poland Chinas and Duroc Jerseys. 115 head to select from, with quality, size and good litters. Order early and get the best, ready to ship after Aug. 1st at farmers' prices. W. H. SALES, Simpson, Kan.

BIG TYPE POLAND CHINAS.

Gold Standard by Chief Gold Dust in service. Sows represent the most noted big type strains. Choice lot of spring pigs. WALTER HILDWEIN, Fairview, Kansas.

CORRECT TYPE POLAND CHINAS.

Headed by Wises' Hadley by Big Hadley. Sows by What's Ex., Kansas Chief, Nemo. L's Dude, etc. 75 choice pigs to pick from. BERT G. WISE, Reserve, Kan.

ALBRIGHT'S POLAND CHINAS.

The utility type, headed by N. E.'s Perfection, by S. P.'s Perfection. Sows in herd carry the blood of noted sires and have been carefully selected. 40 choice pigs, both sexes, ready to ship. A. L. ALBRIGHT, Waterville, Kansas.

POLAND CHINAS WITH SIZE.

Headed by Pawnee Look. I have bred pure bred Poland for 26 years and have learned many valuable lessons, and in the future shall breed nothing but the big smooth kind. More hog and less hot air. F. P. OERLY, Oregon, Missouri.

LAREDO HERD

Chinas headed by Impudence Style 133237, a few choice pigs for fall farrow and sale. 15 fall, 9 other gilts. Laredo, Missouri.

G. W. McKNA.

200 LARGETYPE POLAND CHINAS. Herd headed by Big Hadley, 2nd and John Ex. Young stock for all times. A few choice Hadley boars. CHARLES Z. BAKER, Butler, Missouri.

POLAND CHINA HERD BOAR

for sale. O. K. Chief, a great breeder. Can't use him longer to advantage in herd. Will price reasonable. Public sale at farm Nov. 2. Write for catalog. R. J. PECKHAM, Pawnee City, Neb.

STUMP'S BIG POLAND CHINAS.

200 head in herd. Kansas King by Granite and Capt. Hutch by Captain Hutch in service. Great lot of pigs to select from. Write for prices and descriptions. W. R. STUMP, Blue Rapids, Kansas.

ELMDALE POLAND CHINAS.

Over 100 head in herd. Our aim quality and size. Choice lot of spring pigs for sale. Reasonable price. C. S. MOYER, Nortonville, Kansas.

THE HAWTHORNE POLAND CHINAS.

Ten Strike, grand champion at the Oklahoma State Fair, 1908, heads the herd. Special prices on 20 strictly top quality sows. These boars are of December and January farrow, good enough to head any herd. 50 choice gilts at very low price. All pedigrees furnished when hogs are delivered. T. M. CHAMBERS, Oswego, Kansas.

SUCCESSFUL SWINE RAISING

J. R. Sparks, breeder of fancy Poland Chinas, has compiled a valuable book on "How to grow, breed, feed, judge and exhibit in strong competition." This is one of the best of its kind. Write at once and mention Kansas Farmer. Address J. R. SPARKS, Hunter, Oklahoma.

PEERLESS PERFECTION 2D.

Grand Champion at American Royal, 1906, heads my herd of Richly Bred Poland China Sows. "Peerless Pigs" are always good sellers. I have a few choice boars and gilts by him, also sows bred to him for sale. F. J. MILLER, ST. JOHN, KAN.

100 POLAND CHINA SPRING PIGS.

Bookings orders to ship later. Get your order in early and get first choice. Mostly sired by Filbuster 156605, a heavy boned son of the great Meddler 2d. Pigs out of dams of the best breeding. 240 head in herd. Description guaranteed. J. D. WILFONG, Zenda, Kan.

GRANER'S BIG TYPE POLAND CHINAS.

Headed by Guy's Monarch 51415, the boar with frame for 1000 lbs. and 19 1/2 inch bone. Sows, daughters of Expansion, Colossus, Bell Metal, Big Hadley, What's Ex., etc. Choice spring pigs for sale, by Expansion, Colossus, Expansion and Guy's Monarch. H. C. GRANER, Lancaster (Atchison Co.), Kan.

GRAND PERFECTION 77899.

Spring pigs. Boars and gilts by this pig for sale. Price \$15.00. JEWELL BROS., Humboldt, Kan.

SULLIVAN COUNTY HERD.

Poland Chinas. 200 head in herd, best blood known to the breed. For sale eight choice fall gilts; also eight Collier pups. FULLER BROS., Humphreys, Missouri.

SPRING MALES AND GILTS.

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

BAKEWELL'S EXPANSION POLANDS.

Headed by Expansion Over 53110. Boar with immense size and good quality. Sows are daughters of old Expansion, Pan Famo, Grand Look, etc. Herd established 25 years. Choice spring pigs for sale. See Expansion Over at Nebraska State Fair. J. W. BAKEWELL, Endicott, Neb.

LOBAUGH'S BIG SMOOTH ONES.

For sale, 15 strictly top boars and 40 extra good gilts, early farrow; all but two litters sired by Kansas Ex., the best breeding Expansion bred boar in Kansas; out of sows by Chief, the 1,000-pound Mouw bred boar. A. C. LOBAUGH, Washington, Kansas.

175 BIG TYPE POLAND CHINA PIGS.

Both sexes, March and April farrow, sired by Bell Metal M. 54349 and Success 53651. Heavy boned and strong. Strictly big type, reasonable prices. J. E. BOWSER, Abilene, Kansas.

BROS. HERD POLAND CHINAS.

Re. Stryker Bros. a breeding herd in the West. The greatest show and make the West. Write your want, please you. Buy the best, most. They breed the kind that you want. Address Stryker Bros., Fredonia, Kansas.

80-FEBRUARY POLAND CHINA PIGS-80

Large, smooth and good individually. Sired by my herd boars: Wilkes Again and Grand Success, out of as fine a lot of big type sows as there is in the West. Inspection invited. J. B. WHIPPLE, Falls City, Nebraska.

RIDGEWAY STOCK FARM—Big Type Poland Chinas, headed by Union Leader, Major Hadley and Hadley Prince. Sows by Expansion, Grand Look, Big Hadley, Bell Metal, etc. Spring pigs by herd boars and Colossus. W. R. Webb, Bendena, Kan.

EXPANSIVE.

The 1,000-lb boar heads my herd of Big Smooth Poland Chinas. A few choice boars by him for sale. Fall sale November 1. H. B. WALTER, Effingham, Kansas.

GEO. SMITH'S BIG POLANDS—Headed by Mammoth Hadley, the best son of Big Hadley. Sows, daughters of King Do Do, Johnson's Chief, Gold Metal, First Quality, Chief Gold Dust. 5 litters by Grand Model by Grand Chief. 100 choice pigs doing well. George W. Smith, Burchard, Neb.

BLUE GRASS VALLEY STOCK FARM.

Big boned Poland Chinas. Herd headed by Big Hadley, King Ex. 3d, Long John the 2d and Missouri Wonder. Four of the best breeding boars of the breed; young stock for sale at all times; everything guaranteed as represented. W. A. Baker, Butler, Mo.

HARTER'S BIG KIND POLAND CHINAS. Headed by Morgan's Monarch 45858 and Capt. Hutch 39068. Over 100 choice pigs to select from. Visitors made welcome. Also Barred Rocks. J. H. HARTE, Westmoreland, Kansas.

MEISNER'S BIG POLAND CHINAS.

Headed by Metal Choice. Sows are daughters of such sires as Nebraska Jumbo, Pawnee Chief, Big Hadley, etc. Fifty fine spring pigs to date and more sows to farrow. Inspection invited. T. J. MEISNER, Sabetha, Kansas.

DEER PARK STOCK FARM.

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

D. A. WOLFERSPERGER,

Council Grove, Kansas.

SUNNY SLOPE STOCK FARM.

Poland China hogs, Shorthorn cattle and Shropshire sheep. 50 growthy spring boars and gilts. Yearling and spring rams for sale. Visit my herd and make your selections or write me and mention the Kansas Farmer.

W. T. HAMMOND,

Portis, Kan.

BIG TYPE POLANDS.

Toulon Prince 50559 heads herd. Mated to 700-lb. sows. Choice pigs, either sex, for sale. L. E. KLEIN, Zeandale, Kan.

WALBRIDGE POLANDS

WORTH THE MONEY.

Boars: \$25, \$35, \$50. Gilts and sows: \$25, \$35, \$50, \$100. L. C. WALBRIDGE, Russell, Kan.

DUROC JERSEYS

Sunshine Herd Poland Chinas

An exceptionally fine litter of March pigs by Bandmaster out of a Chief On and On sow. A. L. ALBRIGHT, Pomona, Kansas.

FOR SALE.

Spring pigs by Hadley, Spangler's Wonder and Logan Look, priced very reasonable for quick sale. Write at once.

HARRY W. HOAK,

Attica, Barber County, Kan.

CHOICE POLAND CHINA PIGS.

Sired by Voter 133333, Perfect Mischief 48911, Senator and Voter's Pride. Pigs of equal breeding and richly bred. Pigs ready to ship. Attraction's Voter's boars out of Meddler dam. W. C. MILLIGAN, Clay Center, Kansas.

MEDDLER SUNSHINE

by Meddler 2d, grand champion Kansas state fair, 1910, and On the Spot by On and On, head my herd of richly bred

POLAND CHINA SOWS.

Boars, gilts and sows bred to the herd boars for sale. E. J. MANDERSCHIED, ST. JOHN, KAN.

GOLD METAL 43343

by Bell Metal 40388 heads my herd of big type Poland. Breeding stock for sale at all times. Prices right. Fkwf ob Gm IPP -cFF, JOHN C. HALDERMAN, Burchard, Neb.

DUROC JERSEYS

RIVER BEND HERD DUROCS.

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

ALFALFA STOCK FARM DUROCS

Over 300 head of spring pigs now on the farm, the sires of which were sired by such boars as Ohio Chief, Billie K., Prince Wonder and from sows equally well bred. Fifty boars have been selected from a bunch of 250 and reserved for breeding purposes. Will quote you prices on single animals or in any size lots to suit. Address PEARL H. PAGETT, Beloit, 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, Hutchinson, Kansas.

20 BIG, GROWTHY DUROC BOARS.

Sired by King Dandelion and Kansas Model. Price \$20 and \$25. Also a few choice gilts for sale. L. T. SPEELMAN, Route 8, Paola, Kan.

CEDAR LAWN HERD.

Twenty boars for sale by Long Wonder 1867 and Lincoln Chief 91913, a son of Chief Tatarax. Will also offer some spring gilts at reasonable prices by such dams as Josie Surprise, Bessie Advance, Proud Queen by Ohio Chief. F. M. BUCHHEIM, Leecompton, Kansas.

ANDERSON'S HIGH CLASS DUROCS.

Choice spring pigs sired by three great boars, for sale at reasonable prices. For information write C. O. ANDERSON, Manhattan, Kansas.

JEWELL COUNTY HERD.

Headed by Bonney K. 74075, all prominent blood lines represented. Fall sale Oct. 27. Sow sale Feb. 1, 1917. W. E. MONASMIT, Formosa, Kansas.

SAMUELSON BROS. DUROCS.

Fifty spring boars for sale, the pick of 300 head of spring pigs, sired by 10 different sires; good growthy fellows; heavy bone; the best of color; good quality. We can suit you in blood lines and quality. Our price right. Come and see or write us. Samuelson Bros., Cleburne, Kan.

SOWS, AUGUST FARROW.

and gilts sired by Bell's Chief richly bred boars. Will safe. Pawnee City, Nebraska.

DUROC SOWS.

4th and bred to sell and ship when FRANK VETISKA, Jr., aged 1909.

SPRINGBANK DUROC.

Headed by W. H.'s Col. first yearling boar Hutchinson State Fair, assisted by Chief Orion, third prize bear.

Sow Sale—Ten tried sows by Chief Orion bred to W. H.'s Col. Come and see them. W. H. WILLIAMSON, Raymond, Kansas.

CHOICE DUROC BOARS FOR SALE.

Good individual descendants of Orion, Valley Chief, Farmer Burns, etc. Reasonable prices.

O. A. TILLER,

Pawnee City, Neb.

GOETHE'S DUROCS.

I have for sale 40 extra good boars, March and April farrow. Sired by Big Crimson 69413, Walnut Wonder 81111 and Crimson Bob. Out of matured dams of the very best breeding. T. E. GOETHE, Leonardville, Kansas.

R. & S FARM

Public sale Oct. 29 or 25 choice Duroc-Jersey boars and 15 gilts. All early spring farrow, sired by Golden Ruler No. 80565 and King of Kant Be Bent No. 83333. Bred sow sale Feb. 8, 1917.

RINEHART & SON,

Smith Center, Kansas.

DUROC SOWS and GILTS

DUROC SOWS AND GILTS.

20 choice fall yearling gilts for quick sale. 10 tried sows, at prices to move them. Will breed and hold until safe. Fall sale Nov. 4.

CHAPIN & NORDSTROM,

Green, Kansas.

SPRING BOARS AND GILTS.

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

When writing advertisers please mention Kansas Farmer.

HILLWOOD STOCK FARM

Breeders of Hampshire hogs. Twenty bred gilts for sale. Service boars, pairs and trios, no kin. The celebrator boar Erlanger 1039 heads this herd. Address J. Q. EDWARDS, Platte City, Mo., Route 3.

Davis' Famous Duroc Jerseys At Auction

Sale at farm adjoining Fairview, Kan.

TUESDAY, OCTOBER 25TH

Two choice fall boars, 1 spring yearling boar, 30 spring boars and a few selected gilts. Spring boars and gilts were sired by Monarch 91927 by Monarch, dam full sister in blood to Ohio Chief. Others sired by Crimson Rule Comb, Crimson Wonder and Golden Rule breeding. Dams of pigs include King of Ohio Chief, Orion and Kant Be Boar sows.

Catalogs now ready. Bids may be sent to J. R. Johnson in my care. C. H. Marlon, Auctioneer.

J. B. DAVIS,

Fairview, Kan.

FIELD NOTES.

Sixteen Big Type Boars.

H. C. Graner, a regular advertiser in Kansas Farmer, has decided not to hold a fall sale and has for sale privately 16 choice spring boars sired by his large boar, Gay Monarch. A few are by Walter's Expansive. These boars weigh from 175 to 200 pounds and have 6½ and 7-inch bone. Write for description and price.

On Nov. 9, 1910, Isaac A. Novinger & Sons of Elm Grove Stock Farm, Kirksville, Mo., will hold their ninth annual Shorthorn sale, at which time they will sell 50 head of richly bred cattle, the major portion of which are Scotch. Anyone wanting good cattle to start a herd will find in this herd a large number of individuals to select from. Novinger & Sons are the veteran Shorthorn breeders of that section of Missouri and Elm Grove Stock Farm has long been famous as the home of the richest bred Shorthorn cattle in that section. See ad in Farmer and send for catalogue.

The Taxpayer Kind.

On Nov. 1 H. F. Pelphrey of Humboldt, Kan., will hold his first Poland China sale. We would ask all the lovers of the Poland China breed to attend this sale and help all they can to make it a good profitable one. The offering will be in fine shape. There will be six fall yearlings, 24 spring gilts and 20 spring boars. They are big and growthy and not overfed, well grown, and are sired by such boars as Tax Payer, Spangler's Hadley, Sheldon's Hadley, Logan Ex., Orphan Chief, Erie Expansion, Major Look, Erie King, Wedd's Expansion, Designer and other good boars, and are out of the very best sows on the farm. Such an opportunity is seldom offered to secure so many different lines of breeding as will be found in this sale. Here is the chance to get your herd boar that cannot be surpassed in size, breeding or quality—big, strong boars that will make big hogs, broad heads and backs, strong bone, the kind Tax Payer gets. Mention Kansas Farmer when you write.

Amcoats Buys Gifford Shorthorn Herd.

S. B. Amcoats of Clay Center, Kan., one of the young Shorthorn breeders of Central Kansas who is becoming well known as a breeder of the best, has recently purchased the entire Gifford herd. Mr. F. M. Gifford, proprietor of this herd, has for the past two years been reducing the size of the herd, only keeping over a few of the very choicest individuals from his best families, so the cows and heifers purchased comprise 30 head that Mr. Gifford has not before priced to anyone. They are representatives of the Butterfly, Young Mary, Rose Mary and Josephine families. Fifteen of the 30 are straight Scotch. The Gifford herd was established 37 years ago with stock from the best herds of Kentucky and has continued as a working herd ever since. During that time 28 public sales have been held. While in a measure it is a loss to the cattle interests for a man like Mr. Gifford to leave the field as a breeder of good cattle, no one will envy him the rest and freedom from business which he so much deserves after so many long years of painstaking effort. Mr. Gifford could not have found the courage to scatter the herd which represents and means so much to him, but in Mr. Amcoats' hands he knows they will receive that same good careful attention that their ancestors have received. The Amcoats herd now numbers almost 100 and takes rank among the best Kansas herds.



Meddler Sunshine, grand champion Poland China boar at State fair at Hutchinson, Kan., 1910, owned in partnership by Miller & Manderscheid, St. John, Kan.

Orvil J. Smith, Kirksville, Mo., is a new advertiser in the Farmer. Mr. Smith is one of the leading breeders of Hampshire and Chester White hogs. His Hampshire herd is headed by Hercules No. 3785, and prolific qualities are carefully considered in selecting breeding stock. Mr. Smith now has about 160 head to select from.

C. R. Thomas, who has been the very efficient secretary of the American Hereford Breeders' Association for 27 years, has resigned, and rumor has it that Prof. R. J. Kinzer of the Kansas Agricultural College has been tendered the position. Prof. Kinzer can do the work all right, but he is needed at home, and we sincerely hope he will decide not to accept.

Two Shorthorn Bulls.

With this issue H. H. Holmes of Great Bend, Kan., is advertising two Shorthorn bulls of serviceable age. They are sired by Royal Ramsden, a herd bull that is an exceptional individual of the richest Scotch breeding. He was the best bull of his age at the Nebraska State Fair in 1908. The two young bulls advertised are good prospects for herd headers and are well grown out. Look up the ad in this issue and write Mr. Holmes for prices. Kindly mention the Kansas Farmer.

Kramer for Big Polands.

D. A. Kramer, the veteran Poland China breeder of Washington, Kan., reports good inquiry and sales through Kansas Farmer this fall. He has the best bunch he has ever raised out of big Expansion sows and sired by his great young boar, L's Hadley by King Hadley, sweepstakes boar at Nebraska State Fair last year. Part of the pigs are by Grand Look and Price We Know sows. Mr. Kramer has sent out as large a percent of pigs that have made good as any

breeder now in the business. Rest assured that you will get them exactly as represented if you buy here.

Three Farm Snaps.

B. H. Dunbar, Tyro, Kan., one of the old advertisers in this paper, this week advertises for sale three good farm bargains. Look up his ad on Kansas land page and write him for full particulars. Kindly mention Kansas Farmer when writing.

valuable boars. On Nov. 5 he will sell a draft of this great herd. Send for a catalog. Please mention the Kansas Farmer.

Herefords and Durocs.

On Nov. 1 Sam Drybread will sell 45 head of registered Hereford cattle and on Nov. 2, 50 head of Duroc boars, sows and gilts. In the sale of Hereford cattle there will be 10 young cows, 10 2-year-old heifers, 15 yearling heifers and 10 young bulls. The Anxlety, Grove 3d, Lord Wilton, March On and

Walter's Expansive.

One of the most remarkable Poland China boars now living in Kansas is the grand old sire Expansive, owned by H. B. Walter of Effingham. Although now in his seventh year he looks better than he has for years, and has sired for Mr. Walker the best lot of pigs ever seen on the farm and as good a bunch as was ever offered at public auction in Kansas. Mr. Walter's sale date is Nov. 1.

Tiller Buys Herd Boar.

O. A. Tiller, the successful Duroc Jersey breeder of Pawnee City, Neb., has purchased from Frank Vrtiske of same place the best boar raised this year out of his great sow Nebraska Wonder by Prince Wonder. The sire of the pig is the great boar Ohio Colonel first prize and sweepstakes boar at Hutchinson this year. The pig is a mighty good one and sows bred to him should be in demand at Mr. Tiller's Feb 8 bred sow sale. Mr. Tiller has spring boars for sale.

Stafford Makes Good Sale.

On Wednesday, Oct. 12th, W. B. Stafford of Bronson, Kan., held a very successful sale of 40 head of Poland Chinas. There was a good local crowd and several breeders from a distance, both from Kansas and Missouri. This was Mr. Stafford's first sale and he has made a lasting impression with the breeders. While Mr. Stafford is a very modest man in speaking about his own herd—we can say as field man for Kansas Farmer, that he has one of the good herds of Poland Chinas that we know of. Mr. Stafford is not only a breeder but a feeder. The sale was conducted by Col. F. J. Zaun and Col. Smock, who made a very able team. The top of the sale was \$80. The total for 40 head, most all spring pigs, was \$1,201.00, making an average of \$30.00.

Following is the report by catalog:

- No. 1. Silk Lassie, by Silkworm; D. A. Morris, Bronson, Kan., \$40.00.
- No. 2. Tidy, by Silkworm; J. E. Bundy, Parker, Kan., \$37.00.
- No. 3. Lady Lou, by Meddler 2d; L. M. Garrison, Bronson, Kan., \$45.00.
- No. 4. Amella, by Meddler 2d; D. V. Stoll, Lone Elm, Kan., \$39.00.
- No. 5. Katie, by Silkworm, F. B. Pettypool, Bronson, Kan., \$31.00.
- No. 6. Meddler's Lassie, by Meddler, J. M. Davis, Bronson, Kan., \$35.00.
- No. 7. Nellie, by Frank's Combination; H. F. Pelphrey, Humboldt, Kan., \$38.00.
- No. 8. Gilt, by Perf. Likeness; J. E. Bundy, Parker, Kan., \$30.00.
- No. 9. Chubby, by Nobleman; Christ Ermel, Bronson, Kan., \$35.00.
- No. 10. Wavy, by Nobleman; C. B. Palmer, Uniontown, Kan., \$30.00.
- No. 11. Gilt, by Nobleman; Will Crowley, Richards, Mo., \$32.00.
- No. 12. Gilt, by Nobleman; J. M. Davis, Bronson, Kan., \$28.00.
- No. 13. Gilt, by Nobleman; M. M. Adams, Kinkaid, Kan., \$26.00.
- No. 14. Gilt, by Nobleman; J. M. Davis, Bronson, Kan., \$28.00.
- No. 15. Gilt, by Nobleman; Will Crowley, Richards, Mo., \$27.00.
- No. 16. Gilt, by Nobleman; J. R. Young, Richards, Mo., \$21.00.
- No. 17. Gilt, by Nobleman; Edw. Shively, Bayard, Kan., \$26.00.
- No. 18. Gilt, by Nobleman; C. A. Swanger, Moran, Kan., \$26.00.
- No. 19. Gilt, by Nobleman; Fred Goodno, Bronson, Kan., \$25.00.
- No. 20. Gilt, by Nobleman; C. A. Swanger, Moran, Kan., \$25.00.
- No. 21. Gilt, by Nobleman; Fred Goodno, Bronson, Kan., \$27.00.
- No. 22. Gilt, by Nobleman; L. A. Stafford, Bronson, Kan., \$33.00.
- No. 23. Gilt, by Nobleman; J. I. Paradise, Kinkaid, Kan., \$27.00.
- No. 24. Gilt, by Nobleman; J. M. Davis, Bronson, Kan., \$20.00.
- No. 25. Gilt, by Nobleman; J. R. Young, Richards, Mo., \$21.00.
- No. 26. Gilt, by Nobleman; M. G. Ross, Blue Mound, Kan., \$25.00.
- No. 27. Gilt, by Nobleman; J. R. Young, Richards, Mo., \$32.00.
- No. 28. Gilt, by Nobleman; Will Crowley, Richards, Mo., \$30.00.
- No. 29. Gilt, by Nobleman; J. R. Young, Richards, Mo., \$28.00.
- No. 30. Gilt, by Nobleman; Chas. Johnson, Altus, Okla., \$23.00.
- No. 31. Gilt, by Nobleman; J. R. Young, Richards, Mo., \$30.00.
- No. 32. Gilt, by Nobleman; J. R. Young, Richards, Mo., \$30.00.
- No. 33. Gilt, by Silkworm, W. V. Stoll, Lone Elm, Kan., \$22.00.
- No. 37. Boar, by Silkworm, G. W. Grant, Bronson, Kan., \$20.00.
- No. 38. Boar, by Oak Brook Meddler 2d, Sullivan Bros., Moran, Kan., \$25.00.
- No. 43. Boar, by Nobleman, Park Cotter, Fulton, Kan., \$22.00.
- No. 48. Boar, by Nobleman, W. S. Baker, Blue Mound, Kan., \$20.00.
- No. 52. Boar, by Silkworm, Link West, Kinkaid, Kan., \$20.00.
- No. 53. Boar, by Nobleman, E. D. Johnston, Blue Mound, Kan., \$26.00.
- No. 54. Boar, by Nobleman, C. Miller, Kinkaid, Kan., \$32.00.
- No. 66. Boar, by Silkworm, M. M. Adams, Kinkaid, Kan., \$21.00.

A Simple Method That Is Curing Hogs.

One of the simplest and most inexpensive ways of conditioning hogs and preventing hog cholera and worms is to feed Merry War Lye with their swill. The many letters received by the E. Myers Lye Company of St. Louis from hog raisers all over the country seem to be proof positive that their Merry War Lye that sells at 10 cents a can, at all dealers, is doing the work to the entire satisfaction of all those who have used it. The following words are self-explanatory from Farley C. Crolley, of Patrick, S. C. "Accept my heartiest appreciation of your Merry War Lye, as it is making my hogs look like new hogs." Dealers everywhere sell Merry War Lye at 10 cents per can or box of 24 cans for \$2.00. Every hog raiser should try the experiment. It will save many a hog and make profits in extra fat.

New Selling Plan a Success.

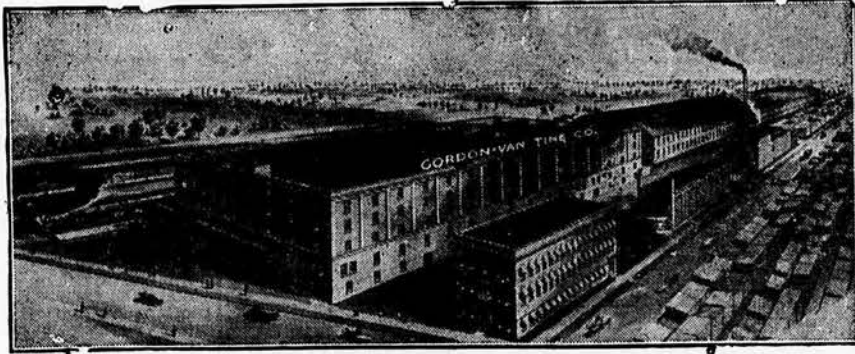
The new selling plan recently inaugurated by the Detroit Engine works, of Detroit, Mich., has proved a tremendous success and one worthy of encouragement by every engine buyer. Their new 15-days' trial proposition makes the buyer the sole judge of the merits of the engine and it is up to him whether he keeps it or not. There is no joker in the offer of the Detroit Engine Works. They enter into an ironclad agreement to refund every dollar paid there for the engine if the engine is not satisfactory in the minutest detail. The Detroit Engine Works gives the buyer of its new kerosene engine the ample time of 15 days to decide if he wants the engine. The buyer is the sole judge—the company in no way attempts to influence his judgment. They have enough confidence in their product to give the buyer every opportunity in the world to work it out. The plan is one which is widely endorsed as being the only fair and equitable one for the buyer. He has a full and free chance to decide whether the engine is adapted to his work. He is the sole judge.

Learning About Autos.

Every farmer who owns an automobile ought to write to the Automobile Training School, 1108 Locust St., Kansas City, Mo., for their free illustrated catalog. This tells about how to become an expert repairer, driver, demonstrator or salesman. An auto costs quite a bit of money, and it pays to take the best care of it. The best auto may get out of adjustment now and then, and until corrected, be useless for service. To find trouble is usually as difficult to the untrained one as it is to repair it. It is, therefore, a good investment to equip one's self with exact technical knowledge. This is not difficult nor unduly expensive. Of course, everything must have a beginning sometime—start investigating today, by writing the above named school, mentioning the Kansas Farmer.

Fairview Herd Poland Chinas.

One of the good herds in Kansas is the Fairview herd, owned by P. L. Ware & Son of Paola, Kan. Everything is kept in order on the Ware farm, a place for everything, and everything kept in the right place. Mr. Ware is a successful farmer and has made a great success raising Poland Chinas. Mr. Ware is one of four good solid men. He believes in growing and breeding a large smooth Poland China, with both size and quality combined into one. It takes a visit to the farm to be convinced that he has the real kind. A number of the spring pigs are sired by Charming 31732, he by Thick-set, dam Maud Perfection by Chief Perfection 2d. A few are by Triple Effect 54959, by Uper Crust, and out of Lady Belle by Big Chief. Mr. Ware has several sows in his herd that are by such boars as Perfection Chip, Finisher, Charming, The Picket, Cute Special, Chief Thompson and other



The New Plant of Gordon-Van Tine Co., Davenport, Iowa, Replacing Their Fire Loss of a Year Ago, Which Fire Cost Them \$250,000. The large advertisement of this firm's great bargains in lumber, mill work and roofing appeared in our issue of October 8 last.

Great Price Wrecking Sale!

— READ THIS WONDERFUL FALL OFFER —

50,000 Bargains

Our stock includes everything from a needle to a locomotive. The largest stock of manufactured articles to be found under the sun. Our wonderful Catalog which we term the "Price Wrecker," tells all about our operations. It is free for the asking. See coupon below. 17 years of honest dealing. Besides our capital stock and surplus is over \$1,000,000. Satisfaction absolutely guaranteed.

What the Chicago House Wrecking Co. Means to You

We are your protection against the high prices usually asked by dealers. Our business is built on original lines. We are known everywhere as the "World's Bargain Center." We save you money. We buy our goods at Sheriffs' Sales, Receivers' Sales and Manufacturers' Sales. Every single article on sale in this ad, is guaranteed brand new and first class. It is equal in quality to goods sold by dealers anywhere. You make no mistake on any selection from this page in sending your order at once. Read every word of this magnificent merchandise offer and you will easily understand why we call our literature, catalogs and booklets "Price Wreckers." This is our vocation—wrecking prices. We do this in the most thorough manner. We save you from 30% to 50% in the purchasing of your everyday wants.

Satisfaction Guaranteed or Money Refunded

If you buy any goods that do not give you satisfaction you can return same at our freight expense both ways, and you will receive your money back in full. Any banker anywhere will tell you who we are, or you can write to the Continental Commercial Bank, or Drovers' National Bank of Chicago. They all know us.

PRINT LINOLEUMS.

MP-59. A Splendid grade of Print Linoleum in exact imitation of quarter sawed oak. 8 ft. wide. Per sq. yd. 39c
MP-61. Patterns of extra heavy grade Print Linoleums. All colors; 2 to 2 1/2 yds. wide. State colors wanted. Price per sq. yd. 42c

HIGH QUALITY SMYRNA RUGS.

M. P. 45. Heavy, reversible Smyrna Rug. Handsome oriental pattern. Red or green ground; border colors tan, blue or red. Can be used either side up. Offered to you at exactly one-half its value. State colors wanted when ordering. 30x60 in. \$0.75. 36x72 in. \$1.50. 6x9 ft. 3.25. 9x12 ft. 6.95

1500 FUR SETS AT \$1.85.

A Great Bargain in Fashionable French Coney Fur Sets. Scarf is throw style, is 54 ins. long and lined with satin. Muff is shield design and warmly padded; lined with Farmer's satin. Is 12 ins. wide 13 ins. long. Cannot be duplicated under \$5.00. Colors, black or brown. 27-A-1000. (Postage 22c) \$1.85

MAGNIFICENT SUIT LESS THAN COST

We captured an Entire Stock at a ridiculously low price. You get the benefit. Handsome black cheviot suit, newest model, tailored by experts. Coat round sack style; vest popular single breasted. Notice—We send with this suit an extra pair of pants. Cut latest mode. Color, gray; guaranteed. 25-A-52. Suit with extra trousers. \$4.95

NOTTINGHAM CURTAINS.

M. P. 531. These magnificent Nottingham Curtains come white only; 30 in. wide 92 in. long. They are the best value in low-price curtain ever sold. Made of extra quality of net in the newest and most popular designs. Sure to wear well and please you. Per pair. 41c

ELEGANT OAK DRESSER.

1-Z-552. An Astonishing Oak Dresser Value. Colonial style, 4 drawers, brass pulls, safe locks, French bevel plate mirror 24 ins. high; rounded frame, neatly carved top, rounded scroll standards, shapely dresser top 40x19 ins. Good casters, splendid gold-leaf finish on solid oak. Worth dbl. Price only \$6.00

LADIES' TAILORED SUIT.

This Ladies' Mannish Tailored Suit made of Thibet cloth. You could not buy the material alone at our price for this suit beautifully made, stylish and perfect fitting. It is single breasted, straight front, semi-fitted back. Colors black or navy blue. Sizes 32 to 44 in. bust measure. Shipping weight 5 lbs. Price only \$4.95

\$10.00 OVERCOAT-ONLY \$5.25.

This well tailored, perfect-fitting single-breasted Frieze overcoat. Thickly padded and quilted lining. This coat is roomy, durable and stylish. Positively guaranteed. Sizes; 34 to 44 in. chest measure; Length, regulation, 46 in. Average weight 6 1/2 lbs. 25-A-208. Color Black. \$5.25
25-A-209. Color Dark Grey. \$5.25

OUR FAMOUS WOOL SPUN BLANKETS.

24-B. This is our Wool Spun Blanket. Woven from yarn especially prepared. Ends have deep fancy borders and are finished with silk tape. Soft, warm, comfy. Color, gray. Do not show soil quickly. Positively guaranteed Size 62x78 ins. Shipping weight about 4 lbs. A big bargain. Price per pair. \$1.98

GEM STEEL RANGE. \$12.50

1-PW-521. Empire Gem Steel Range, guaranteed in every way. Neat appearing and first-class baker. Price No. 8-10 as illustrated, with reservoir, high closet. \$19.15
Price without reservoir and high closet. \$12.50

LADIES' PATENT COLT BLUCHERS.

This is a rare opportunity to secure high grade patent leather shoes at a give away price. They are made the latest city style. Dull mat top; perforated toe caps. Cuban heels and extension sole. Sizes 2 1/2 to 8; Width C. D. E. and EE. Price per pair only \$1.00
Price per dozen \$10.00

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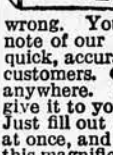
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