

KANSAS FARMER

FOR THE IMPROVEMENT OF THE FARM AND HOME



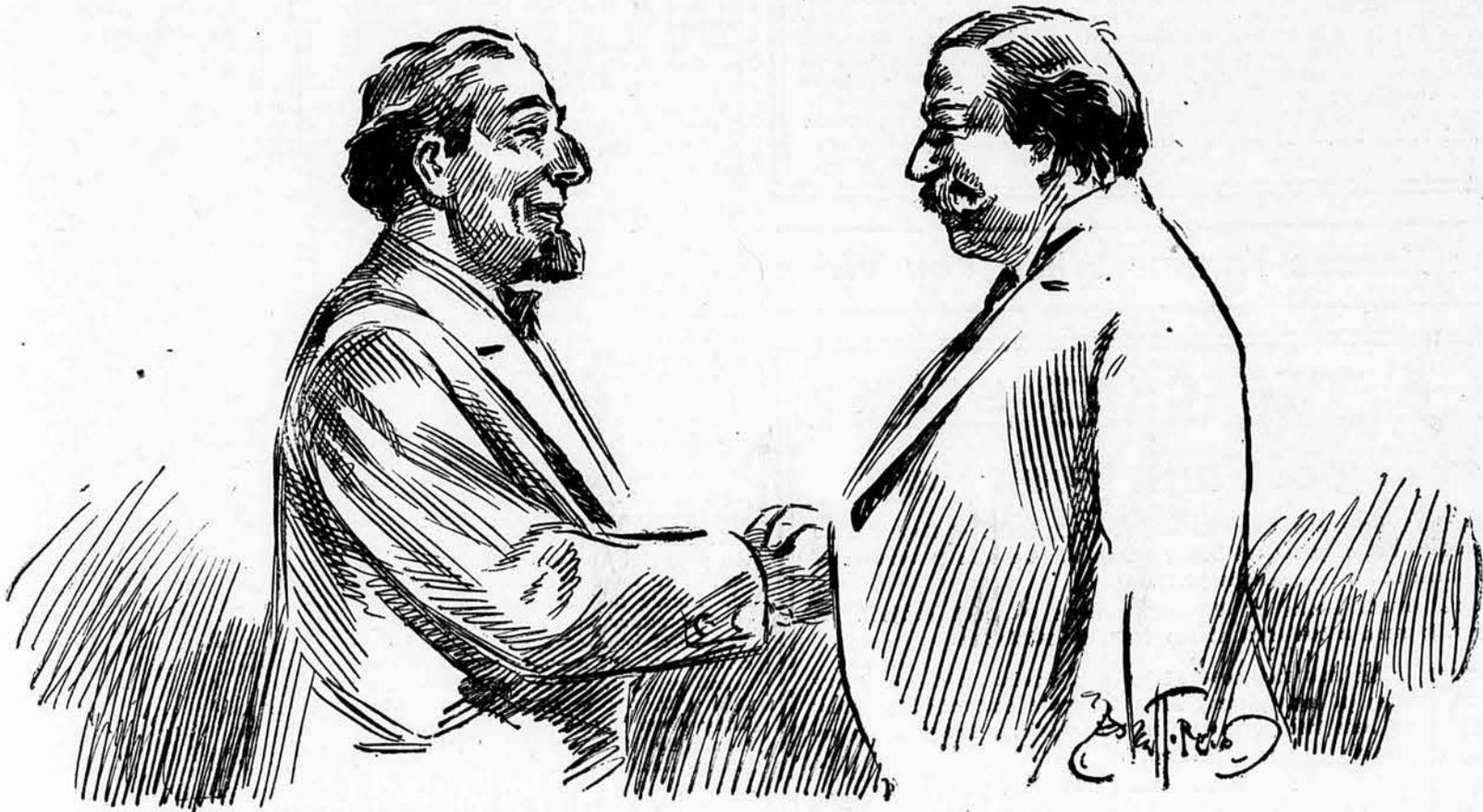
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SINCE the days of Tubal Cain men have ruled by might of brawn or brain. Kings, Princes, Potentates have builded empires, conquered kingdoms and created history through fear, and have been great only in that strange spell—a name.

With none of these America has builded an empire in the wilderness, conquered the kingdoms of earth and air and sky, and made more history in civilization than any other. Her rulers are such by might of brain and heart and soul and the chiefest of them fills the highest office in the gift of man.

In celebrating her golden birth-year, Kansas honors herself by honoring the man who is but a fellow citizen and yet holds the mightiest place on earth—Our President.

—I. D. G.



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KANSAS FARMER, Topeka, Kan.

Buy Pure Bred Cattle Now

By B. O. GAMMON.

Right now is the best time there will be in many years to get a little start in the pure bred cattle business. Here are a few of the many reasons that can be successfully advanced in proof of this assertion. Prices have touched the low point, and the difference between the cost of grades and the cost of pure breeds right now is smaller than it will be again in many years to come. The farmer can come nearer to replacing his grades with pure breeds, head for head, right now than he can in the years ahead of us. Prices for pure breeds have been low for years and in many cases the butchers have bid successfully against the breeders for pure bred cows. The tide is turning now and for the past few months has been on the up grade. Averages at the public sales are on the increase and the man who contemplates investing in a few pure breeds will do well to do his buying at the first opportunity. The bottom has been touched, the rebound is on, and when prices do start upward they have a habit of going by leaps and bounds.

The recent census has shown definitely that there is a shortage of at least ten per cent in all meat producing animals in the United States at the present time, while the population has increased in a much larger ratio. Not only has the number of cattle decreased but the shortage extends to hogs, sheep and poultry as well. Cows and heifers have been marketed with a free hand from the range country, and the run of veals has been away above normal at all killing points. This means that the country cannot hope to recover from the shortage for several years.

There is a growing interest in better stock of all sorts. Prices of farm lands and feeds, as well as labor, have reached a point where the scrub cow or steer is a money-losing proposition from start to finish. Breeders and feeders everywhere are awakening to the fact that the scrub must go. Even in the South, where in some of the states, the average value of all the cattle has been as low as \$7 per head, there is being aroused a desire for improvement. At a recent sale in Mississippi Hereford cattle sold for an average of about \$225 per head. All over the country special trains are being run to interest breeders and feeders in better live stock. The agricultural press is doing more than ever to keep this matter in public attention. From Old Mexico buyers are coming to the United States for foundation stock for pure breeds to improve their native cattle. We are learning that \$100 to \$200 land cannot be held at profitable level of fertility without live stock and that cattle are the best all around animals for using the roughness of the average farm and converting it into a salable article of food. The silo is coming into general use for feeding beef cattle, thus utilizing the 37 per cent of the corn crop that heretofore has gone to waste in large measure in the fields of corn fodder. I feel safe in saying that the next decade will see the strongest demand for the better sort of pure bred cattle that ever has been known in this country.

As this demand for pure bred cattle increases the Hereford breed will profit more from it than any other beef breed. Our reasons for thinking so are several and may be of interest to you. In the first place Hereford cattle are the healthiest breed in the world. This isn't theory but fact. The official reports of government and state veterinarians both in England and the United States show that from 23 to 25 per cent of the other beef breeds respond to the test for tuberculosis and are condemned, whereas for the past eight or ten years, only 4 per cent of all the Herefords tested responded. During the past five years the live stock sanitary board of Minnesota has tested 321 head of Herefords for tuberculosis and not a single animal has reacted or been condemned. You know that with the great agitation that is being given the subject of tuberculosis, facts like these are going to count a lot in turning cattle men toward the Hereford.

Hereford cattle are the best grazers in the world. As land increases in value cattle must be chosen for grazing the grass lands that will return the largest profit per animal per acre. There is no question of the Hereford supremacy here. For twenty years he has been the favorite of the ranchman of the plains where grass beef was a specialty. His native Herefordshire is distinctly a grazing country and he was developed there for hundreds of years as a grazing breed. There is no breed that will make more beef from grass alone than the Hereford.

Hereford cattle are unequalled as feeders. They will go farther for a bit of eat or a drink of water than any other breed. While adverse conditions are to be invited yet the best of countries have off years and when these off years come we want a breed that can maintain itself through a drouth. Herefords find and consume more waste feed on a farm than any of the thin skinned breeds that have to have their feed served them in warm barns. Herefords out-rustle any other cattle.

Herefords will do better on straw, fodder and other cheap roughness than other breeds. They have a roomy pan and vigorous digestion and the best health and breeders who have run them for twenty or thirty years right alongside of other breeds all declare that Whiteface does best on roughness. Herefords will turn your straw stacks and fodder fields into cash.

Herefords are the best feeders. They will make more pounds of gain for feed consumed than any other breed. Their splendid appetite and their ability to stay on feed allows the most economical use of high priced grains and concentrates. The records of "short-fed specials" and other feeding tests show that the Hereford is the most economical feeder.

Herefords are unexcelled in beef type. They have plenty of scale, good body, blocky conformation, short faces, wide between the eyes, have roomy middles, good ribs, heavy quarters, wide backs, thick loins and in fact are an ideal beef type.

Hereford cattle have the best natural protection because they have the heaviest hides and mossiest coats. A heavy hide protects an animal against both heat and cold as well as insect pests. In winter feeding more of the feed goes to beef and less goes to keep up body heat. When the Hereford steer is killed the hide is from 20 to 30 pounds more hide than other breeds. Hides at present prices are worth as much as the better cuts of beef. When comes to protection the Hereford is them all bested.

Herefords are especially noted for their early maturity. When land, labor and feed were all cheap it did not matter much whether it took a steer one year five years to reach maturity and ready for market, but those days are past forever. Every feeder recognizes the fact that the easiest and cheapest gains are made on a young animal and that a calf from birth to fifteen months will make more gain per pound of feed consumed than he ever will at a later date. A calf will make two pounds of gain on the same feed a two-year-old will make in making one pound. Furthermore there is a market demand at all seasons for baby beef while the heavy beef must be marketed at the whim of the packer if it is to bring a profit to the feeder. If it costs \$25 per year to grow and maintain a steer and he sells at fifteen to eighteen months for \$50 to \$60 he has made far more profit than he would have kept two or three years at a cost of \$75 to \$75 and then sold at \$75 to \$90. As the further fact in favor of the early maturing steer is that a man can feed out his calf crop each year and clean the up without having two or three bunches of cattle of various ages all the time. Herefords are absolutely unequalled for baby beef.

Herefords are the most prepotent breed. That is they will breed more after themselves when mated with other breeds or grades. This is due to the fact that they have been bred pure for so long time. In buying a bull to grade up common cattle the matter of prepotency one of the most essential points to be considered for the more prepotent bulls used the more rapidly will the grade herd take on the merits of the pure bred. A good Hereford bull will give fully 95 per cent of his progeny the white face and red body color of the breed and at the same time stamp them with the beefy type and endow them with the feeding qualities of the breed. The matter of prepotency the Hereford cannot be beaten.

Herefords are a prolific breed. The bulls and cows are all sure and regular breeders. The bulls are active and attentive and remain so until of great age. The cows remain productive often up to fifteen years of age and many of them are known to drop calves at the age of twenty or even twenty-five. Hereford bull will sire more calves from a given number of cows in a period of years than any other sort of bull and a Hereford cow will remain "in business" longer than any other sort.

KANSAS FARMER

EDITORIAL

BOY AND GIRL CULTURE

"In our eagerness out here in the Middle West to herald to the world the magnitude of our corn and wheat crops, the superiority of our beef cattle and purebred swine, and the tremendous productiveness of our domestic hen, we are prone to lose sight of the real issue, namely, the splendid crop of strong sons and fair daughters that the country is producing," says Prof. W. A. McKeever of the Kansas Agricultural College, in his introduction to his series of home training bulletins, of which he has already distributed a million and a half.

These bulletins include "The Cigarette Smoking Boy," "Teach the Boy to Save," "Training the Girl to Help in the Home," "Assisting the Boy in the Choice of a Vocation," "A Better Crop of Boys and Girls," "Training the Boy to Work," "Teaching the Girl to Save," each of which is printed separately for free distribution, except that the party ordering shall remit 2 cents per copy to cover expense of mailing.

In his bulletin on "Teaching the Girl to Save," Prof. McKeever writes:

"I have before me the catalogs of several select schools for girls, and have looked them over somewhat carefully. In the courses offered I find that the students are required to take advanced instruction in algebra, geometry and trigonometry and, in a few cases, analytics and calculus. At the same time I find scarcely a single line in any one of the catalogs that even hints of training in respect to the use and abuse of money. This whole scheme seems wrong and foolish to me. Where does the trigonometry apply in a good woman's life? Will it contribute anything toward peace, happiness and contentment in the home? Will it bake any bread, sew on any buttons or rock any cradles? What has the girl as a result of her course in trigonometry? The answer is, trigonometry, and that quickly vanishes from her memory. But the girl who has been taught just how to make a dollar do a dollar's worth of service in supplying the necessities and the reasonable luxuries for her life—that girl has so much permanent culture.

"Far and wide I have made inquiry of parents as to the manner and amount of training they are giving their children in relation to money matters. During all this research I have found the cases of 110 boys who were being given anything like the business training that their conditions demanded, and less than 20 such instances of girls."

Surely, the field is great for the work which the college is doing along these lines in the training of our young people, and the parent can gain inspiration by reading these bulletins.

BUSINESS WAITS ON THE FARMER.

Just at this season of year there is always a lull in business as it is transacted in the cities, and this lull is simply the waiting for crops to move. Small grain crops and part of the hay crop are already made and portions of these have gone to market, but the corn crop is an unknown quantity until it is gathered, and upon this depends much in feeding and fattening operations.

Estimates are made which show that the world's supply of foodstuffs is somewhat short this year, while the number of consumers continues to increase. These, however, are only estimates and do not, in many cases, take into consideration the volume of stored corn and other grains now on hand. People who make these estimates are free to predict that all kinds of farm products will bring better prices next year. Whether they do or not, remains to be seen; but, meantime, we have the spectacle of the whole business world "marking time" until the farmer is ready to market his crops.

According to the Breeders' Gazette an export trade in ground corn cobs is so novel as to occasion comment. A Chicago distillery has filled a German order for 300 tons of this stuff. Stock foods must be rather scarce in Germany if filler of this kind must be imported to mix with prepared feeds. A fire insurance claim from a Tennessee mill a few years ago rated burned corn cobs at such an unheard of price that investigation was made, which disclosed an established trade in ground cobs as stock food adulterant or filler. Cobs possess a feeding value but so slight as to class them practically as an adulterant of ground stock feeds.

THE SOLDIERS' REUNION.

The fiftieth anniversary celebration of the beginning of the Civil War will be held by the soldiers and sailors who still remain, and their camp will be on the Fair grounds at Topeka during the days beginning Sept. 26.

This occasion will be especially significant in that it is not only the celebration of the half century mark since the beginning of the great rebellion, but the celebration of Kansas' Semi-Centennial and the occasion of the laying of the corner stone of the great Kansas Soldiers' Memorial and Historical Building by the President of the United States.

Such a combination of events of such importance has rarely come to Kansas in her later years and the occasion will undoubtedly be made the most of by her loyal and patriotic sons and daughters. It has been a long time since Kansas has received a visit from a President, and this alone would serve to draw crowds to the Capital City, but the importance and significance of these events is considered, there can be no doubt that the city will be crowded to its capacity.

KILLING FRIENDS

Every time a gun is fired which brings down an owl, a hawk, a crow, a raven, a screech owl, a shrike, the farmer loses a friend; and a note of welcome is sounded for the ever-increasing army of wild mice—an army which now counts its numbers in billions, and which yearly lays upon the farmers of the United States a tax greater than the pension bill, as great as the cost of the Panama Canal. For these birds are the natural enemies of the mice—they are the foremost of the agencies with which Nature has proposed to keep the multiplication of these predatory rodents within bounds, says Prof. C. R. Barns. Almost as inviting to the mice is the welcome sounded whenever the gun brings down a fox, a weasel, a mink, a skunk, a raccoon, a coyote, a lynx, a badger or a beaver. Except for an occasional tribute levied on the hen-roost—something against which it is easy to guard—all these animals are harmless, and they find in mice their natural food. In the same category may be placed a great number of harmless snakes.

RECKLESS AUTOMOBILISTS.

The reckless motorists and those who are insolent both in demands and manner to the general public are doing much to provoke antagonism which will react in the whole sport of automobilism, says the Baltimore American. There are a large number of automobilists who operate their machines carefully and with the same care and consideration for the rights of others; who do not abuse their privileges; are not only willing but also anxious to comply with all the provisions of the law and who treat pedestrians with consideration and courtesy. But as in other cases, these innocent ones have to suffer for the sake of the guilty, and will be powerless to check the adverse public opinion which so much recklessness and arrogance are bound to engender. It is another count against the reckless ones that they are bringing discredit and ill feeling against a large class who do not deserve either.

The laws of Kansas now provide for the teaching of agriculture in the common school, but they do not provide the teachers. These will have to be provided in some way to meet this new demand, and the burden of their preparation will fall upon the Agricultural College and the farm press. In the elementary classes the work will, of necessity, be along the lines of nature study, but with advancing years concrete facts must be included in the course of study. Are not the study of how to select and test seeds, the amount of butter-fat yielded by the milk cows, the planting of trees, combating insect enemies, the soil and its elements and conservation just as interesting studies for the farm youngster as the cost of so much ribbon per yard or the number of pennies laid side by side that would be required to reach across the state? Is not such study infinitely more valuable?

Guess a big aeroplane might be called a touring car, but a smaller one could hardly be called a roadster—might be called a cloudster, maybe.

With which is combined FARMER'S ADVOCATE, established 1877.
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KANSAS FARMER COMPANY, TOPEKA, KANSAS.

THE CHANGING FARMER.

In no phase of human activity has such great and important changes occurred within the past few years as in farming. The solitude and isolation of farm life in the past has given place to more intimate social relations and to enterprising business methods.

The old days of the pioneer farmer who skinned his soil and moved to a new farm when the old gave out, are passed. The days of the farmer who mines his soil instead of farming it are passing and the days of the business man on the farm are here to stay. Enterprise, brains and money are all needed to compel success in modern farming. The farmer who was content with ten bushels of wheat to the acre and who made money on that yield has had to give place to the farmer who must have larger yields in order to pay expenses.

As a matter of fact it always required more good horse sense to conduct farming operations profitably than city people with no experience were willing to grant. Now, the knowledge, skill and training necessary to successful farming are fully on a par with those required of the successful business man in the city, and the farmer has a great many more uses for his knowledge and more knowledge for his business than has the average of his city neighbors.

Even on a small farm the capital invested in land and equipment is considerable and this can never become less as there is no more new land to occupy. In order to make both ends meet and lay by a little something for old age better methods are necessary on the high-priced land of today; and this includes good seed, good live stock, good machinery and economy in methods. The farmer of today studies not so much to get a big price for his products as to produce them more cheaply.

Another fact which bears heavily upon the question of dissatisfaction with farm life is mud. Mud is a very real and a very uncomfortable and persistent fact. The building of walks and drives about the farm house and the paving of the barn yard will do much to remove this dissatisfaction, but the main and most disagreeable fact remains in the muddy highway. Conditions about the home may be controlled by the farmer himself, but his means of travel and communication with his neighbors is dependent upon others, as well. Good roads are not only possible, but necessary, and with their advent will come a noticeable decrease in dissatisfaction with farm life.

In addition to what the government has done for agriculture on land it has now begun farming under water. Off the coast of Florida the test is being made as to the best way to grow sponges, and thus far the experiment has been a success in a financial way. Four years ago an acre of sea bottom was planted to sponges at a cost of \$133. The harvest from this acre, this year was worth \$968.

BAD ROADS OUR FAULT.

Ever hear of a man who would grumble when ordered out to work the road tax? And did you ever know such a man to shirk the work when he got out on the road and then grumble some more when the rains came and the roads got bad?

Everybody enjoys good roads and everybody needs them. Also, everybody can have them, but not by grumbling.

The road drag is a simple implement and a most effective one. In our state it is the only implement needed to put the great majority of our roads in good order and keep them so. After a road is once laid out and graded the road drag will keep it in fine shape if it is used often enough and at the right time.

Most people who do not use the drag are perhaps deterred by the supposition that it will require a lot of work, some of which may come at mighty inconvenient times. This is not the case, and even if it were, it only becomes a question to determine whether the work on hand or the condition of the road is the more important.

As a matter of fact, the best time to drag a road is just after a rain when the mud begins to dry; and at such a time there is comparatively little field work that can be done on the farm.

One of the best roads leading into Topeka, and over which there is a large amount of travel, has been kept in fine condition by neighborhood co-operation in the use of the road drag, and it did not take much time either. Whenever it rained and the roads came into such a condition that they would "slick" just right the drag was started, and at the end of the year the farmers themselves were surprised to learn that the roads had only been dragged twelve times, an average of one time per month.

As the road was a busy thoroughfare and as it had been improved several hundred per cent, the time and labor spent was surely small in comparison with the benefits received.

No woman ought to bend over a washboard when her husband is riding 'round the field on his improved mower, or other labor-saving machine. If he can afford them for himself, he ought to see to it that his wife has every device for lightening her work. For every convenience a man gets, a corresponding amount should be expended for the house, and if one department has to suffer it ought not to be the house. When that comes to pass, instead of the weary, hopeless country woman, we shall see a happy, contented being for whom life holds all that is good.

Sometimes a fear of adverse legislation or court decisions will serve to depress business for the time being, but not for long. The foundation of the wealth and prosperity of this country lies in the soil and nothing but careless methods can change this. The so-called panic of 1907 "never touched" Kansas, and the agricultural west is now big enough and strong enough to resist any depressive periods which may be inaugurated by Wall Street manipulations.

FARM VALUE OF LIVE STOCK

The true significance of live stock on the farm is either held too lightly by the great body of farmers or is not understood by them. This fact is evident from the general lack of interest which farmers take in properly stocking their farms on the one hand and from their failure, on the other hand, to properly care for such live stock, which they may have provided on their farms. They are exceptions to all rules of course and so there are exceptions in this matter of general lack of interest in properly stocking farms and properly caring for farm live stock. There are farmers whose first consideration in their farm operations is to get the right kind of stock and whose second consideration is to properly care for it. Those farmers are increasing in numbers and it is a fortunate circumstance.

The value of live stock to the farm cannot be measured alone by the dollars and cents that are returned by it to the farmer as a net profit from the sale of its products as meat, milk, wool, or labor or young breeding stock, for there is much valuable manure produced by it that is a great benefit to the farm and which contains from 75 to 90 per cent of the fertilizing ingredients that were contained in the feeds that were consumed by the livestock plus all the fertilizing ingredients contained in the bedding. With this farm manure the greatest conservation movement may be carried on. There is much talk of the conservation of our natural resources to safeguard the well-being of the nation. Our greatest natural resource is the soil and the conservation of its fertility is of the greatest importance to the nation. It is particularly important to the farmer who would be successful.

The thrifty appearance of the crops on the well stocked farm during summer drouth periods when neighboring farms are dried up and barren looking, is pleasing to the passer-by and not without its lesson, though that lesson is too often ignored by those to whom it should most appeal. The thrifty appearance of the crops of the farm well stocked with live stock is due to the fertilizing influence of the live stock upon the farm. Perhaps a few well worked out tables will help the lesson to make its appeal.

There are three main elements of fertility which are required absolutely in all soils to properly sustain plant life. These are nitrogen, phosphoric acid, and potash. These elements the plants take from the soil and make a part of themselves during their process of growth, so that when they have matured and are harvested they leave the soil minus more or less definite amounts of its former store of fertility. One cannot any more take crops off the soil and have it as rich as it formerly was than he can draw on his bank account and still leave it as large as it originally was.

According to chemical analysis farm crops common to my own state remove from the soil amounts of the three great fertilizing elements per acre as follows:

Ear corn (50 bushels) nitrogen 51 lbs., Phos. acid 19.5 lbs., potash 11 lbs.; oats (60 bushels) nitrogen 39 lbs., Phos. acid 15.7 lbs., potash 11.9 lbs.; barley (50 bushels) nitrogen 33 lbs., Phos. acid 17.8 lbs., potash 10.8 lbs.; clover (2 tons) nitrogen 82.8 lbs., Phos. acid 15.6 lbs., potash 88 lbs.; alfalfa (4 tons) nitrogen 175.2 lbs., Phos. acid 40 lbs., potash 134.4 lbs.; sugar beets (20 tons) nitrogen 116 lbs., Phos. acid 32 lbs., potash 148 lbs.; timothy (2 tons) nitrogen 50.4 lbs., Phos. acid 21.2 lbs., potash 36 lbs.; corn silage (10 tons) nitrogen 56 lbs., Phos. acid 22 lbs., potash 74 lbs.

It is obvious that when single crops remove such amounts of the fertilizing elements from the soil per acre each year that there is a heavy drain upon the fertility of our farms when there is no restoration made. And that is what often happens in present day farming methods; there is no restoration made to the soil for the fertility that is taken from it. Crops are gathered in, threshed and sold off the farm year after year without the fields receiving more than just very occasional dressings of good manure. Not enough live stock is maintained on the farms to produce sufficient manure to allow more than just a very occasional manuring.

The farmer who raises crops, harvests them and sells them directly off the farm, sells with them the fertility of his farm. The farmer who raises crops,

Worth of Live Stock to the Farm Not Appreciated or Not Understood.

By C. SCHROEDER, Wisconsin.



TECHOR 82270. THE 2300 POUND 3-YEAR-OLD PRIZE WINNING PERCHERON STALLION. C. W. LAMER, SALINA, KANSAS.

harvests them and then feeds them to live stock on the farm generally receives more than the market value for them by converting them into finished products such as meat, milk, butter and wool and moreover retains upon his farm from 75 to 95 per cent of the fertilizing elements which they drew from his soil in the manure produced by the animals. If he purchases extra commercial feeds to feed to the live stock supplementary to his home grown crops he may have more fertility in the manure to return to the soil than the crops drew from it.

On the basis of prices that are paid for commercial fertilizers nitrogen is worth 18 cents per pound and phosphoric acid and potash each 5 cents per pound. The value of the fertilizing ingredients of the crops used in the foregoing table is then as follows:

Ear corn (50 bushels) nitrogen \$9.18, Phos. acid \$0.975, potash \$0.55, total \$10.705; oats (60 bushels) nitrogen \$7.12, Phos. acid \$0.79, potash \$0.59, total \$8.50; barley (50 bushels) nitrogen \$5.94, Phos. acid \$0.89, potash \$0.44, total \$6.27; clover (2 tons) nitrogen \$14.90, Phos. acid \$0.78, potash \$4.40, total \$20.08; alfalfa (4 tons) nitrogen \$31.54, Phos. acid \$2, potash \$6.72, total \$40.26; sugar beets

(20 tons) \$20.88, Phos. acid \$1.60, potash \$7.40, total \$29.88; timothy (2 tons) nitrogen \$0.97, Phos. acid \$1.06, potash \$1.80, total \$3.83; corn silage (10 tons) nitrogen \$10.08, Phos. acid \$1.08, potash \$3.70, total \$14.88.

From the above it is plain to the farmer that if he sells his corn directly on the grain market at 50 cents per bushel that he is not getting \$30 for each acre's product, but only \$30 minus \$10.70 or \$19.25, inasmuch as he is selling off with the crop \$10.70 worth of his soil's fertility which he must restore at a cost of \$10.70 if he does not wish to deplete his soil and make it practically worthless in the course of a few years' time.

On the other hand, since on the average about 85 per cent of the fertilizing ingredients of feeds consumed by farm live stock is voided by the animals in their manure, it must also be plain to them that by feeding live stock on their farms and disposing of it on the butchers' marketing or producing dairy or other products from it, that they will have a saving of 85 per cent of \$10.70, or \$9.10. Assuming, then, that by selling the products of the live stock they received the market value of 50 cents per bushel for the corn, the

returns from one acre are \$30 minus \$1.60, or \$28.40. The \$1.00 represents lost fertility.

It, of course, requires a good class live stock to return one dollar's worth of product for a dollar's worth of feed, but good live stock is within the reach of every farmer who will make an honest effort to get it and maintain it on his farm in these days of advanced stock breeding. Those who are employing advanced methods of feeding and maintaining high-class live stock are getting better returns from their live stock than merely the value of the feed consumed. Dairymen who are careful breeders and who have a care to keep only paying cows often get returns of \$1.25 to \$1.50 for each dollar's worth of feed. The Indiana Experiment Station in 1909 fed three lots of steers on corn as the main part of the grain ration, the market price of which was 40 cents per bushel. Its financial statement shows that the price received for a bushel of corn fed for one lot was 60 cents, an advance of 20 cents; for the second lot 80 cents, an advance of 40 cents, and for the third lot 70 cents, an advance of 24 cents.

It is thus seen that careful feeding of live stock may not only conserve the fertility of their soils, but can also enhance the market value of their crops by good margins. Herein lies the great argument for the establishment of a close connection between live stock husbandry and a careful, conservative and progressive farm management and operation. The farmer who properly combines the husbanding of good live stock with his farm operations is a soil conserver; his neighbor who does not husband any live stock, but sells his crops directly off the farm is a soil depleter. The difference between the two is the same as that which exists between building up and delapidation.

The Purebred Sire.

"Your article in last week's Kansas Farmer is in the right direction. No one farmer in 20 is fitted to raise a purebred herd, or could make any money at it if he tried, but all can raise a make money with grades.

"Take whatever cow you may have and use a registered bull of whatever breed you like best, and then stick to that breed.

"The Woodson County Improved Stock Breeders' Association is working along that line. We now have over 100 members, and the only requirement is that each must own at least one registered animal—horses, cattle, hogs or sheep. All of our members have beef cattle and hogs. We hold a public sale each year and sell about \$7,000 worth of stock.

"Last year we built a cattle and horse barn for 200 cattle and 40 horses. Also a sale pavilion that will seat 2,000 people. When we hold our next sale, come down and see what can be done in five years.

"As a result of our work, we can see a great improvement in the cattle of the country. At present, I know of no one here with more than eight or 10 cows who does not have a registered bull.

"Any co-operative breeding scheme will prove a failure among Kansas farmers. It is every man for himself work out his own salvation in his own way. We do not like to take orders from any one."—W. H. Warrick, Woodson County, Kan.

Considered as a farm machine the automobile is important and valuable considered as a joy wagon alone, it is much less worthy of attention. Distance and isolation have always been the bane of the farmer's life, and especially of the farmer's wife, and these are being eliminated by the automobile. To the man who can afford one it is most valuable.

This is the time of year when active school life begins anew and boys and girls find their way to the little white school house, while their older brothers and sisters go away to college. The desire on the part of the parents and willingness on the part of the children to obtain an education is what has given to Kansas her proud position among the states as the second in literacy in the Union. In this connection it is interesting to note that the enrollment at the Agricultural College is again increased.



GROVELAND IUKA HILDRED. SENIOR CHAMPION HOLSTEIN-FREISIAN BULL. FRANK WHITE HAMPTON, IOWA.

HUTCHINSON'S GREATEST FAIR

Wonderful Show States Resources, Financial Success

The big fair held at Hutchinson during the week of September 18 to 23, was the greatest and most successful fair ever held at this place. It was an education and a potent influence in the advancement of the agricultural and live stock interests of our great state.

New fair grounds were found to be well adapted to their purpose when removal from the old was made last year, and with the addition of about 20 acres of new cement walks in and about the grounds and the fine street car service large crowds of visitors found the officials had contributed in every way possible to their comfort. It was more especially noticeable in the large rest tents which had been erected and properly fitted, in various parts of the grounds.

Although hampered during a part of the fair by a heavy rainfall, which tended to reduce the attendance for those days the crowds were larger than usual for the remainder of the week, and management is of the opinion that aggregate attendance will total as much or more than that of last year.

Hutchinson, being in the midst of the wheat belt and one of the greatest agricultural sections of the state, has always been a great place for the display of agricultural machinery. The big gas and steam tractors, threshers, vegetable, gasoline engines and every other kind of farm machinery were grouped over acres of ground and, with 10 acres devoted to use as a "check" for automobiles, made an imposing sight and one of the first which the visitor encountered on entering the grounds.

The visitor who was not familiar with the real conditions in Kansas during the past summer, and who had the impression that Kansas crops suffered, there awaited a big surprise in the agricultural exhibit at Hutchinson. Crops of all kinds were presented by samples which would do credit to any state in any year, with splendid exhibits of wheat, corn and alfalfa as the dominating features.

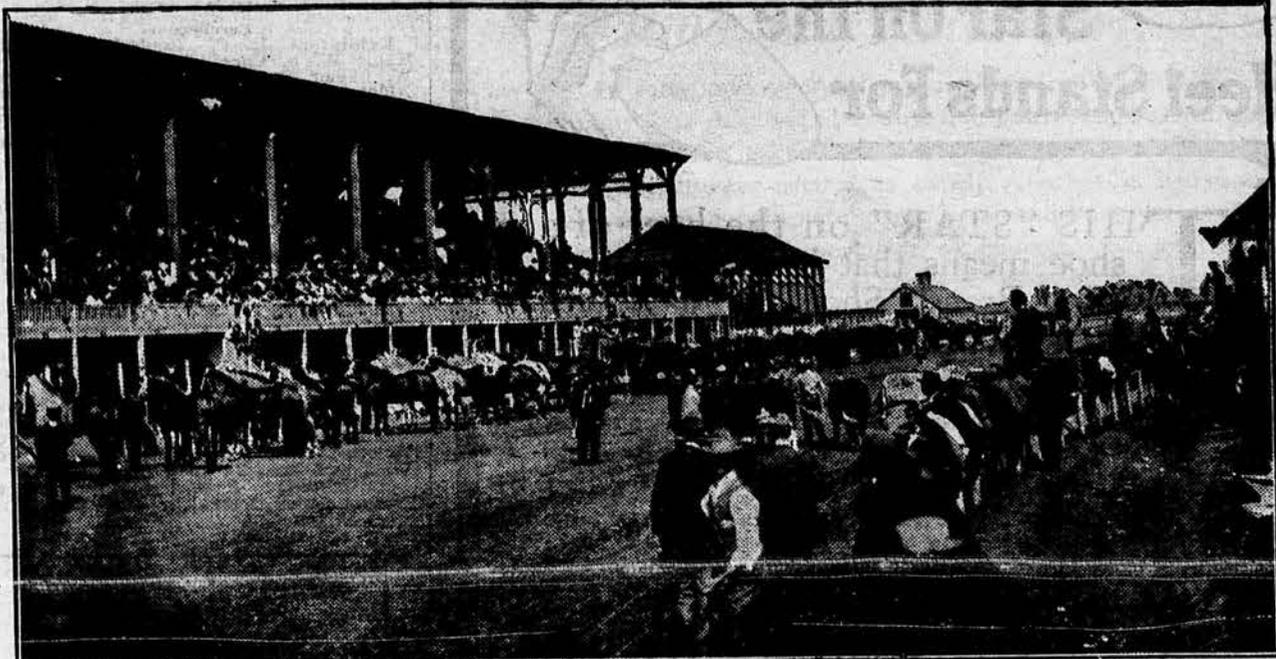
In the agricultural exhibition, and a part of it, were the county collective exhibits, which carried with them another surprise in that two of the prize-winning counties are located in Western Kansas, in that vague region once known as the "short grass country." McPherson county secured the first prize; Pawnee second, and Meade, third, and one of the interesting things in these exhibits was found in the cotton, broom-corn, Kafir and alfalfa, which made such splendid features.

In horticulture, the exhibits left little to be desired, though this is said to be the first year on fruit. Always a great feature for fruit exhibits, this fair had never shown this year than ever before and the quality was good. In connection with the horticultural exhibit lectures were given, each day, demonstrations by experts from the Kansas State Agricultural college upon matters relating to practical fruit culture, with especial attention to spraying and other means of combatting insect enemies. This was a splendid feature, and gave the visitors the double opportunity of seeing and of hearing about things of such interest to them.

The exhibits made here by the Agricultural college were very comprehensive, and these, with the lectures and demonstrations by the attending professors, added to the interest of the fair, and tended to greatly extend the influence of this great institution.

At no Kansas fair is there greater interest shown by the visitors than that in the live stock. Situated, as she is, in the very heart of that great region which is best adapted to the growing of live stock, it is but natural that Kansas should engage in it and make it the basis of her agricultural development. From the growing of market stock it was but a natural and easy step to the growing of purebred stock, and this she now does in great abundance.

In showing such stock, Kansas takes the lead, and breeders from other states are tempted to compare their work in raising and feeding with that of the



GRAND PARADE OF LIVE STOCK IN FRONT OF GRAND STAND AT THE BIG HUTCHINSON FAIR.

Kansan. These factors combine to bring together, in her great fairs, large exhibits of purebred animals of all breeds.

Although commodious buildings had been erected on the Hutchinson fair grounds for the accommodation of the cattle exhibits, they were crowded to their capacity. Large shipments were sent from the State Fair at Topeka, and these were met by animals shown by local breeders in considerable numbers.

The beef breeds shown about in proportion to their numbers in the country. Shorthorn and Herefords generally take precedence in numbers, and these are closely followed by the two black polled breeds. While no exact information as to the number of animals on exhibition is at hand it is known that the number was large and the display was a pleasing sight to visitors and exhibitors alike.

The dual purpose cattle also made a great showing, though the strength of this lay largely in the Polled Durhams, so far as numbers is concerned. Two herds of Brown Swiss cattle competed for the ribbons, and this is an unusually large exhibit of this breed at a Kansas fair, especially when it is known that both were Kansas herds. The Red Polls were represented by a good Nebraska herd.

Hutchinson fair was never so strong in dairy cattle as this year. With one good Iowa herd of Guernseys and several Kansas and Nebraska herds of Holsteins and Jerseys, the showing of dairy animals was quite satisfactory. If Kansas people all over the state would give more attention to the dairy breeds it would spell success more rapidly. There should be no abatement in the work of raising good beef cattle, but there is also a large room for more members of the dairy breeds.

The showing of draft horses was a

splendid one, and the fact that most of the prizes were captured by Kansas studs adds much to local pride.

The swine show was a strong feature, and all of the popular breeds were on exhibition, together with a fine showing of Hampshires, which are not so well known. Perhaps the Poland Chinas predominated in numbers, though the Duroc Jerseys, O. I. C.'s and Berkshires were out in force. Pride, satisfaction and care go with the raising of hogs, and their temporary home on the fair

grounds is always the center of large groups of visitors. Ninety classes of chickens, and numerous classes of other domestic fowls were passed upon by the judges, and lovers of these birds state that this was the largest poultry show ever seen on the Hutchinson fair grounds.

The automobile show was quite a feature though, from the nature of things, the mere visitor who did not own a car and did not have the "bug," was, perhaps interested as much in the big bunch of farmers' automobile to be seen in the 10-acre "check stands" prepared for them on the fair grounds.

A successful boys' corn contest was conducted on the grounds, although the fair is held at rather an early date for best results.

The State Reformatory was an exhibitor in several classes of farm products, and on some of these was able to win prizes. The fair may have a good influence upon the inmates, even though they may not attend.

In fine arts, textiles and domestic arts, the displays were up to the usual standard, and served to attract much attention, as they always do.

The amusement features were numerous, and received their full share of attention from those visitors who liked the attractions of the Midway. The work of any fair management is more than doubled by the desire to keep their amusement features clean and wholesome. Their success has been shown by the quality of the shows presented at the big Kansas fairs this fall.

Sight-seeing at a big fair is tiresome work, and many fail of securing the greatest benefits because of too much haste. They seem to feel that they can afford but one day at the fair, and then try to see it all in a rush. This may be done in a way, but appreciation is lacking, because the real merit of the exhibits do not impress themselves in the limited time.

A great deal of brains and executive ability are needed to bring together a big agricultural and live stock fair, and more is needed to manage it. Kansas people are interested in such undertakings and it would seem the part of wisdom to establish a permanent exhibition of this kind.

The really satisfactory way to attend a big fair is to camp out. Most fairs will afford opportunity for this by supplying free camp sites, water and police protection. With a suitable equipment, a family or a group of friends can have a pleasant picnic which will allow them time to both see and assimilate the exhibits.

The grand parade of prize winning live stock, which was held on Friday, was the climax of the greatest fair ever held at Hutchinson. Here were led before the thousands of spectators the best representatives of the best breeds of live stock, and the representatives of Kansas' greatest single item of wealth. Enthusiasm, if not interest, is generated by such a spectacle and the officers and members of the Central Kansas Fair Association are deserving of every credit for the efforts and money they have expended in making this big fair possible.

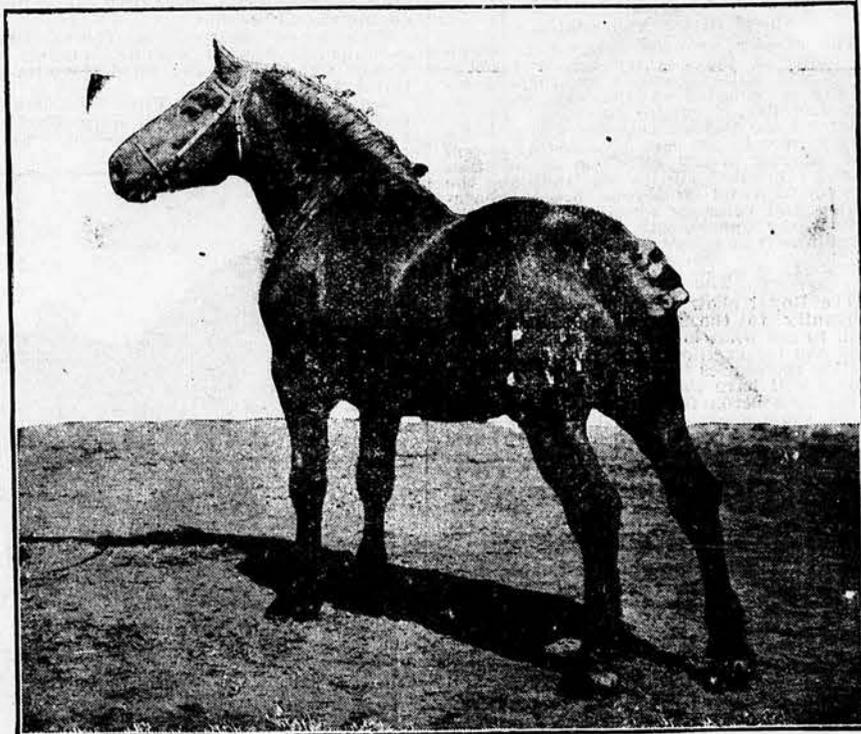
In the list of awards will be found the distribution of honors among the contestants in the show rings.

(Continued on page 6.)



SECRETARY A. L. SPENSLER.

grounds is always the center of large groups of visitors. Ninety classes of chickens, and numer-



PRIZE PERCHERON STALLION, OWNED BY GEORGE B. ROSS, ALDFN, KAN.



**What This
Star On The
Heel Stands For**

THIS "STAR" on the heel of a shoe means that it is a genuine "Star Brand" Shoe. It guarantees that it is an honestly made shoe—of good, solid leather through and through.

Shoes are more susceptible to adulteration than most any other manufactured article but we do not use substitutes for leather of any description.

And when you buy "Star Brand" shoes, you not only get better shoes than you have worn before but you have the satisfaction of knowing there are no wholesalers' or jobbers' profits for you to pay, because "Star Brand" shoes are made in our factories and shipped direct to the retail dealers.

"Star Brand" shoes are made in over 600 styles, in all shapes and leathers—a shoe for every age and station in life. You get more for your money when you buy them. The "Star" on the heel guarantees this. More than 12 million feet were fitted with "Star Brand" shoes last year.

Always ask for and insist upon having "Star Brand" shoes and you will then know why

"Star Brand Shoes Are Better"

"Star Brand" Shoes are sold nearly everywhere. ASK YOUR DEALER FOR THEM. If there is no dealer conveniently near, write for the "Star Brand Family Magazine." It is full of good reading and home helps and it illustrates and describes 92 popular styles of "Star Brand" shoes. Write today.

ADDRESS DEPT. 2 K. F.

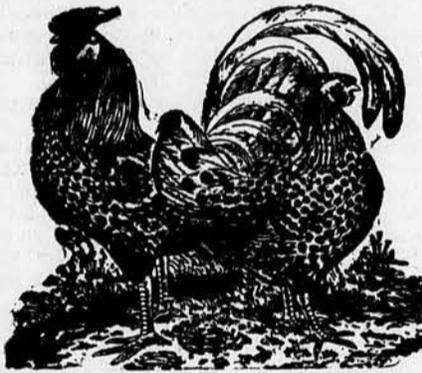
ROBERTS, JOHNSON & RAND SHOE CO.

Capital \$5,000,000.00
15 Big Factories

St. Louis

A PURE BRED COCKEREL FREE

A WONDERFUL OPPORTUNITY TO BREED UP YOUR POULTRY



Early this spring KANSAS FARMER offered to send a setting of eggs from pure-bred poultry, any kind desired, for a little work in securing subscriptions. This plan proved so popular that we have decided to give any reader of KANSAS FARMER who desires to secure a pure-bred cockerel an opportunity to do so without a cent of cost to them. We will make a proposition that will enable you to get a pen of pure-bred birds if you wish it. Now, this is a straight-out, fair, square offer and we positively guarantee to give anyone answering this advertisement the opportunity of a lifetime to get a start in pure-bred poultry. A boy or girl can do the work necessary.

Be the first one in your neighborhood to get in on a good thing. Address FREE POULTRY DEPT., KANSAS FARMER, Topeka, Kan.



**Peerless
Steam
Washer**

Different and better than others. It saves labor where others do not. Washes a horse blanket or a lace curtain equally well and does a perfect job without injury to any fabric. Five minutes will thoroughly clean washer full of white clothes.

A real woman saver. Needs neither man nor woman to turn a hard-pulling crank. A frail woman can move it about easily. Ought to be in every home, as a woman's right. Over 100,000 in use and giving satisfaction. Write for full particulars and special low prices.

PEERLESS STEAM WASHER CO.,
Box 92, Garnet, Kan.

Hodgson Buys Herd Boar.

After traveling over parts of Iowa, Missouri and Kansas. Mr. S. N. Hodgson of Parker, Kan., finally located the herd boar he wanted for his herd of large type Poland Chinas in a good Nebraska herd. This young boar was sired by Big Victor, grand champion at Nebraska State Fair in 1909, and sire of the first and second prize aged boars at the same fair in 1911. He is 10 months old, has an 8 7/8-inch bone, measures 56 inches in length and 55 inches heart girth. His place will be beside the present herd boar Standard O. K., the famous

son of O. K. Price. Mr. Hodgson plans to sell about 60 sows in February that will be bred to this great pair of boars.

Sheep Better Appreciated.

The rapidly growing interest in sheep in parts of the country where farmers have paid little attention to them heretofore, is reflected in the extensive and complete list of entries for those departments of the Royal. One hears frequently of a farmer in the corn belt adding sheep, and making money off them in addition to the value they add to his land—and the Royal, with its numerous breeds represented and complete showing, affords the farmer the opportunity to see all breeds for himself, and learn their qualities.

The Royal Sales.

The Royal show offers a wonderful opportunity to the farmer and live stock man to see what is the best in beef cattle. And the information from the breed association secretaries is that the visitor to the Royal will have the chance to select from these best herds for purchase at the auctions, show week. It would take a breeder two months to view the herds represented in the Royal sales—and then he would not be able to see them side by side for comparison. The associations make special effort to see that the leading herds are represented in the sales, for their prime purpose is to show the variety to the Royal visitor, so that he can pick exactly what he wants, being sure that the animal will produce the characteristics he sees in those breed families in the show. Each breed will have some fifty bulls and females in its sale from many herds, no one breeder offering more than two or three. Many of the offerings are young stock, and the prospective purchaser can often find great bargains and an easy entrance into the ranks of the purebred breeder.

Don't keep your wishbone where your backbone ought to be.

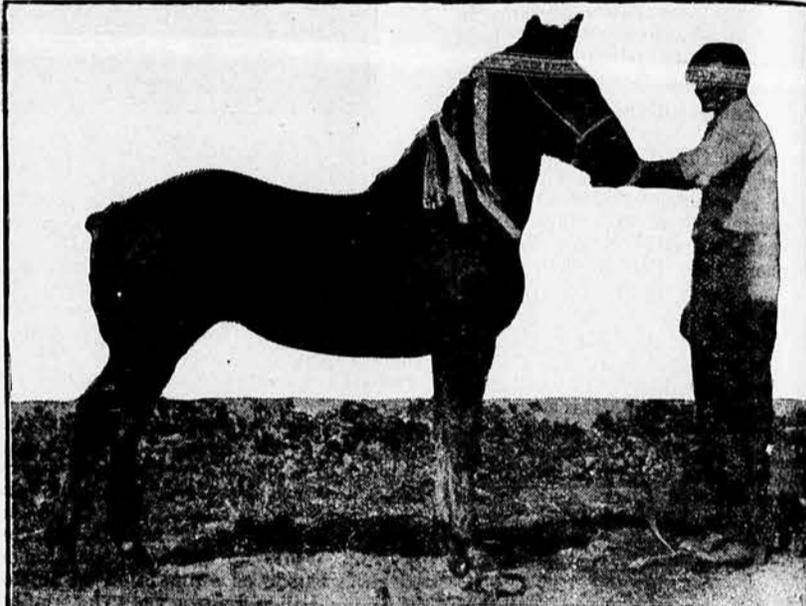
Hutchinson's Greatest Fair

Continued From Page Five

THE AWARDS.

Percherons.
Exhibitors—J. C. Robison, Towanda, Kan.; W. S. Corsa, White Hall, Ill.; C. W. Lamer, Salina, Kan.; George E. Ross, Aldea, Kan.; C. F. Cooper, Nickerson, Kan.; O. L. Barnes, Hutchinson, Kan.; E. D. Duasworth, Haven, Kan.; E. T. Shaffer & Sons, Fulton, Kan.; Gabrielson Bros., Hutchinson, Kan.
Judge—Thomas Murray, Holcomb, Ill.
The awards:
Aged stallion—First, Robison on Glacis; second and third, Cooper on Summers and Raymeur.
Three-year-old stallion—First, Lamer on Tabor; second, Ross on Iberien; third, Ross on Isambert.
Two-year-old stallion—First, Lamer on Jabiege; second, Robison on Juliet; third, Lamer on Jowraal.
Yearling stallion—First, Robison on Isador; second, Lamer on Kabia; third, Corsa on Baricuseen.
Aged mare—First, Robison on Ruth; second and third, Corsa on Della and Helene.
Three-year-old mare—First, Corsa on Venette; second and third, Robison on Viola and Pansy.
Two-year-old mare—First, Corsa on Esther; second, Robison on Hypatica; third, Ross on Ivanalse.

light, Jr.; fourth, Tomson Bros. on M. piece; fifth, Stodder on Royal Captain.
Junior yearling bulls—First, Rapp on Cash Tip; second, Nevius on Valentine 4th; third, Saunders on Cumberland; fourth, Rees on Beatrice, Stewart on Pilot.
Senior bull calf—First, Rees on Goods; second, Stodder on Red Land; third, Hall on Hallwood Mint; fourth, fifth, Rapp Bros. on Grand Master Pleasant Prince.
Junior bull calf—First, Saunders on True Cumberland 3d; second, Stodder on Ivanhoe; third, Nevius on Searchlight; fourth, Rapp Bros. on Village Pride; Stewart on Kansas Bay.
Aged cow—First, Nevius on Lady; second, Rapp Bros. on Dorothy 5th; third, Saunders on Lake Park Senora; fourth, Stewart on Lavender Phyllis.
Two-year-old heifer—First, Tomson on Daisy Queen; second, Rapp Bros. on White Lily; third, Nevius on Nellie Barton; fourth, Hall on Hallwood Countess 3d; fifth, Saunders on Minnie 4th; Stewart on Victoria.
Senior yearling heifer—First and second, Rees on Violet Goods and Cedar Alice; third, Tomson Bros. on Na fourth and sixth, Stodder on Spill and Rustling Silk; fifth, Hall on Hall



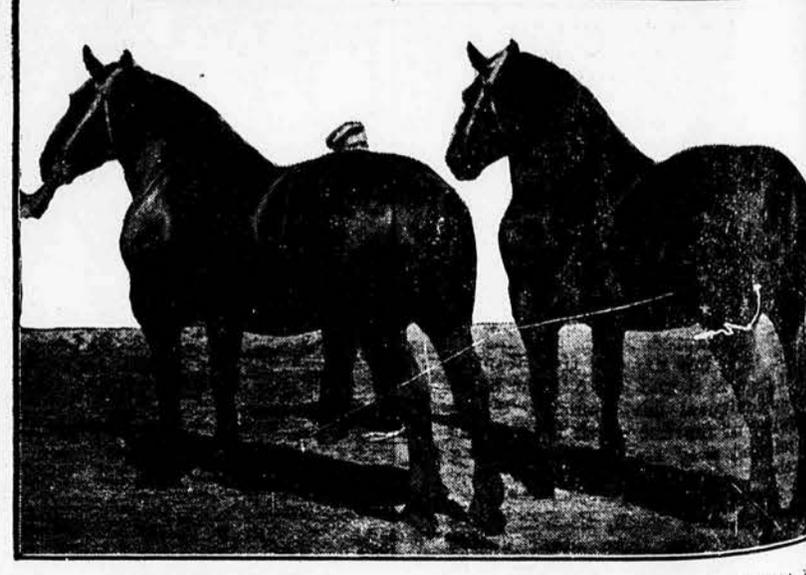
FIRST PRIZE PERCHERON COLT, OWNED BY W. S. CORSA, WHITE HALL, ILL.

Yearling filly—First, Robison on Kevella; second and third, Corsa on Estella and Merdit.
Filly, under 1 year—First, Corsa on Maw Carnot; second, Ross on Brilliantine.
Pair of mares—First, Corsa on Della and Helene; second, Ross on Jaride and Jav-anaise; third, Robison on Corinne and Cascadeuse.
Stallion and four mares—First, to Robison.
Group of five stallions—First to Lamer.
Champion stallion—Robison on Glacis.
Champion mare—Robison on Ruth.
French Draft.
J. C. Robison and C. W. Lamer each had a number of entries in this division and divided the ribbons about equally between the two studs when the judging was done Tuesday.

Dot.
Junior yearling heifer—First, Rees on Sittyton Goods; second, Rapp Bros. on Queen of Hearts; third, Tomson Bros. on Happy Lady; fourth, Nevius on Jess fifth, Stewart on Emma Jane.
Senior heifer calf—First, Rapp Bros. on Pleasant Mildred; second, Rees on Goods; third, Stodder on Crystal Flora; fourth, Hall on Hallwood Princess.
Junior heifer calf—First, Hall on wood Countess 5th; second, Nevius on Princess Josie; third, Rapp Bros. on Belle; fourth, Stodder on Hattie May fifth, Stewart on Lady Redbird.
Senior champion bull—Hallwood land.
Junior champion bull—Royal land.
Grand champion bull—Royal land.
Senior champion cow—Daisy Queen.
Junior champion cow—Violet Goods.
Grand champion cow—Violet Goods.
Aged herds—First, Nevius; Rapp; third, Saunders.
Young herds—First, Rees; Saunders; third, Rapp.
Calf herd—First, Rees; second, Saers; third, Rapp.
Get of sire—First, Rees on Ruberta's Goods; second, Saunders on of Cumberland's Last; third, Tomson on Bampton Knight.
Produce of cow—First, Saunders on duct Gipsy Maid (twin calves); second, Stodder on produce of Miss Leonard count; third, Rapp Bros. on produce Imp. Princess Royal.

Shortorns.
Exhibitors—Tomson Bros., Dover; C. S. Nevius, Chiles; J. F. Stodder, Burden; Dr. R. A. Stewart, Hutchinson, all of Kansas; Ed M. Hall, Carthage, Mo.; C. A. Saunders, Manilla, Ia.; Rapp Bros., St. Edward, and Howell Rees, Pilger, both of Nebraska. Awards in the bull classes, which were completed Tuesday are given herewith.
Judge—Ed Patterson, Bunceton, Mo.
Aged bulls—First and third, Hall on Hallwood Stamp and Golden Grove; second, Nevius on Hallwood Goods; fourth, Stewart on Victor Archer; fifth, Rapp Bros. on Royal Cumberland.
Two-year-old bulls—First, Tomson Bros. on Imperial Victor; second, Saunders on Archer Cumberland 2d; third, Stewart on Royal Archer.
Senior yearling bulls—First, Saunders on Royal Cumberland; second, Rapp Bros. on Foxy Favorite; third, Nevius on Search-

Herefords.
Exhibitors—Robert H. Hazlett, El Dorado, Kan.; Klaus Bros., Buedena, Kan.;
(Continued on page 17)



CHAMPION PERCHERON STALLION AND MARE, OWNED BY J. C. ROBISON, TOWANDA,

Awards Kansas State Fair, Topeka, Kan.

Continued From Last Week

Galloways.

Exhibitors—C. H. Hechtner, Chariton, Mo.; Straub Bros., Avoca, Ia.; A. O. Huff, Arcadia, Neb.

Judge—N. H. Gentry, Sedalla, Mo.

Aged Bull—1, C. H. Hechtner on Douglas Meadowlawn; 2, Straub Bros. on Eloquent; 3, A. O. Huff on Meadowlawn Crusader. Two-year-old—1, Straub Bros. on Farquins. Senior yearling bull—1, Straub Bros. on Choice Master. Junior yearling bull—1, Straub Bros. on Viscount; 2, Huff on Captain Joe; 3, Hechtner on Royal Douglas. Senior bull calf—1, Straub Bros. on Quartermaster; 2, Huff on Mack Croff. Junior bull calf—1, Straub Bros. on Toastmaster; 2, Hechtner on Princesps; 3, Huff on Tommy Hawk.

Aged Cow—1, Straub Bros. on Capitalene; Hechtner on Flossy 2d of Meadowlawn; Huff on Hawkeye Lass. Heifer, 2 years and under 3—1, Straub Bros. on Ladylike; 2, Hechtner on Elizabeth; 3, Straub Bros. on Modesty. Senior yearling heifer—1, Straub Bros. on Daisy Dimple; 2, Hechtner on Careful of Maples; 3, Huff on Sunbeam. Junior yearling heifer—1, Hechtner on Miss Stanley 5th; 2, Straub Bros. on Hechtner; 3, Huff on Lily Wistful. Junior heifer calf—1, Straub on MARIANNE; 2, Heifer calf—1, Straub Bros. on Nellie Melville; 2, Hechtner on Lady Sampson; 3, Huff on Dainty Violet.

Senior Champion Bull—Hechtner on Douglas of Meadowlawn.

Grand Champion Bull—Straub Bros. on Viscount.

Senior Champion Cow—Straub Bros. on Lady Like.

Grand Champion Cow—Straub Bros. on Lady Like.

Junior Champion Cow—Straub Bros. on Daisy Dimple.

Aged Heifer—1, Straub Bros. on herd headed by Eloquent; 2, Hechtner on herd headed by Douglas of Meadowlawn.

Young Heifer—1, Straub Bros. on herd headed by Viscount; 2, Hechtner; 3, Huff.

Calf Heifer—1, Straub Bros.; 2, Hechtner; 3, Huff.

Get of Sire—1, Straub Bros. on Captain 4th; 2, Hechtner on Starlight; 3, Straub Bros. on Captain 4th.

Produce of Cow—1, Straub Bros. on Marianne; 2, Straub Bros. on Valentine; 3, Hechtner on Elizabeth.

Polled Durhams.

Exhibitors—D. C. Van Nice, Ashland, Kan.; Fred Johnson, Fairmount, Ind.; Achenbach Bros., Washington, Kan.; C. Woods, Chiles, Kan.

Judge—T. J. Patterson, Manhattan, Kan.

Aged Bull—1, Van Nice on Roan Hero; 2, Johnson on Golden Arch. Three years and under 2—1, Achenbach Bros. on The Baron; 2, Van Nice on Acacia Prince. Junior yearling bull—1, Woods on Roan Choice; 2, Achenbach Bros. on Grand Orange; 3, Van Nice on Jupiter. Senior bull calf—1, Achenbach Bros. on Meadow Sultan; 2, Johnson on Bessie's Golden Master. Junior bull calf—1, Woods on Invincible Hero; 2, Van Nice on Roan Acacia; 3, Johnson on Golden Spots; 4, Achenbach Bros. on Thankful Baron.

Aged Cow—1, Johnson on Marshall's Queen; 2, 3 and 4, Van Nice on Golden Lady, Scottish Beauty and Golden Acacia. Two-year-old heifer—1, Woods on Sunbeam; 2 and 3, Van Nice on Golden and Kansas Girl; 4, Achenbach on Thankful 3d. Senior yearling heifer—1 and 2, Woods on Hayden Rose 2d and Rosalea; 3, Van Nice on Roan Princess. Junior yearling heifer—1, Van Nice on Richland Bell; 2, Johnson on Golden Ruby; 3 and 4, Woods on Sunbeam 2d and Red Empress. Senior heifer calf—1, Van Nice on Golden Bell; 2, Johnson; 3, Johnson. Junior heifer calf—1, Achenbach on Thankful Martha; 2 and 3, Woods on Roan Princess and Mary Mermaid 4th; 4, Van Nice on Shawnee Bell.

Senior and Grand Champion Bull—Van Nice on Roan Hero.

Junior Champion Bull—Woods on Roan Choice.

Senior and Grand Champion Cow—Johnson on Marshall's Queen.

Junior Champion Heifer—Woods on Hayden Rose.

Aged Heifer—1, Van Nice on herd headed by Roan Hero; 2, Johnson.

Young Heifer—1, Woods on herd headed by Roan Choice; 2, Van Nice; 3, Johnson.

Calf Heifer—1, Woods on herd headed by Invincible Hero.

Get of Sire—1, Woods on get of Roan Hero; 2, Van Nice; 3, Johnson.

Produce of Cow—1, Achenbach Bros.; 2, Van Nice; 3, Woods.

Fat Stock.

Steer or Martin Heifer (2 and under 3 years)—1, Tomson Bros. on Benefactor; 2, Agricultural College on Gentleman; 3, Miller on King's Choice.

Yearling Steer—1, Agricultural College on Orange Dale; 2, Agricultural College on Esurgent Envoy; 3, Tomson Bros. on Barnston. Steer calves—1, Kansas Agricultural College on College Heir; 2, Agricultural College on Keynote; 3, Tomson Bros. on Benedict.

Group (2 year, 1 year and calf)—1, Agricultural College; 2, Tomson Bros.; 3, Miller.

Champion Hereford Steer—Kansas Agricultural College on Key Note.

Champion Galloway Steer—Agricultural College on Harry of Maples.

Champion Angus Steer—Miller on King's Choice.

Champion Shorthorn Steer—Thomson Bros. on Benefactor.

Holstein.

Exhibitors—Charles Holston & Son, Topeka, Kan.; H. H. Holdeman, Meade, Kan.; Hughes & Jones, Topeka, Kan.; Frank White, Hampton, Ia.

Judge—C. F. Stone, Peabody, Kan.

Aged Bull—1, White on Groveland Inka Hildred; 2, Holston; 3, Holdeman on Gerber's 3rd De Kol; 4, Jones on Ethel Alexander 2d Sir Netherland. Two years and under 3—1, White on Buffalo of Blairdale; 2, Holdeman on Princess Lad Parthena. One year and under 2—1, Hughes & Jones on Pieterje Hengerveld Monette; 2, White on Groveland Pontiac Inka; 3, Holdeman on Prince Shadybrook Gerben De Kol. Senior Bull calf—1, Hughes & Jones; 2, Hughes & Jones; 3, Holdeman. Junior bull calf—1, Charles Holston & Sons; 2, Hughes & Jones; 3, Hughes & Jones; 4, Holdeman.

Aged Cow—1, White on Lady Ona Hildred; 2, White on Pauline Whipcop Netherland; 3, Holdeman on Gerber Clita Parthena; 4, Hughes & Jones on Golden Star Parthena. Two years and under 3—1, White on Groveland Johanna Pontiac; 2, White on Groveland Inka Pontiac. Heifer, 1 and under 2 years—1, White on Groveland Pontiac Hildred; 2, White on Groveland Whitecap Johanna Pontiac; 3, Hughes & Jones on Cornelia Pieterje 2d; 4, Holsten & Son on Cornelia Traer 2d. Heifer, under 6 months—1, White; 2, Hughes & Jones; 3, White; 4, Hughes & Jones. Heifer, 6 and under 12 months—1, White on Groveland Pauline 4th's 2d; 2, White on Groveland Mercede Iuka; 3, Hughes & Jones on Violet Beechwood 2d; 4, Hughes & Jones on Cornelia Traer 3d.

Aged Heifer—1, White.

Young Heifer—1, Hughes & Jones.

Calf Heifer—1, White; 2, Holdeman.

Get of Sire—1, White; 2, Holdeman; 3, Hughes & Jones; 4, Holston & Sons.

Produce of Cow—1, 2 and 3, White.

Champion Aged Bull—White on Groveland Inka Hildred.

Champion Junior Bull—Hughes & Jones on Pieterje Hengerveld Annette.

Grand Champion Bull—White.

Champion Cow—White on Lady Ona Hildred.

Champion Heifer—White on Groveland Pontiac Hildred.

Grand Champion Cow—White on Lady Ona Hildred.

Jerseys.

Exhibitors—Smith & Roberts, Beatrice, Neb.; F. G. Scherman, Topeka, Kan.; James H. Scott, Topeka, Kan.; H. Vesper, Topeka, Kan.

Judge—C. F. Stone, Peabody, Kan.

Aged Bull—1, Smith & Roberts on Stockervald's Fern Lad. Two years and under 3—1, Smith & Roberts on Oxford Warde; 2, Scherman on Golden Fryfox. One year and under 2—1, Smith & Roberts on Belmont's Lad. Under 6 months—1, Smith & Roberts on Jacob's Silverene; 2, Smith & Roberts on Hebron's Champion; 3, Scherman on Golden Prince.

Cow (2 years and under 3)—1, Smith & Roberts on Belerret's Minnie; 2, Smith & Roberts on Belerret's Pink. Heifers, 1 and under 2 years—1, Smith & Roberts on Belmont's Silverine; 2, Smith & Roberts on Belmont's Lady; 3, Scherman on Winnie's Golden Baby; 4, Scott on Pride of Topeka. Heifer, 6 months and under 1 year—1, Smith & Roberts on Belmont's Ferry; 2, Scherman on Our Farm. Heifer, under 6 months—1, Smith & Roberts; 2, Scherman; 3, Scherman.

Calf Heifer—1, Smith & Roberts; 2, Scherman.

Get of Sire—1, Smith & Roberts.

Produce of Cow—1, Smith & Roberts; 2, Smith & Roberts; 3, Scherman.

Senior Champion Bull—Smith & Roberts on Stockwell's Fern Lad.

Junior Champion Bull—Smith & Roberts on Belmont's Lad.

Grand Champion Bull—Smith & Roberts on Stockwell's Fern Lad.

Senior Champion Cow—Smith & Roberts on Pedro's Lovely.

Junior Champion Cow—Smith & Roberts on Belmont's Silverine.

Grand Champion Cow—Smith & Roberts on Belmont's Silverine.

Red Polls.

Exhibitors—Davis & Haussler, Holbrook, Neb.; Peter Blocher, Topeka, Kan.

Judge—N. H. Gentry, Sedalla, Mo.

Prizes were awarded to Davis & Haussler on all classes except two, the 2-year-old heifers, in which this farm was given first and second and Peter Blocher third and fourth.

Brown Swiss.

Dahlem & Schmidt, El Dorado, Kan., were the only exhibitors of this beautiful, useful dual purpose breed of cattle. Their herd was judged by C. F. Stone, Peabody, Kan., and ribbons were tied on 2-year-old bull, aged cow, 2-year-old heifer, heifer under 12 months and heifer under 6 months.

Guernseys.

Wilcox & Stubbs, Des Moines, Ia., were the only exhibitors of this breed and they had the satisfaction of carrying away all of the ribbons awarded by Judge Stone, and of creating a great deal of interest in this wonderful breed of dairy cattle. Doubtless many Kansas people will attend their sale in Des Moines next month.

Hampshire Swine.

W. J. Bringar & Sons, Blythedale, Mo., showed the only herd of Hampshires in the swine division. These black hogs, with their white belts, are very attractive in appearance and are becoming very popular among breeders who prefer the bacon type of hogs.

Berkshires.

Exhibitors—W. S. Corsa, White Hall, Ill.; J. M. Nielson, Marysville, Kan.; C. G. Nash, Eskridge, Kan.; J. M. Chase, Wilder, Kan.

Judge—C. A. Stannard, Emporia, Kan.

Aged Boar—1, W. S. Corsa on Rival's Last; 2, W. S. Corsa on Master Duke 50th; 3, J. M. Nielson on Stalwart Duke. Senior Boar Pig—1, C. G. Nash on Buster Black; 2, C. G. Nash on Progressive Duke; 3, W. S. Corsa on Rival's Combination; 4, J. M. Nielson on Peerless Duke. Junior Yearling Boar—1, W. S. Corsa on Golden Rival; 2, J. M. Nielson on Climax Baron 9th; 3, C. G. Nash on Legal Again; 4, J. M. Nielson on Star Lee 3d. Junior Boar Pig—1, Corsa on Unnamed; 2, Chase on Holly Stump; 3, Nash on American Gentleman; 4, Nash on Unnamed.

Aged Sows—1, Corsa on Masterpiece; 2, Corsa on Duke's Princess 7th; 3, Corsa on Masterpiece's Handsome Lady; 4, Nielson on Berryton Jewell. Senior yearling sows—1, Corsa on Rival's Princess; 2, Corsa on Rival's Lady 3d; 3, Nash on Robinhood Duchess. Junior Yearling Sows—1, Corsa on Masterpiece Duchess; 2, Nielson on Silver Tips 222; 3, Corsa on Matchless Perfection 10th; 4, Corsa on Daughter of Masterpiece. Senior sow pigs—1, Nielson on Peerless Lady 6th; 2, Nash on Circus Girl; 3, Nielson on Peerless Lady 5th; 4, Nash on Nancy N. Junior sow pigs—1, Corsa on Unnamed; 2, Corsa on Unnamed; 3, Nash on Princess Walton; 4, Nash on Black Pearl.

Champion Boar (any age)—1, Corsa on Rival's Last.

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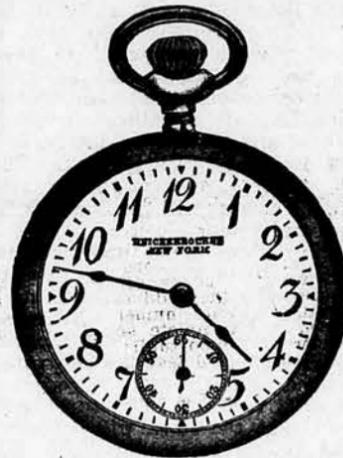
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(Continued on page 9.)

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THE FARM



Most of the mistakes of this season cannot this year be remedied, but it is the wise farmer who does not next year repeat the mistakes of this, or any other past season. One of the serious errors of the growing season now closed is that in many sections farmers have not taken the necessary precaution to provide feed in sufficient quantity and of right quality for the live stock, this mistake having led to the sale of cattle and hogs at low prices and the depletion of the farm live stock to an extent which cannot be repaired for several years. The necessity of selling stock cattle and stock hogs has in many localities been brought about, first, because the more certain grain crops were not planted in the early spring; and, second, because the dry weather of the early season stampeded many farmers, and no effort was made to repair by catch crops sown or planted at harvest time or later. The situation is very largely the result of too many farmers refusing to attempt to help themselves. Too much farming is done on an absolute dependence upon favorable weather and climatic conditions, under which conditions only sowing and planting is necessary to produce the crop. Not enough farming is done with a view to helping the maturity of crops and the provision of feed when weather conditions are not favorable.

Hundreds of farmers in the western two-thirds of Kansas will recall what a boon to their welfare they considered the introduction of Kafir and milo in their section 12 to 15 years ago. Following the introduction of these drouth-resisting plants, for several years on almost every farm a sufficient acreage was planted to provide the needs of the farm for grain. This was done during the years when sufficient rainfall to mature corn was a matter of some doubt, and following a period of dry seasons. The results obtained from Kafir and milo were satisfactory, both from the standpoint of flesh- and growth-producing qualities of the grain, as well as from a marketing standpoint. The experimental data giving 8 pounds of Kafir or milo a feeding value of 10 pounds of corn was substantiated in actual practice, much to the profit and satisfaction of farmers who gave these grains a trial. The sale of milo and Kafir seed on the market was gratifying, because it was in demand at 3 to 5 cents per bushel less than corn, when sold for feed, and when the unmixed varieties sold for seed the price obtained made their growth highly profitable.

In those days Kafir or milo to mature seed was listed like corn early in the season, and not more than a peck of good seed planted per acre. In those sections needing these most as grain crops this editor would not plant thicker than corn. A Kafir or milo stalk having a good head and growing at intervals of 7 to 10 inches is plenty thick. This kind of planting in the western two-thirds of Kansas will, in bushels of threshed grain, outyield corn. This is the way to plant Kafir and milo for grain. Give them a show by planting early and well and by cultivating as if a crop was really desired. When so planted the grain will, most seasons, mature early enough that the heads may be harvested while the stalk is yet green and the stalk field can be pastured, with the result that the stock will eat every leaf, and the green, sappy stalks will be eaten to within six or eight inches of the ground. This certainly gets the value from the crop.

For roughage, the seed should be sown thick; in some sections, drilled on plowed land, and using seed at the rate of a bushel per acre, except in the western third of Kansas, where a half bushel per acre is plenty. The quantity of seed per acre of roughage should be governed by the quality of the land and a guess as to whether the season will be wet or dry, always seeding slightly thinner than best judgment would seem to warrant. The idea is to get growth, and when seeded too thickly on thin land in a dry year, a crop of forage is not nearly so sure as if seeded thinner. A more certain method of seeding for forage is

to list as for grain, except two to three times as much seed is used. By this method the milo or Kafir may be cultivated and a crop made that more certain. By either method of seeding satisfactory harvesting is done by cutting with a wheat binder. Cut, if possible, when the seed is in the dough. However, if at that time the stalk is green and full of sap, defer harvesting until the stalk is nearer maturity, even though the seed has fully matured. This editor would take a chance, even on a light frost. Shock the bundles in long shocks, two bundles wire, allow the bundles to cure, then haul to the barn lot and stack like bundled wheat or oats.

We insist that it is not profitable to attempt to secure forage and grain from the same planting. So to do detracts from the largest grain crop and yields a lot of fodder of small value. To cut and shock the crop grown for grain, and to attempt to save the grain by the several methods practiced, is wasteful and laborious. For feed, the leaves are too coarse and a large percentage lost in handling, and the large, hard stalk is not eaten, even after the expenditure of a world of labor in hauling and handling. The small stalk of the thickly planted is fairly well eaten, and the grain on the forage crop is by no means lost. What has been written regarding Kafir applies equally to sorghum.

The value of these drouth-resisting plants is generally well recognized in the western two-thirds of Kansas, but the past few years Providence has been kind and corn has done so well that Kafir, sorghum and milo have been neglected, and the short crop in this section this year has had a disastrous effect on many farms. Our prayer is that the western farmer stick to these wonderful drouth-resisting crops; that he plant enough acres every year to insure feed for his live stock. After this has been done, we do not object to his gambling a little with the season on corn. Use Kafir and sorghum as an insurance policy. This editor, on his father's farm, knows the value of these plants. They have more than one year created the silver lining to an otherwise very dark cloud.

We do not at this minute know what Secretary Coburn's figures show as to comparative acreage of Kafir, sorghum, etc., the last few years with former years. What they do show is not material. In our travels over Kansas we know that these crops have been neglected, both in acreage planted and in lack of appreciation, resulting in late and haphazard planting after all other spring work has been gotten out of the way. We know that on hundreds of farms these plants have not for years been recognized, and that a few acres of one or the other would have materially aided in the prosperity of Kansas farms in general this season.

A daily paper which, every Monday morning prints a crop report from several dozen farmer correspondents throughout the state, is this minute in the editor's hand. Correspondents from the extreme western and southwest counties report that late corn and millet will make a fair crop and provide plenty of feed. That's a good recommendation for the effort expended in catch crops. Other correspondents from the same sections report that Kafir and milo will make good crops, etc., and that corn is a total failure. These facts from farmers themselves are the strongest arguments possible in favor of the practice the editor has urged in the foregoing lines.

The Farm a Problem.

Every farm is a problem in itself. Every farmer is a problem solver in proportion as he is an earnest student of his own farm. The difficulty does not lie so much in the farm as it does to get the right kind of a man, a man endowed with the true student spirit, at the head of it. One of the most serious causes for the decline of fertility and the run-down character of farms, everywhere, is the fact that the owners have practically abandoned them, gone into town to live, leaving them to ten-



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to manage, is the opinion of Hoard's farm manager. No other business has this set-back nature at work eating out the very vitality of its existence. A big per cent of these retired farmers should never have left the farm. If they felt like leaving up some of the hard work they could still stay on the farm and look after it—see that justice is done it. The aim is made that it is impossible to get help. But the truth we suspect is, that the farmer himself, and his wife and daughters, and sons may be, want to get away from the farm and live in town. The decline of the farm is a big problem, but the decline of the farm spirit, farm ambition, farm pride and farm love is a bigger problem.

To this end the farmer must make some concessions looking to the better care of the farm and the keeping up of fertility. This having to support two men and their families, one, the owner and true guardian of the farm, living away from his trust, paying no attention to it; the other, getting all he can out of it and robbing it of its fertility at every turn, is more than any farm can long stand. So, we see the fine old farms of Central New York, of the Western Reserve in Ohio, of some of the best portions of Indiana and Illinois and the Middle West steadily going down in productiveness because the men who own them have deserted them, and the men who till them think, at least, that they have no interest in keeping them up. Here lies the great problem of the farm.

As far as we can learn not one lease in a hundred makes any adequate provision for a right system of tillage in plowing and cultivating, in the purchase of fertilizers, in the rotation of crops. The owner will not give up any of his revenue for that purpose, and the tenant certainly will not. This situation lacks brains, lacks the merit even of a wise selfishness on the part of either of the contracting parties. The owner has taken upon himself the burden of an increased cost of living; the tenant is given no encouragement to spend time or money for the benefit of the farm, and so down the road to ruin goes the farm, the victim of the selfish stupidity of two men, whereas formerly it had but one to contend with.

As we view this problem of absenteeism on one hand and destructive management on the other, there are only two ways out of the difficulty; either sell the farm or lease it on longer time, with sufficient concessions to the tenant so he can have fair encouragement to so manage it as to conserve and increase its fertility. If he is given a five- or ten-year lease, it is to his interest to keep up the farm. If his lease is for only one or two years it is for his interest to rob it all he can. Just as long as the present brainless system of farm management continues, as between owner and tenant, there is no escape from a widespread destruction to the farm.

Kansas State Fair

Continued From Page 7

Champion Sow (any age)—1, Corsa on Rival's Princess 22d.
 Aged Herd—1, Corsa; 2, Corsa; 3, Nielson.
 Produce of Sow—1, Corsa on produce of Duke's Princess 2d; 2, Nash on produce of Waubatunsee Type.
 Young Herd—1, Nash; 2, Corsa; 3, Nielson.
 Get of Sire—1, Corsa on get of Rival's Last; 2, Corsa on get of Masterpiece; 3, Nash on get of Ben Burk.
 American Berkshire Association Special—Young Herd, bred by Kansas breeders—1, Nash; 2, Nielson; 3, Chase.
 Poland Chinas.
 Exhibitors—W. J. Bowman, Smith Center, Kan.; Philip Dawson, Endicott, Neb.; Joseph Lambert, Smith Center, Kan.; W. T. Hammond, Portis, Kan.; Hill & King, Dover, Kan.; Striker Bros., Fredonia, Kan.; The Mortons, Tampa, Kan.; F. M. Giltner, Winfield, Kan.; C. W. Jones, Solomon, Kan.
 Judge—C. A. Stannard.
 Aged Boar—1, W. T. Hammond on Valley Chief; 2, Stryker Bros. on Westener; 3, Dawson's Sons on Exemplar; 4, Stryker Bros. on (no name). Senior yearling boar—1, Dawson on Grandeur; 2, Lambert Bros. on Colossus Ex 2d. Junior yearling boar—1, W. T. Hammond on Long Chief; 2, The Mortons on Major Union; Dawson's Sons on O. K. Hadley; 4, Stryker Bros. on Piloted. Senior pig—1, Dawson's Sons on Advance; 2, Stryker Bros. on Imp's Choice; 3, Lambert Bros. on Quamo; 4, C. W. Jones on Vie Carlos. Junior pig—1, F. M. Giltner on On's Chief; 2, F. M. Giltner on On's Chief 2d; 3, Lambert Bros. on (not named); 4, Giltner on Artist's Keep On.
 Aged Sow—1, C. W. Jones on Miss Mollie; 2, W. J. Bowman on Mollie K.; 3, Lambert Bros. on Helene; 4, Lambert Bros. on Lucy Sunflower. Senior yearling sow—1, Stryker Bros. on Silk Knight; 2, Stryker Bros. on Spanish Queen; 3, Stryker Bros. on Mortons' Choice. Junior yearling sow—1, Stryker Bros. on Politeness; 2, Dawson's Sons on Lady Defender; 3, Hammond on Unnamed; 4, Stryker Bros. on Pilot Queen. Senior sow pig—1, Dawson's Sons on Big

Dame; 2, Stryker Bros. on (no name); 3, Dawson's Sons on Pana Lady; 4, Hammond on Unnamed. Junior sow pig—1, Lambert; 2, Giltner on Faith; 3, Giltner on Hope; 4, Giltner on Charity.
 Champion Boar (any age)—Hammond on Valley Chief.
 Champion Sow (any age)—Jones on Miss Mollie.
 Aged Sow Herd (bred by exhibitor)—1, Hammond; 2, Stryker Bros.; 3, Lambert Bros.
 Young Sow Herd (bred by exhibitor)—1, Dawson's Sons; 2, Giltner; 3, Stryker Bros.; 4, Lambert Bros.
 Get of Sire—1, Stryker Bros. on get of Pilot; 2, Dawson's Sons on get of Panorama; 3, Giltner on get of Hulda's Keep On; 4, Lambert Bros. on Quin Cord.
 Produce of Sow—1, Giltner on On's White Stocking; 2, Lambert Bros.; 3, Giltner on Artist's Model; 4, Palmer on Pride.
 O. I. C.'s.
 Exhibitors—W. W. Waltmire & Sons, Peculiar, Mo.; L. C. Reese, Prescott, Ia.; Arthur Mosse, Leavenworth, Kan.; Sidney D. Frost, Kingsten, Mo.; C. E. Doty, Charleston, Ill.
 Aged Boar—1, C. E. Doty; 2, L. C. Reese on Keep On; 3, Waltmire on Royal Champion. Senior yearling boar—1, Reese on Pathfinder; 2, Arthur Mosse on Don Raymore; 3, Doty, Junior yearling boar—1, Reese on Counsellor; 2, Mosse on White King; 3, Reese on Reese's Sam; 4, Reese on Keep On Boy. Senior boar pig—1, Mosse on King B; 2, Reese on Keep On Favorite; 3, Doty, Junior boar pig—1, S. D. Frost on Frost's Model; 2, Frost on Frost's Ideal; 3, Reese on Jim's Favorite; 4, Mosse.
 Aged Sows—1, Reese on Queen's Best; 2, Reese on Susanna; 3, Mosse on Dona Bell; 4, Waltmire on O. K. Amy 2d. Junior sow pig—1, Frost on Daisy Frost; 2, Frost on Bell Frost; 3, Reese; 4, Mosse.
 Champion Boar (any age)—Reese on Pathfinder.
 Champion Sow (any age)—Reese on Sweet Marie.
 Aged Herd—1, 2, 3, Reese; 4, Waltmire. Breeders' Young Herd—1, Reese; 2, Doty; 3, Frost; 4, Reese.
 Get of Sire—1, Reese on get of Keep On; 2, Reese on get of Keep On; 3, Mosse on get of Dan McKido; 4, Doty.
 Produce of Sow—1, Frost on produce of Gretchen 5th; 2, Reese on Gen. Favorite; 3, Mosse on Dora May; 4, Waltmire on Bessie 5th.
 Western O. I. C. Recording Association's Specials—Four specials, best boar under 6 months, best sow under 6 months, best herd get of sire, best produce of dam, all awarded to S. D. Frost.
 Senior Yearling Sow—1, Reese on Fancy Girl; 2, Reese on Sweet Marie; 3, Reese on Flossy; 4, Doty on Eldora. Junior yearling sow—1, Reese on Bouch; 2, Reese on Jim's Favorite; 3, Mosse on Dona Diana; 4, Waltmire.
 Duroc Jerseys.
 Exhibitors—C. R. Doty, Charleston, Ill.; J. R. Blackshere, Elmdale, Kan.; Searle & Cottle, Topeka, Kan.; R. D. Martin & Sons, Eureka, Kan.; G. C. Norman, Winfield, Kan.; Valley Stock Farm, Thompson, Mo.; G. M. Hammond, Manhattan, Kan.; Philip Albrecht, Smith Center, Kan.
 Judge—C. A. Stannard, Emporia, Kan.
 Aged Boar—1, Royal Scion Farm on King Orion; 2, G. M. Hammond on G. M.'s Colonel; 3, Morton & Sons on Model Duroc. Senior yearling boar—1, W. O. Smith on Col. Bole; 2, J. R. Blackshere on J. R.'s Chief. Junior yearling boar—1, Hammond on Tattarrax Again; 2, Hammond on Hogate's Notcher; 3, Albright; 4, Doty. Senior boar pig—1, Hammond on Tattarrax Colonel; 2, Hammond on Tattarrax Mac; 3, Morton & Son on Beauty's Bob; 4, Blackshere. Junior boar pig—1, Albright on Waldo's Best; 2, Hammond; 3, Hammond; 4, Blackshere.
 Aged Sows—1, Morton & Sons on Crimson Lady; 2, Morton & Sons on Lady Maud; 3, Hammond on Lady Arion; 4, Blackshere on Lincoln Model. Junior sow pig—1, Doty; 2, Doty; 3, Hammond; 4, Hammond. Senior yearling sow—1, Doty on Anthem; 2, Blackshere on Model A; 3, Blackshere on Model C. Junior yearling sow—1, Blackshere on Rose Tint; 2, Blackshere on Model D; 3, Doty; 4, Doty. Senior sow pig—1, Blackshere on Model E; 2, Hammond on Colonless 1st; 3, Hammond on Tat's Doty 1st; 4, Hammond on Colonless 2d.
 Champion Boar (any age)—Royal Scion Farm on King Orion.
 Champion Sow (any age)—Martin & Sons on Crimson Lady.
 Aged Herd—1, Doty; 2, Blackshere; 3, Martin.
 Young Herd—1, Hammond; 2, Hammond; 3, Blackshere; 4, Hammond.
 Get of Sire—1, Hammond on get of G. M.'s Col.; 2, Blackshere on get of High Chief; 3, Martin & Son on get of Dandy Duke; 4, Hammond on get of Tallarak.
 Produce of Sow—1, Blackshere on produce of Model A; 2, Hammond on produce of Duroc Lady; 3, Smith on get of Lillian King.
 SHEEP DEPARTMENT.
 The judging is completed in the sheep department. C. R. Doty of Charleston, Ill., and McKerrow & Sons of Pewaukee, Wis., were the heaviest winners. The awards:
 Shropshires.
 McKerrow & Sons, Pewaukee, Wis., 7 firsts, 6 seconds, 1 third; Lucy & Sons, Meriden, Kan., 1 second, 5 thirds; C. R. Doty, Charleston, Ill., 2 firsts, 2 seconds, 2 thirds.
 Southdowns.
 W. W. Waltmire, Peculiar, Mo., 2 firsts, 6 seconds, 6 thirds, champion ewe; C. R. Doty, Charleston, Ill., 7 firsts, 3 seconds, 2 thirds, champion ram.
 Hampshires.
 McKerrow & Sons, Pewaukee, Wis., 6 firsts, 4 seconds, 5 thirds, champion ewe, champion ram; C. R. Doty, Charleston, Ill., 2 firsts, 3 seconds; W. W. Waltmire, Peculiar, Mo., 1 second, 2 thirds.
 Oxford Downs.
 McKerrow & Sons, Pewaukee, Wis., 5 firsts, 2 seconds, 6 thirds, champion ram; J. A. Hechtner, Hampton, Ia., 2 firsts, 5 seconds, 1 third, 1 fourth, 1 fifth, champion ewe; W. W. Waltmire, Peculiar, Mo., 1 fifth.
 Cotswold.
 C. R. Doty, Charleston, Ill., 6 firsts, 1 second, champion ram, champion ewe, champion flock, champion pen.
 All Merinos and Rambouettes to C. R. Doty, Charleston, Ill., there being no other entries.

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If you want a small engine—for pumping, etc.—this proposition will be like a gift of \$25.00 to \$40.00 in cash. If you need a larger size—as much as 28 h. p.—my proposition is as good as \$300.00 cash in your pocket.

Why donate from \$25.00 to \$300.00 extra when you buy your engine direct? Why hand out this money to dealers and jobbers when my proposition will enable you, if you're one of the first ten in your township to write, to pocket the entire amount yourself. My advice is—be one of the first ten. It doesn't matter what you need the power for—

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LIVE STOCK



A silo can be built below the surface of the ground and it will keep silage in good shape, too, but the fellow who owns it will be sorry. Silage is heavy stuff and it is easier and cheaper to elevate it into the silo by the use of power at the time of cutting than it is to elevate it from an underground silo by hand.

Shropshire sheep are the most popular breed in Kansas, though many others are raised. The Hampshire, which has been called the "big Shropshire," would seem to have many characteristics to recommend it to Kansas farmers, and in neighborhoods where it is grown, it has "run out" the other breeds.

A Pennsylvania farmer, who lives in a state that has had long years of experience with the silo before they became popular in the west, reports that he wintered 20 sows on silage and alfalfa last winter. His results were entirely satisfactory, as the sows made a good growth, kept healthy and active and produced good litters in the spring. The 20 sows raised 100 pigs on this ration except that, in the early spring, they received a light grain ration because the silage and alfalfa ran short. This shows the possibilities of silage, but, unless it be made from well matured corn with the ears on, it is better to feed a grain ration.

"One of the greatest difficulties experienced by hog raisers has been found in the fences. Almost everything has been used for fences, but nothing has ever approached the woven wire fence in affording security against outbreak. This fence is now so cheap that the hog raiser cannot afford to be without it, while its permanence is such that it outlasts all other kinds.

One breeder makes a practice of keeping an old pair of arctic overshoes in a handy place for the use of visitors who come to inspect his hogs. When he goes to the hog pens, he dons a pair of rubber boots and insists on the visitor wearing the overshoes as a precaution against cholera. He is not so careful in regard to English sparrows, crows and cats, however, though he does keep the dogs away. He has not had the cholera in his herd for years, and thinks his immunity is due to his precautions.

A Kansas farmer who keeps books is reported to be able to show that his hogs net him 200 per cent profit each year. He kept tab on three sows which raised 61 pigs in two litters each. These pigs sold for \$630 and, after deducting the value of the sows, the cost of labor and feed, the profits showed as stated.

The public sale season for purebred live stock is opening up in great shape. By far the largest number of such sales are made by swine breeders, and this is as it should be. Every farmer should raise hogs, and every one should be interested in improving his stock. There is no better or quicker way to get into the game of hog raising than to attend the public sales made by the breeders, and have a chance to take your pick at your own price. Now that haying is over and the corn not ready, there is a little time that can be spared from the farm, and no more profitable way could be devised than to attend the hog sales.

Thus far all kinds of live stock that has passed through the auction ring has sold well and, in some cases, the cattle have sold high. In fact, both cattle and hogs that are well kept and in good condition sell at farm sales at prices very close to those reached by purebred animals. There never was a better time in recent years for the farmer to get into the purebred business than right now.

Farmers in certain sections of Eastern Kansas, where alfalfa has not yet proved a success and where clover is hurt by dry weather, are using more cowpeas and liking them. These peas are members of the legume family, like clover and alfalfa, and are great enrichers of the soil. They resist drouth

to a wonderful degree and make splendid feed, either as hay or grain. To plow under for green manure they are hard to beat.

No farm animal enriches the land like sheep. Counting this as a valuable asset, the sheep raiser has four sources of income from his flock, and no other farm animal produces so many. These are the manure, the wool, the increase and the mutton. Three of these may be marketed as conditions may warrant but the manure we have always with us.

Hogs Are Sold Light.

A feature of the recent hog market is the constantly declining average weights and poor quality. At Kansas City weights have recently averaged 18 pounds, which is 15 pounds less than the first week in June, and 22 under the corresponding week a year ago. The general drouth and the uncertainty of crop conditions are responsible for the widespread liquidation of unfinished hogs. Great numbers of thin sows are included in the recent receipts. Heavy hogs and good packing stock have ranged from 6 1/2 @ 7c per pound, while the mixed lots have tended lower.

Cattle shipments have been heavy from the drouth-stricken sections of Texas, Oklahoma and Kansas. Losses are heavy in these states, and thousands of the cattle have been forced to market, only to be sent into pastures and feed lots in more favored districts.

Why Not More Sheep?

The observant traveler who enters the state of Kansas from either direction is impressed by the fact that this state possesses few sheep, while all the neighboring states have many. He is also impressed by the fact that Kansas has many dogs, and he naturally puts 2 and 2 together.

This is not necessary at all, as the dog question would soon be settled if the farmers would generally raise sheep on their farms. It is not urged that those who do not wish to specialize should go into the sheep business extensively, but it is urged that there is a place for a few head of sheep on nearly every farm, just as there is room for chickens, and that sheep are very profitable farm animals, both as weed destroyers and as wealth producers.

Small flocks of from 25 to 100 can be cared for with but little more effort than so many chickens, and they usually do make a profitable side line.

A little study of the breeds and good deal of study of the sheep may be necessary to the novice, but no kind of stock can be profitably raised without a knowledge of how to do it. The exhibitors at the State Fair were successful in booking many orders for sheep, and this would seem to indicate a growing interest in the sheep business, but there is room for a much more rapid growth. The comparative few sheepmen who have bred these animals for a long time in Kansas are well-to-do and are all united in the statement that the sheep have been the foundation of their present prosperity.

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Get the Boar While Young.

One of the greatest sources of disappointment to both farmers and breeders is to be found in the very general practice of postponing the purchase of the boar until time for service. The farmer who knows that he must

a boar will wait until the breed- season before making his purchase, or the impression that he is saving by so doing, because he does not to feed and care for him. No mistake could be made.

the farmer who is raising hogs, and ought to mean every farmer, al- has on hand a supply of feed, the additional grain and care given boar pig will not cut any serious in his expense account. This is, ever, only the smaller side of the tion. If the farmer buys his future header while yet a pig, he has the ce to develop him and, in the satis- he will derive from this, as well in the better quality which he may op in the animal, will be found a greater compensation than can ly be had in purchasing a boar ly made."

another thing. When the boar is ht as a pig, the shipping charges less and the pig is secured at his If he is not in the best of health condition as a pig he never will be. gives the purchaser a chance to see his growth is not stunted, and he be made to go on growing into ey with never a setback.

When the boar is purchased young he ceaper. The difference in price be- a pig and a mature boar is con- able, and is altogether too much to the other fellow for feed and care, you can give these better yourself. farmer who buys from a boar pig the advantage of being able to et his choice from among a large ber before they are culled. Here is he gets a big chance at a bargain h would entirely miss him if he very thing can be said in favor of ing the boar while young, and but in favor of waiting.

Sunstroke in Horses.

With the atmospheric temperature in neighborhood of 100 in the shade, anywhere from 10 to 20 degrees er in the sun, the wonder is that horses are not killed from the ex- ce heat. So long, however, as the is dry the danger is not so great as a lower temperature and a greater unt of moisture in the atmosphere. here are two conditions which are ally responsible for the trouble com- ly called sunstroke, one is the direct y of the sun upon the animal causing stroke proper, the second is caused re from the humidity in the atmos- ere, resulting in heat stroke, or more rly heat exhaustion.

either case the result is practically same—an active congestion of the e. Death may result quickly from mplete stagnation of the circulation the blood in the brain, or the nerve ers controlling the heart's action be paralyzed, causing heart failure. the animal stops or hangs his head, ns to stagger or in any way shows s of brain trouble, unhitch him at e and cool him off. Apply ice or very water freely to the head and along spine. At the same time turn the y on him and cool him off all over his y. Do this for 10 or 15 minutes, or if you reduce his fever. Rub his limbs oughly with spirits of camphor and e him internally one ounce of aro- ic spirits of ammonia in half a pint water, or half an ounce of carbonate ammonia dissolved in one pint of er. If he is a very valuable horse, in a graduate veterinarian while you e treating him. A more active stim- may be required when the reaction is in; also some after treatment may e necessary, as many horses are liable suffer subsequent attacks—watch him e.

The oncoming of an attack may be gnized sometimes and the acute trou- averted. If the horse becomes sud- ly tired or lacks his usual spirit and eadness to go, and especially if he s not sweat, or sweats only in spots, s time to let him stand in the shade e give him a swallow or two of cool h water. Not too much at a time, e repeat in five or ten minutes until he s better. In the course of an hour or e give him all he wants. At the same e with a sponge or cloth cool his head h ice cold water externally, but a full ight of very cold water internally e cause founder—give it gradually. e up this treatment until he begins e sweat freely, not only in spots but all e. The habit of covering the head h a straw hat or damp sponge has e many a horse's life.—Dr. F. S. ehnheiser, K. S. A. C.

Secretary Frank S. Springer of the ean Berkshire Record Association has e Volume No. 37 of the Register, e may be had by addressing him at efield, Ill. Charles E. Sutton, Law- e, is the vice-president of the asso- e for Kansas.

OFFICIAL KANSAS GRADES. Under provisions of chapter No. 222, Laws of 1907, the Grain Grading Commission appointed under said act, met pursuant to published call at the Governor's office in Topeka, Kansas, on the 31st day of July, 1911, and established the following grades of grain, to be known as Kansas Grades, to be in effect on and after the 1st day of August, 1911.—J. G. Maxwell, McPherson; Thomas Page, Topeka; A. T. Rogers, Beloit, Grain Grading Commission.

Rule 1.—Wheat which has been subjected to "scouring," or to some process equivalent thereto, or containing an objectionable amount of rye, shall not be graded higher than No. 3.

GENERAL.

Rule 2.—All wheat, corn, oats, barley, rye and hard corn that is in a heated condition, souring, or too damp to be safe for ware- house, or that is badly bin-burnt, fire- burnt, fire-smoked, or badly damaged, dirty, or where different kinds of grain are badly mixed with one another, shall be classed "Sample Grade," and the inspector shall make notation as to quality and condition; and whenever it is evident that wheat screenings or other dirt has been mixed into wheat, the same shall not be graded better than Sample Grade.

LIVE WEEVIL.

Rule 3.—Wheat containing live weevil shall not be graded, but the inspector shall give the variety of wheat and test weight, and note "Live Weevil."

PLUGGED CARS.

Rule 4.—Inspectors shall in no case make the grade of grain above that of the poorest quality found in any lot of grain inspected, where it has evidently been "plugged" or otherwise improperly loaded for the purpose of deception.

REASONS FOR GRADING.

Rule 5.—All inspectors shall make their reasons for grading below No. 2 fully known by notation on their report. The weight alone shall not determine the grade.

THE WORD "NEW."

Rule 6.—The word "New" shall be inserted in each certificate of inspection of newly harvested wheat until September 1 of each year.

REINSPECTIONS.

Rule 7.—All orders for reinspection must be in the office within the first forty-eight hours following the original inspection, and in no case will grain be reinspected after a lapse of three days from the date of the original inspection.

CLAIMS.

Rule 8.—All claims for damages against the inspectors or weighmasters must be filed in the office before the grain has left jurisdiction of this department.

MIXED WHEAT.

Rule 9.—In case of an appreciable mixture of hard and soft wheat, red and white wheat, durum and spring wheat, dark hard and yellow hard wheat, with each other, it shall be graded according to quality thereof and the kind of wheat predominating, shall be classed No. 1, 2, 3 or 4 Mixed Wheat, and the inspector shall make notation describing its character.

SULPHURED GRAIN.

Rule 10.—All oats or barley that has been chemically treated with sulphur shall be classed as "Sulphured Grain," and inspectors shall note same on certificate of inspection.

NOTICE.

These official Kansas Grades are given us by the Grain Grading Commission, and will be the basis of all inspections made. Misunderstandings can be avoided by interested parties making themselves familiar with these rules.

D. R. GORDEN, Chief Inspector.

HARD WINTER WHEAT.

No. 1 Dark Hard.—Shall be hard winter wheat of the dark variety, sound, sweet, dry, plump and clean, and shall weigh not less than sixty-one pounds to the bushel.

No. 2 Dark Hard.—Shall be hard winter wheat of the dark variety, sound, sweet, dry, plump and clean and shall weigh not less than fifty-nine pounds to the bushel.

No. 3 Dark Hard.—Shall be hard winter wheat of the dark variety, sound, sweet, dry; may be some bleached, but not clean or plump enough for No. 2, and shall weigh not less than fifty-six pounds to the bushel.

No. 4 Dark Hard.—Shall be hard winter wheat of the dark variety, tough, sprouted, or from other causes so badly damaged as to render it unfit for No. 3.

HARD WINTER WHEAT.

No. 1 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than sixty-one pounds to the bushel.

No. 2 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-nine pounds to the bushel.

No. 3 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, may be some bleached, but not clean or plump enough for No. 2, and shall weigh not less than fifty-six pounds to the bushel.

No. 4 Yellow Hard.—Shall be hard winter wheat of the yellow variety, tough, sprouted, or from any cause so badly damaged as to render it unfit for No. 3.

KANSAS TURKEY WHEAT.

Hard winter wheat of the long berry, dark, amber-colored type of the Turkey varieties shall be classed as No. 1 Kansas Turkey Hard Wheat, No. 2 Kansas Turkey Hard Wheat, No. 3 Kansas Turkey Hard Wheat, No. 4 Kansas Turkey Hard Wheat, and inspection certificates issued accordingly; and the other specifications for each of these grades shall be the same as for Kansas Hard Winter Wheat of the same grade.

RED WINTER WHEAT.

No. 1 Red Winter.—Shall be red winter wheat, sound, sweet, dry, plump and clean, and shall weigh not less than sixty pounds to the bushel.

No. 2 Red Winter.—Shall be sound, sweet, dry, plump and clean, may contain not more than 5 per cent of hard winter or white winter wheat, and weigh not less than fifty-eight pounds to the bushel.

No. 3 Red Winter.—Shall be sound, sweet, dry, may be some bleached, but not clean or plump enough for No. 2, may contain not more than 8 per cent of hard winter or white winter wheat, and shall weigh not less than fifty-five pounds to the bushel.

No. 4 Red Winter.—May be tough, skin-burned or dirty, may contain not more than 10 per cent of hard winter or white winter wheat; must be cool, and shall weigh not less than fifty pounds to the bushel.

WHITE WINTER WHEAT.

No. 1 White Winter Wheat.—Shall be sound, sweet, dry, plump and clean, and shall weigh not less than fifty-eight pounds to the bushel.

No. 2 White Winter Wheat.—Shall be sweet, sound, dry and clean, and not con-

tain more than 8 per cent of red winter or hard winter wheat, and shall weigh not less than fifty-six pounds to the bushel.

No. 3 White Winter Wheat.—Shall be sound, sweet, dry, may be some bleached, but not clean or plump for No. 2, and contain not more than 10 per cent of red winter or hard winter wheat and shall weigh not less than fifty-three pounds to the bushel.

No. 4 White Winter Wheat.—Shall include tough, musty, dirty white winter wheat, not to contain more than 10 per cent of red winter or hard winter wheat, and shall weigh not less than fifty pounds to the bushel.

NORTHERN HARD SPRING WHEAT.

No. 1 Northern Hard Spring.—Must be northern-grown spring wheat, sound, sweet, dry and clean, more than 50 per cent of the hard varieties, and weigh not less than fifty-seven pounds to the bushel.

No. 2 Northern Hard Spring.—Must be northern-grown spring wheat, not clean, sweet or sound enough for No. 1, more than fifty per cent of the hard varieties, and weigh not less than fifty-six pounds to the bushel.

No. 3 Northern Hard Spring.—Must be northern-grown spring wheat of inferior quality, more than 50 per cent of the hard varieties, and weigh not less than fifty-four pounds to the bushel.

No. 4 Northern Hard Spring.—Shall include all inferior, shrunken, northern-grown spring wheat that is badly damaged, more than 50 per cent of the hard varieties, and weigh not less than forty-nine pounds to the bushel.

SPRING WHEAT.

No. 1 Dark Spring.—Shall be spring wheat of the dark variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-nine pounds to the bushel.

No. 2 Dark Spring.—Shall be spring wheat of the dark variety, sound, sweet, dry, clean and of good milling quality, and shall weigh not less than fifty-seven pounds to the bushel.

No. 3 Dark Spring.—Shall be spring wheat of the dark variety, sweet, but may be some bleached and shrunken, and shall not weigh less than fifty-five pounds to the bushel.

No. 4 Dark Spring.—Shall include spring wheat of the dark variety, tough, musty, sprouted, or that which from any cause is rendered unfit for No. 3, and shall weigh not less than fifty pounds to the bushel.

WHITE SPRING WHEAT.

The grades of Nos. 1, 2, 3 and 4 White Spring Wheat shall correspond with the grades Nos. 1, 2, 3 and 4 dark spring wheat, except they shall be of the white variety.

DURUM (MACARONI) WHEAT.

No. 1 Durum.—Shall be bright, sound, sweet, dry and clean durum wheat, and shall weigh not less than sixty pounds to the bushel.

No. 2 Durum.—Shall be sound, sweet, dry and clean durum wheat, and shall weigh not less than fifty-eight pounds to the bushel.

No. 3 Durum.—Shall be dry, sweet, may be some bleached or from any cause unfit for No. 2, and shall weigh not less than fifty-five pounds to the bushel.

No. 4 Durum.—Shall include durum wheat that is tough, bleached, or shrunken, and shall weigh not less than fifty pounds to the bushel.

PACIFIC COAST RED AND WINTER WHEAT.

No. 2 Pacific Coast Wheat.—Shall be dry, sound, clean, may be tainted with smut and alkali, and weigh not less than fifty-eight pounds to the bushel.

No. 3 Pacific Coast Wheat.—Shall include all other Pacific coast wheat, may be smutty or for any reason unfit for flouring purposes, and weigh not less than fifty-four pounds to the bushel.

(Note.—In case of a mixture of red or white Pacific coast wheat with our home-grown wheat, such mixture shall be graded Pacific Coast Wheat.)

RYE.

No. 1 Rye.—Shall be plump, sound, dry and free from other grain and well cleaned.

No. 2 Rye.—Shall be plump, sound and clean.

No. 3 Rye.—May be shrunken, bleached, and not clean enough for No. 2.

No. 4 Rye.—To include all tough, musty or dirty rye unfit for No. 3.

OATS.

No. 1 White Oats.—Shall be pure white oats, dry, sweet, sound, clean, and free from other grain.

No. 2 White Oats.—Shall be seven-eighths white, sound, dry, and contain not more than 1 per cent each of dirt or foreign matter or 3 per cent of other grain.

No. 3 White Oats.—Shall be seven-eighths white, sound, dry, and not more than 3 per cent of dirt or foreign matter nor 5 per cent of other grain.

No. 4 White Oats.—Shall be seven-eighths white, tough, musty, or from any cause unfit for No. 3.

RED OATS.

The grades of Nos. 1, 2, 3 and 4 Red Oats shall correspond with the grades of Nos. 1, 2, 3 and 4 White oats, except that they shall be of the red variety.

MIXED OATS.

No. 1 Mixed Oats.—Shall be mixed oats of various colors, dry, sound, sweet, clean, and free from other grain.

No. 2 Mixed Oats.—Shall be mixed oats of various colors, dry, sound, sweet, and not contain more than 2 per cent of dirt, or foreign matter or 3 per cent of other grain.

No. 3 Mixed Oats.—Shall be mixed oats of various colors, sweet, and shall not contain more than 3 per cent of dirt or foreign matter or 5 per cent of other grain.

No. 4 Mixed Oats.—Shall be mixed oats, tough, dirty, or from any cause unfit for No. 3.

STANDARD WHITE OATS.

Shall be seven-eighths white, sound, sweet, and shall not contain more than 3 per cent of dirt or foreign matter or 5 per cent of other grain.

BARLEY.

No. 1 Barley.—Shall be sound, bright, sweet, clean, and free from other grain.

No. 2 Barley.—Shall be sound, dry, and of good color.

No. 3 Barley.—Shall include shrunken, stained, dry barley unfit to grade No. 2.

No. 4 Barley.—Shall include tough, musty, dirty barley.

SPELTZ.

No. 1 Speltz.—Shall be bright, sound, dry, and free from other grain.

No. 2 Speltz.—Shall be sound and dry, and not contain more than 10 per cent of other grain.

No. 3 Speltz.—Shall be dry, not sound enough for No. 2, and contain not more than 10 per cent of other grain.

No. 4 Speltz.—To include all speltz that is dirty, musty or tough.

Husky Overalls for Lusty Farmers. Trouser-protectors that have "stickability." First-class articles—like your farm implements. We're as proud of their good qualities as you are of your corn and other products. And we have a right to be, just as you have. They're strong, honest Western goods—well made, long lasting and comfortable. The finest drills and denims we can buy—real indigo blue-dye. Cut over roomy, perfect fitting patterns. Double stitched, and warranted not to rip. Riveted buttons can't pull off. Buttonholes won't tear out. Colors won't fade. Plenty of pockets. Inseam and outseam on the legs—fit like trousers. Never bind or pinch. Ideal Overalls. We are the biggest manufacturers of work clothes in the West—Ideal overalls, jumpers, shirts, duck and corduroy coats—and Ideal dress shirts. Our eight large factories are worked to the limit. Ask for Ideal Work Clothes—by name—the next time you need any. If your storekeeper doesn't sell them, tell us his name, and we'll see that you are supplied. Write for illustrated booklet, and fine novelty for the children. M. E. SMITH & CO. SOLE AGENTS. 300 PARKMAN ST. OMAHA

LIVE STOCK INSURANCE—Cheap and reliable. Write for our plan. Geo. Withers, Clay Center, Kan.

CORN. The following maximum limits shall govern all inspection and grading of corn: Grade.

Table with 4 columns: Grade, Percentage of moisture, Percentage of broken grains, Percentage of dirt and broken grains. Rows for No. 1, 2, 3, 4 Durum and No. 1, 2, 3, 4 White Corn.

WHITE CORN. No. 1 White Corn.—Shall be pure white corn, and sweet. No. 2 White Corn.—Shall be fifteen sixteenths white, and sweet. No. 3 White Corn.—Shall be fifteen-sixteenths white and sweet. No. 4 White Corn.—Shall be fifteen-sixteenths white, but shall include tough, musty, and damaged corn.

YELLOW CORN. No. 1 Yellow Corn.—Shall be pure yellow corn, and sweet. No. 2 Yellow Corn.—Shall be seven-eighths yellow, and sweet. No. 3 Yellow Corn.—Shall be seven-eighths yellow, and sweet. No. 4 Yellow Corn.—Shall be seven-eighths yellow, but shall include tough, damaged or musty corn.

MIXED CORN. No. 1 Mixed Corn.—Shall be corn of various colors, and sweet. No. 2 Mixed Corn.—Shall be corn of various colors, and sweet. No. 3 Mixed Corn.—Shall be corn of various colors, and sweet. No. 4 Mixed Corn.—Shall be corn of various colors, but shall include tough, damaged or musty corn.

KAFIR-CORN. No. 1 White Kafir Corn.—Shall be pure white, of choice quality, sound, dry, and well cleaned. No. 2 White Kafir Corn.—Shall be seven-eighths white sound, dry, and clean. No. 3 White Kafir Corn.—Shall be seven-eighths white, not dry or clean or sound enough for No. 2. No. 4 White Kafir Corn.—Shall be seven-eighths white, tough, damaged, musty or dirty.

RED KAFIR CORN. The grades of Nos. 1, 2, 3 and 4 Red Kafir corn shall correspond with grades Nos. 1, 2, 3 and 4 White Kafir corn, except that they shall be of the red variety.

MIXED KAFIR CORN. No. 1 Mixed Kafir Corn.—Shall be mixed Kafir corn of choice quality, sound, dry, and well cleaned. No. 2 Mixed Kafir Corn.—Shall be mixed Kafir corn, sound, dry and clean. No. 3 Mixed Kafir Corn.—Shall be mixed Kafir corn, not clean, dry or sound enough for No. 2. No. 4 Mixed Kafir Corn.—Shall be mixed Kafir corn, tough, musty or dirty.

MILLO MAIZE. No. 1 Millo Maize.—Shall be millo maize of choice quality, sound, dry and well cleaned. No. 2 Millo Maize.—Shall be millo maize that is sound, dry and clean. No. 3 Millo Maize.—Shall be millo maize that is not dry or sound enough for No. 2. No. 4 Millo Maize.—Shall include all millo maize that is tough, musty or dirty. The foregoing are the rules adopted by the Kansas Grain Inspection Department establishing a proper number and standard of grades for the inspection of grain. The same to take effect on and after August 1, 1911, in lieu of all rules on the same subject heretofore existing. D. R. GORDEN, Chief Inspector, 306 Husted Building, Kansas City, Kan.



Make Your Fall and Winter Dairying Profitable

The wasteful losses of any "gravity" setting system or poor cream separator are always greatest when the milk is often cool or the cows are old in lactation, and under these conditions, with butter prices highest, the use of the best cream separator becomes even more important than at any other season, so that a

DE LAVAL

Will Save Its Cost by Spring

With any setting system you are wasting at least a quarter of your product at this season, with cream and butter values highest, while the superiority of the De Laval to other separators is always greatest under the difficult conditions of separation, particularly in the skimming of cool milk.

Why delay your purchase of a De Laval until another Spring? Put it in now and let it save its own cost meanwhile. And as to that you may either buy for cash or on such liberal terms that the machine will actually pay for itself.

You may prove all this by test to your own satisfaction. See the local De Laval agent or communicate directly with the Company.

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America's Clearing-House Show of the National Pure Bred Live Stock Associations, where State and Interstate Winners meet for Final Contests.

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KANSAS FARMER STOCK KNIFE.



Reduced Size. This is the handiest and best stock knife on the market. Buffalo horn handle, German silver inlaid. Large scimitar blade, hoof blade and smaller pen blade. Brass lined. A beauty and fully guaranteed. Would cost \$1.00 to \$1.25 in any retail store. Sent prepaid to any subscriber of Kansas Farmer for only 85 cents. Given free to any old or new subscriber sending \$1.00 for a year's subscription and 15 cents extra for shipping.

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Auto Tires—Best Quality

45% SAVING

The Leading Standard Makes. No Junk of Obscure Manufacturers.

28x3	..\$ 9.85	32x3 1/2	..\$17.35	32x4	..\$22.50
30x3	..\$11.10	34x3 1/2	..\$18.15	33x4	..\$24.60
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These tires have size and serial numbers on complete guarantees, but as we buy cheap for cash only, the manufacturers sell them to us without recourse and we sell them to you in the same way. Every size for every rim. 10% must accompany order, balance C. O. D. on approval. Specify Diamond, Firestone, Shawmut, Para, Imperial, Fisk, Hartford Makes.

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DAIRY



A good dairy cow will produce half her own weight in butter each year, and continue to do this during her active life. A good beef steer produces two-thirds of his weight in beef, and does it but once in his life. The cow sells her own weight in butter each two years at 25 cents per pound. The steer sells his own weight in beef in the same period at 6 cents per pound.

Butler county, Kan., is said to have nearly 100,000 acres in Kafir corn this year. This, with the numerous silos which have been and are being erected there, will insure plenty of food for both dairy and beef cattle this winter.

The use of ensilage in beef production is, as yet, a new thing, though it has long been known and appreciated, but the use of silage for the feeding and fitting of breeding and show Shorthorns is an innovation in this country. Yet this is just the use which C. S. Nevius of Chiles, Kan., proposes to make of it. Mr. Nevius has been breeding and showing Shorthorns for a good many years, and now he is building two large silos from which to feed his prize-winning stock.

A Trespassing Bull.

Another judicial decision has been made against the trespassing scrub bull. This time it was in Wisconsin, and the jury and court assessed a good, stiff fine for the damage the scrub had done among a herd of purebred cows, after breaking down the fence between. The trend of public opinion is in the right direction and may result in the proper punishment of any man who will own a scrub bull.

A Timely Warning.

Prof. T. L. Haecker, the veteran dairy authority of Minnesota, sounds a note of warning in regard to breeders who seek to unduly promote the interest of their stock on the strength of short period tests. He takes the ground that such tests may be misleading as the result of questionable methods in the way of preparing a cow for a test, usually by having her fat so as to produce abnormally rich milk, and that under these conditions the experiment stations are asked to officially authenticate the tests. They have no authority over the conditions under which the tests are made, but as a result it may be said that they are parties to what deception there may be under this system of testing.

Buy Purebreds Now.

Every indication points to the fact that purebred cattle are cheaper now than they will be for years to come, while the price of market animals will evidently become no cheaper than they have been this season.

These facts loom large to the ranchman, who should take this opportunity to secure purebred bulls; to the young breeder who would start a herd; to the old breeder who needs new blood, and to the farmer who must be the beef producer of the future. Like other money-making machines, the beef animal is valuable, as it is an economical producer. Almost any old cow will produce beef of a sort, but not of the kind that the market demands or that buyers will pay good prices for. Purebred animals are the best machines for producing beef of high quality, because they are generally the only ones. High-grades may produce good beef and do it economically, but this is because of the pure blood in their veins, but they are not naturally so reliable, nor is the beef of such quality.

All successful beef or pork producing farmers use either a purebred herd or purebred sires. No continued success is possible without pure blood, and nothing else can be economical on high priced land. It costs as much care and feed to make beef from scrub stock as from purebreds, and the results are always doubtful and inferior.

A good machine in good working order is always more economical than a poor one, and none but good beef-making machines should be tolerated on good farms.

Building Up a Dairy Herd.

Abraham Lincoln said: "Unquestionably it will take more labor to produce 50 bushels of wheat from an acre than it will to produce 10 bushels of wheat from the same acre, but will it take more labor to produce 50 bushels from one acre than from five?" We thus have clearly stated a truth that should be fixed in the mind of every man who milks cows. It takes more labor to produce 18,000 pounds of milk from three cows than it does to produce 10,000 from the same animal; but it does not require as much work to get 18,000 pounds of milk from two good animals as it does from six poor ones. In the beginning, one should select the breed of cattle that he likes; but breed is not everything. There are good and poor animals in all breeds. The dairyman should, as Mr. Lincoln emphasized, aim at high production, writes G. W. Patterson in Kimball's Dairy Farmer.

With the man just starting out it is well to begin with common stock that have in a way become accustomed to their surroundings, and then buy a few high-class animals from time to time. The man can then build up and improve as fast as he learns how. His stock of knowledge will always bear a desirable relationship with his bank account. Weed out with the scales and Babcock tester the poor cows and keep the good ones. In selecting a cow keep in mind that she must possess the following five essential points: A strong constitution, great feeding capacity, proper disposition or nervous temperament, ability to produce and a large flow of blood going in the right direction. After one has decided on the breed, weeded out his poor producers and fixed in mind the desired type, the next step is to select a pure bred bull. In purchasing him always demand a pedigree and insist that it contains some excellent milk records, the stick to the breed and get your neighbors to do the same thing. All these constitute a foundation—a beginning. The infant industry needs now to be protected and cared for. There must be regularity in feeding and milking. The cattle must have good quarters. They are at least four essential things about a barn. They are, warmth, light, cleanliness and ventilation. These things, together with convenience in arrangement could be had in many barns with very little expense. Thousands of barns are lacking in one or all of these essentials, especially in ventilation and light. It is well to have the heifers freshen when they are from 2 years to 30 months of age. They will make surer breeders and the milk flow will be more easily stimulated.

Dairymen should endeavor to have their cows freshen in the fall, preferably during October or November. For this there are several good reasons. First, they will give from 15 to 20 per cent more milk; second, the labor will be more evenly distributed throughout the year; third, the calves will grow into larger and more healthy animals; fourth, the cows will be producing their maximum amount of butter fat when it is highest in price. The best way to change the freshening period of a herd of cows from spring to fall is to breed them as soon as possible after they freshen. Cows should be given a vacation of six to eight weeks once during the year. They should have a rest between lactation periods. They deserve and need good care and feed at this time. They must be in proper physical shape to work hard for some 10 or 12 months, and the growing foetus needs nourishment. We must keep in mind that the food at this time should be of the kind that builds bone and muscle. Silage, clover, or alfalfa hay, bran, corn and cob meal, oil or cottonseed meal make a good feed for the dry cow. The writer was talking with a successful dairyman the other day about dry cows. The man said: "With a typical dairy cow I find it pays to feed them well when they are dry. It pays to place a liberal amount of feed and fat on their bones, for they put all into the milk pail after they freshen anyway. It takes more feed and consequently adds to the expense to produce milk when the cows are not in shape." To produce milk profitably

FREE this real leather bill fold for the Head of the Farm

(Not for boys—they're all right and their turn will come later—but this is for the boss.)

Thousands of farmers will buy gasoline engines this Fall and Winter. I want to get in direct and personal touch with every one of them, as I want them to know about the Olds Engine.

If you are going to buy an engine, or are thinking about it, you ought to know what an Olds Engine will do for you. I want to tell you about them—give you just the information you want—so if you will fill out the coupon below (or write me a letter) saying what size engine you want, whether portable or stationary, and when you expect to need one, without asking you to make any promise or obligating you in any way, *I will send you absolutely free* this genuine calfskin bill fold, stamped with your name in gold letters.

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OLDS GASOLINE ENGINES

are known the world over and used by farmers everywhere. They are the most satisfactory engine made for farm work. I guarantee them to do all we say they will—you to be the judge. Ask any man who has an Olds Engine. He will tell you.

We also make complete electric light and water systems especially for farms. Write for our prices on corn shellers, corn huskers, feed grinders and cream separators.

If you are going to buy an engine, put a check mark (X) in the place showing the size and style engine you want, and when you expect to need it, and mail to me personally at once. Address me as below.

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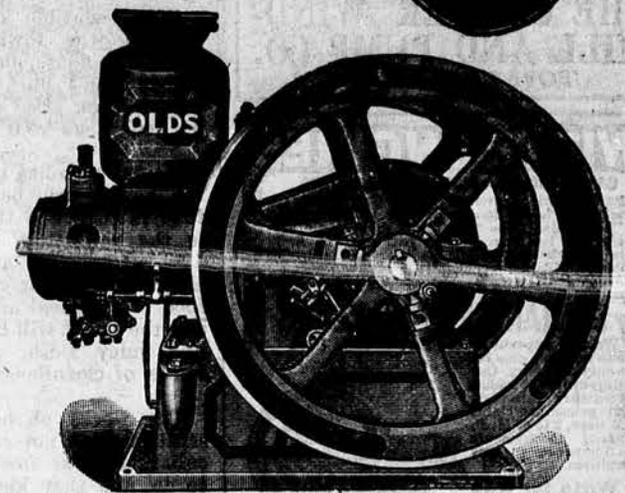
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To make quick deliveries, I also have a complete stock of engines and parts in warehouses at

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cows must eat all of the easily digested and highly nutritious feed that they can handle. The cow uses from 50 to 60 per cent of her feed to maintain her body. She uses the remainder for milk production. To gradually or suddenly become tight with the feed means that the cow will change from a milk producer to a manure factory. With high producing cows during the summer it is well to give them a little grain, as corn and cob meal, ground oats, oil meal or cottonseed meal, along with the pasture grass. With the average cow on good pasture this is not necessary and hardly advisable. When pastures are short, as they have been this summer, however, it pays to give them some extra feed. The men who have summer silos are fortunate. A ration must be palatable, balanced, cheap and easily digested. Roots or silage furnish succulence. Variety helps but with palatability. A good list of feeds to select from for winter is as follows: Silage, cottonseed meal, oil meal, corn and cob meal, ground oats, gluten feed and bran.

Power Irrigation.

That more attention will be paid to irrigation methods in the future than in the past in those sections which are thought to be entirely in the rain belt, is quite evident. Most of this will probably be given to the irrigation of small areas or to emergency work when the season is adverse.

It is possible to irrigate larger areas like a quarter section by the employment of a gasoline engine and a rotary pump of suitable capacity. At least it is done elsewhere, and C. B. Jones of South Dakota tells how he has succeeded. He says:

"Many claim that dead water is better than spring water to irrigate with. I cannot see that there is any difference; at least not enough to stop you from installing a power irrigation plant for that reason, if you wish to use that way of irrigating.

"A centrifugal pump is the best pump to use, because it throws a steady, continuous stream of water, wears longer, takes less power than other styles of pumps, or, in other words, is more efficient. It also costs much less than other

pumps of same capacity. For power I should use a gasoline engine of standard make. Steer clear of the cheap kinds.

"To lift enough water ten feet to irrigate 160 acres, I suggest a No. 6 centrifugal pump which has a capacity of about 1050 gallons per minute or 100 miner's inches of water from a 15 horse power gasoline engine. Remember that it takes twice the power to lift the same amount of water 20 feet as it does ten feet, therefore if your lift is over ten feet, the power must be increased accordingly. The pump plant should be located as near the field as possible. It requires somewhat more water to irrigate a sandy soil than a heavy soil. Be sure you have plenty of water to run the size pump you buy because a centrifugal must have water enough to run it to its rated capacity or it will not pump at all. It costs more to build ditches and laterals on rolling land, but when ditches are once built it would be easier to handle the water than on land that is almost level. It would require two men to irrigate properly with the amount of water a No. 6 pump would lift, at least until the ditches are well established.

"Small power irrigation plants are practical and economical up to 25 or 30 feet lifts. A No. 6 pump will lift enough water to irrigate about one acre per hour and a 15 horse power gasoline engine will use from one to one and one-fourth gallons of gasoline per hour.

"Many pump plants have been failures in the past because cheap machinery was used or was improperly installed. Many have secured old, second hand pumps, then pulled with either an engine too small or one many times too large. These plants, of course, were failures.

"Be sure you have plenty of water to supply the pump you wish to get; then get an engine that is properly adapted to the pump in size and your irrigation project is sure to be a success.

"Buy the best equipment. It will not cost much more than the inefficient kind. Write the U. S. Department of Agriculture for Farmers Bulletins No. 263, "Practical Information for Beginners in Irrigation;" No. 158, "How to Build Small Irrigation Ditches," which may help you. Also Farmers Bulletin No. 373, "Irrigation of Alfalfa," which may be of some value later on."

The Why of the Purebreds.

Where animals are all of one strain of blood from time immemorial, they all settle down to one type. There is no reason why they should vary. The male element and the female element work together to fix the type. When a cross takes place between animals of two different types, whether different strains of the same breed or different breeds, there is a struggle for influence between the different types. As a result, the progeny may show some of the points of each of the parents, or sometimes may resemble one of the parents very closely and show no resemblance to the other. These variations are not arbitrary. Where the male and the female elements are both equally purebred, the progeny usually shows a mixture of characteristics. Where one element is purebred and the other is crossbred, the purebred type will always predominate in the young. The blood of the purebred parent is prepotent over the other parent, because it has a fixed type, whereas the other is a mixture of types without any fixity.

This explains the prejudice of experienced breeders against mongrel sires. They may be fine looking animals, perfect in every external point, but they have little, if any, prepotency. They may produce strong, healthy stock, but there is no certainty that this produce will not cast back to the inferior strain of the blood. The average run of female live stock throughout the country is of indefinite breeding, so that there can be no certainty what the produce will be like if they are mated with badly-bred sires. With the same class of stock the purebred sire will impress his own good quality on the offspring.

Today is short, yesterday is gone, tomorrow may never come. If you have anything to do, get busy.

First Class Trees for Fall Planting.

We have no hesitancy in recommending the Wichita Nursery, Box K, Wichita, Kan. We have been acquainted with the proprietor, Mr. W. F. Schell, for many years. It is an interesting fact that Mr. Schell, then the commissioner of horticulture for Kansas, at the World's Fair, St. Louis, was

PROUD OF THEIR SHARPLES Tubular Cream Separators

Ask those who are discarding disk-filled and other complicated cream separators for Tubulars why they do it.

They will tell you how much more Tubulars make for them. There is cash value in the fact that Tubulars have twice the skimming force of others, and therefore skim faster and twice as clean. They will tell you of the unequalled durability of Tubulars. A regular hand-driven Tubular recently finished work equal to 100 years' service in a five to eight cow dairy—and the total cost for oil and repairs was only \$1.15. Tubulars wear a lifetime. Guaranteed forever by America's oldest and world's biggest separator concern.

Dairy Tubulars contain neither disks nor other contraptions and are self-oiling.

When you see why others are discarding less modern separators for Tubulars, you will realize that you, yourself, will finally have a Tubular and had better get it now. You cannot afford any other, for Tubulars repeatedly pay for themselves by saving what others lose.

You can arrange with our local representative for a free trial of The World's Best without investing one cent. Other separators taken in exchange.

Write for catalogue No. 155.



THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore., Toronto, Can., Winnipeg, Can.

awarded the grand prize for the best arranged fruit display for the state of Kansas. Mr. Schell is regarded as one of the very best posted horticulturists in his state and he is one of the oldest nurserymen in Kansas. The Wichita Nursery Co.'s trees, in Cowley county, are free from insect pests, being entirely isolated from the San Jose scale sections of Kansas. They do not sell any stock unless fully inspected and fumigated according to law. The Wichita Nursery sells direct to the planter, saving them all agent's commission. Planters, you would do well to send for their descriptive catalog, which is free, and kindly mention the Kansas Farmer.

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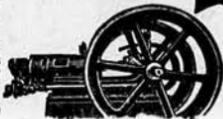
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Do the work at average cost of **One Cent** per horse power hour. Immense saving by our method of "pre-heating" the fuel. Built so perfectly that repairs cost less than \$1 per year average. Every valve is vertical and will not wear on the stem or slip inside. Freezing cannot injure bed as cylinder and base are separate. Hammered steel cranks, cut gears, etc.

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We are experts in engine building; have done nothing else for twenty-six years. Our reference is thousands of satisfied customers. Our prices are right. All sizes, 2 to 40 H. P. Special inducements to introduce in new localities.

Write for free



POULTRY



Cold weather helps to keep down mites, but look out for body lice. These pests stick closer in cold weather than in summer. Each fowl must be dusted with insect powder to get rid of them.

Good, sensible care does not mean coddling the fowls and fussing over them like house plants. A little roughing it won't hurt them if not carried to extremes. Use common sense in this particular, as well as others.

No one who has not tried it, can imagine how much better a well-fattened fowl is than one that is just picked up in the yard in the ordinary condition. Shut those that are to be killed and eaten in a pen or coop and feed a mash food of cornmeal and tallow for 10 days and the result will be a deliciously tender and juicy flesh, with a flavor that comes of cleanliness.

The flocks of hens that keep busy scratching do not contract the vices peculiar to those fowls that have nothing to do, and they keep fresh and in good health, red comb, clean feet, and they do on the part of egg foods are plentiful.

Business is one of the money producers if too many people are depending on a large scale business. A big revenue can be met with re-ward is to begin in a small way. The business pay for itself, if possible, in a number of birds as common. The experience that working up the business many hundreds of

with being unfair in their tests. This was proved, in many cases, to be true. The same cream tested by different buyers would show several points difference in the amount of butter-fat.

"No doubt," says Mr. Kleinhans, "legislation will be asked for putting all persons who claim to be egg candlers under the requirements of a law calling for certification before becoming egg graders. The State Retailers' Association yesterday passed the following resolution, which shows the interest the dealers are taking:

"Be It Resolved, By the State Association of Retailers, in session at Emporia, August 29, 30, 31, That Mr. John Marshall, attorney for the board, presents and asks of the Public Utility Board to investigate and bring such witnesses, both retail and wholesale eggmen, to find out the real conditions and losses now sustained by our dealers in the handling of eggs, which losses amount to thousands of dollars, and the deterioration in the transportation of such products.

"It is asked by this convention that the railroads of the state of Kansas be required to furnish refrigerator cars in handling the transportation of perishable products.

"Be It Resolved, By this Association in annual session, That its secretary be instructed to furnish copies to said Public Utilities Board, for the state of Kansas of said resolutions asking for relief in transportation of eggs and other perishable products."

After the passage of the resolution, John Marshall, attorney for the State Board of Public Utilities, assured the convention that the proper papers would be filed with the board the latter part of this week. Inspector Kleinhans, in discussing the egg situation, says that since the passage of the food laws, a change has been brought about in conditions, which require that perishable products, such as eggs, cream and butter, be handled in a more careful and sanitary way. "The day has passed when the friends of incubators can instruct their patrons to withdraw all eggs that show they are not fertile after seven days in the incubator, and after twelve days to withdraw all eggs that do not show animal life, and that eggs from hens' nests that are found, months old, under the barn or in the hedgerow, and that such eggs can be counted for good eggs and sold for food products. The law prohibits the sale of eggs that are tainted or spoiled, and it has been my experience this year that the farmers and egg producers have made an honest effort to live up to the requirements of the law.

"Certified candlers and refrigeration in transportation will enable the dealers to pay better prices to the farmer, for the reason that the cold storage houses will get a better product and will pay the dealer a better price, which will allow him to pay the dealer more.

"The farmer wants a square deal on candling, the dealer wants a square deal in the same line, and the only solution I can see," says Mr. Kleinhans, "is a law providing for the certification of candlers."—Emporia Gazette.

Only too often people are exhorted to get back to the land, regardless of the fact that they wouldn't know what to do with it or themselves after they got there. Until recently, about the only teachers they would have found if they went were elderly farmers whose land was in a condition that guaranteed the utter wrongness of any lessons they might give. They were more like miners than farmers, for every crop they raised brought nearer the day when no crops at all could grow on that land; and still more they were like manufacturers who little by little sold their factories instead of using them to turn raw materials into merchandise.

But today the experience of practical, progressive farmers, and the helpful influence of the agricultural papers and schools make easier and more certain of profit the traveling of the road that leads back to the farm.

Riches have wings, but poverty has spurs.

A Ticket to California for \$25

That's what a one-way second-class ticket from nearly all Santa Fe stations in Kansas and Oklahoma to California may be bought for September 15 to October 15 inclusive. The same or corresponding fare from points on other lines in connection with the Santa Fe.

If you buy one of these tickets you will save considerable money—in many cases as much as \$15. Isn't that worth something to you? If you contemplate visiting the Pacific Coast, Arizona, Mexico, or a number of other places in the Southwest this fall, why not plan to go while these cheap tickets are on sale?

You may travel in tourist sleepers or free chair cars,—both carried on each of the Santa Fe's three fast trains that leave Kansas City daily. These

Tourist Sleepers

are of latest design and have electric lights, good beds, large dressing rooms and men's smoking rooms. Very liberal stop-over privileges give chances to visit Grand Canyon, Yosemite Valley and other points of interest.



If you are interested, I will send you a copy of "Tourist Sleeper Excursions" and other literature.

J. M. CONNELL, Gen'l. Pass. Agt.
Topeka, Kansas

Each Paint should interest every farmer. This is paint season. Send order now to Sunflower Paint & Varnish Co. FT. SCOTT, KAN.



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You Must Buy Phosphorous, and the only economical form is that of Raw Ground Phosphate Rock.

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Crush ear corn (with or without shucks) and grind all kinds of small grain, and head kaffir. Have Conical Shape Grinders. Different from all others.

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HANDY TO OPERATE

10 sizes: 2 to 25 h. p. Capacity 6 to 200 Bushels.
We Also Make Sweep Grinders
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FEED MILLS

S. C. Buff Orpingtons

I won first on pen at Topeka 1911 show against 12 competing pens; also won at the other leading shows of the country. I have the large, heavy-boned kind. Send for my 1911 mating list; am ready to sell you eggs for hatching.
EVERETT HAYES, R. 4, Hiawatha, Kansas.

Seed Wheat

SEED WHEAT.
Zimmerman, Fultz, Blue Stem varieties. Selected and graded seed. Write for prices.
The Deming Ranch, Oswego, Kans

to Protect Helpful Hen.

John Kleinhans, State Food Inspector, who is in town attending the meeting of the State Retailers' Association, is mightily interested in the egg problem, which has been engaging his attention pretty much all summer. Mr. Kleinhans tells of a dealer in Conway Springs, 20 miles from Wichita, who shipped twelve cases of candled eggs to the Swift Packing Company, at Wichita. The eggs cost him \$3 per case, and he received from the Swift people just 7 cents per case, as the larger part of the eggs were spoiled. At Edna, Kan., a dealer divided a shipment of sixteen cases which cost him \$3 per case, and sent eight cases to Chetopa and eight cases to Coffeyville. For the Chetopa shipment the dealer received \$1.60 per case; for the Coffeyville shipment, 60 cents. Mr. Kleinhans says he could tell of scores of such cases, but these are sufficient to illustrate his contention that until refrigerated cars are used for shipping eggs, and only people who are certified candlers under a state law, for the passage of which Mr. Kleinhans is working, farmers and egg producers, dealers and cold storage people, may expect to suffer.

Present conditions have worked a hardship all around. Farmers have claimed they have not had fair returns, and also claiming the dealers are neither qualified nor equipped to candle eggs properly. Mr. Kleinhans says the eggs brought to market by farmers this year have been a great improvement over those of former years, and that during a summer which has made the keeping of eggs in good condition unusually difficult. "But," says the State Food Inspector, "here is the real trouble: Cases of eggs are taken to the station, set in the shade in a probable temperature of 90 degrees, where they may remain for several hours. Then they are hustled into a hot and stuffy freight car, where the temperature runs to 115 or higher, and they remain in this temperature for several hours, perhaps longer. Eggs will incubate at 100 degrees in two to three hours. And there you have the trouble."

Before the cream laws were passed in Kansas four years ago, which requires all buyers and handlers of cream to pass an examination and receive certification from the state as to his qualifications, the farmers charged the cream buyers

PRODUCTION WITH PERMANENCY
Is The Agricultural Problem of Today

Permanent fertility means maintaining the three necessary elements of plant food.
Your subsoil contains inexhaustible potash, Alfalfa supplies the nitrogen.

YOU NEED PHOSPHOROUS

The only permanent and economical source of phosphorous is finely ground phosphate rock.
Write us. We lead in quality and price.

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We can furnish or make any parts for guns, rifles, revolvers, bicycles and motorcycles. Send us your work or write for prices. Expert repairing our specialty.
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If you know the inside secrets of the business. Fur News Magazine, published monthly, \$1 a year, tells all about trapping, hunting, raw furs, hunting dogs, guns, traps, camps and all pursuits for profit in the woods and fields. Good stories, too. Special Offer. Send 25c. for a month's trial and get free valuable 64-page Trappers Guide. Fur News Pub. Co., 48 W. 24th St., New York, Room 645

HOME CIRCLE



A reservoir which will exceed in capacity the Roosevelt dam in Arizona, is to be built at Big Meadow, Cal. Sufficient water will be stored for the irrigation of 300,000 acres.

Butter is excellent for burns and this is also true for a burned tongue. Place a piece of butter on the tongue and allow it to gradually melt upon the burned place and it will give immediate and permanent relief.

Good Reason.

School Teacher—"Who can make a sentence of the word 'infirm'?" Johnnie—"My grandfather's teeth come out 'cause they're not in firm."

The biggest children's farm school in the world has been started in Thomas Jefferson Park at New York City. The farm covers two acres of land and is divided into 1,008 little plots of 4 by 8 feet. It was planted by 1,008 little children of the neighborhood. Each child has a deed to his or her farm. The individual farms have been sown to corn, beans, onions, radishes, carrots, beets and lettuce. The work is being carried on under the direction of the park department.

The Children's Lunch Box.

Now that school time has arrived, the busy mother again faces the problem of what to put in the children's lunch box. And too much thought cannot be given, as the health of her children depends largely on what that lunch box contains every day of the winter months.

There is nothing which becomes so monotonous to the child as eating the same thing day after day, cold and untempting slices of bread spread with the same kind of meat or jelly. If possible a hot bowl of soup or a cup of hot chocolate are desirable. In many of the city schools they are running lunch rooms for this purpose, but even in the country school this might be possible. Each child could have a granite cup or dish in which things that have been prepared at home could be reheated. But if this is not practical the mother, by a little intelligent thought and care, can vary the contents of the box so that it will be appetizing, and also that it may be nourishing to the child.

There are so many ways of making sandwiches that variety should not be lacking here. The sliced meat is good, but there are other ways even more tasteful. The end pieces of a boiled ham run through the chopper, and with a dash of mustard, is more palatable than the slice of bacon unchopped. But meats, hard boiled eggs and cheese taste better and are easier to spread if they have been run through the chopper. Dried beef, sardines, a little canned salmon or potted tongue are good. Peanut butter also makes excellent sandwiches. Cream or Neuchatel cheese spread between slices of brown bread is good. Beef or veal loaf sliced is a substantial addition to the lunch.

It is well to have a supply of a simple oil mayonnaise or boiled dressing on hand to mix with the fillings, as they not only spread better but have a pleasant flavor, and the oil is especially good for growing children.

A small glass jar that will fit into a corner of the basket should be provided for carrying a little apple sauce or stewed prunes or any other kind of sauce that may be a special favorite.

Nut meats are nourishing, also dates. Dates or prunes stuffed with nuts and rolled in sugar are delightful.

Besides the cooked fruit, fresh fruit should be used, such as apples, oranges and tomatoes. Cake and cookies for dessert should not be forgotten. Also a pickle or sour relish for the meat sandwiches is appetizing, and should not be forgotten.

Another important feature is the way the basket is packed. Each thing should be wrapped separately in oiled paper. Oiled paper comes in all the package cracker boxes and things, or it can be purchased very cheaply. Also, paper napkins are only a few cents a hundred and are better than linen napkins, as they can be thrown away after being used, and a linen napkin becomes musty

if it is used a second time without laundering.

When the lunch box comes home, it should be emptied and cleaned thoroughly every day, thus avoiding a musty lunch box. It will scarcely be necessary to speak of the individual drinking cup, as our state law requires them.

I am sure that if mothers would only think how tired they themselves would get of the same kind of food every noon, they would take a little more pains with the filling of the lunch box. And wouldn't it be a good plan to keep the contents of the box a surprise as far as possible?

1541—Dutch Collar Set.

Consisting of two collars, one jabot and two bows for braiding or eyelet embroidery and lace insertion. These fascinating little accessories always add a touch of daintiness to the costume and



are quite simple to make. Stamped on linen, per set, 50 cents; perforated pattern, 25 cents; stamped on lawn, 40 cents; transfer pattern, 10 cents.

9016. A Pleasing Gown—Ladies' One or Two-Piece Costume, with Tucker Having Full Length or Shorter Sleeves.

Dotted foulard in blue and white, with blue satin for a finish, lends itself very nicely to this design. The yoke collar may be topped by a yoke of lace or embroidery. The skirt has the popular



front and back panel. The pattern is cut in 6 sizes: 32, 34, 36, 38, 40 and 42 inches bust measure. It requires 1 1/2 yards of 27-inch material for the tucker and 4 1/4 yards of 44-inch material for the costume for the 36-inch size. A pattern of this illustration mailed to any address on receipt of 10 cents in silver or stamps.



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WOOL Underwear is best for all seasons, especially Winter. State Depts. of Health recommend it.

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is pure all-wool woven with a loop-stitch that can't mat after washing—won't close up the air spaces needed for ventilation. Also it is fleecelined—won't irritate the skin—is soft and smooth. Perfect-fitting and long-wearing. Wright's Health Underwear is made in all weights and styles for all seasons. Prices, \$1.00 to \$2.50 for shirts and drawers, \$1.50 to \$4.00 for Union Suits. If your dealer hasn't it, send us his name. Send for booklet showing fabrics.

Wright's Health Underwear Co. 91 Franklin Street, New York

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There are two kinds of spices, STONE'S and others.

10c at your grocer's—any kind. Or send us 10c for full-size package. Ask for "Stone's Spicy Talks," free. TONE BROS., Des Moines, Ia. Blenders of the famous Old Golden Coffee.

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CHILDREN'S SIZES, 5 to 9, 10c

The best quality 15c hose, fine gauge, 1x1 ribbed hose for children, good fitting, full regular made, high spliced heel, double sole and toe—serviceable enough for school, neat enough for dress. The greatest hosiery value yet offered. Order a supply by mail at once, before sizes are sold out. We pay postage or express.

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Cattle or Horse hide, Calif. Dog, Deer, or any kind of skin with hair or fur on. We make them soft, light, odorless, wind, moth and water proof, and make them into coats (for men or women), robes, rugs or gloves when so ordered. Your fur goods will cost you less than to buy them, and be worth more. It will certainly pay you to look into it. Our illustrated catalog gives a lot of information. Tells how to take off and care for hides; how we pay the freight both ways; about our marvelous brush dyeing process which is a tremendous advantage to the customer, especially on horse hides and calf skins; about the goods we sell, taxidermy, etc., but we never send out this valuable book except upon request. If you want a copy send in your correct address. The Crosby Frelan Fur Company, 571 Lyell Ave., Rochester, N. Y.

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Rayo Driving Lamps will not blow or jar out.

They are smaller than other driving lamps, but have a magnifying power that throws a bright light many feet ahead, while the extra large ruby disc in the rear is readily discernible in any weather.

Rayo Driving Lamps are furnished with double side bracket attachments, to fit square or round posts. They can be used on all kinds of vehicles.

In addition to Driving Lamps, the Rayo line includes lanterns of all styles, sizes and finishes—each the best of its particular kind. All are equipped with selected Rayo globes, with wicks inserted in burners ready to light.



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JAS. CULLIAN, County Clerk, Rice County. Taken up—One mule, age 8 or 9 years, mare, brown, one front leg crooked at knee. Was taken up on July 13, 1911, by C. H. Taylor, Marshall, Kan.

W. E. HART, COUNTY CLERK, KINGMAN county, Kan. Taken up, by F. E. Walter, Spivey, Kan., on the first day of August, 1911, one red steer, mottled face, branded D on right hip, weight about 800 pounds. Value \$30.00.

H. M. PAYNE, County Clerk, Reno County—Taken Up—One horse, mare, color buckskin, black mane and tail, three black legs, right hind foot white, blind in left eye, white stripe in forehead, about 12 years old, wire cut on heel of right fore foot, parrot mouth, harness and saddle marks. Was taken up on the 14th day of September by S. K. Bailey, Hutchinson, Kan.

Readers Market Place

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GOVERNMENT FARMERS WANTED—Examination October 18. High salaries; free living quarters. If you understand farming write today. Ozment, 44, St. Louis.

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FOR SALE OR EXCHANGE—FARMS, automobiles and stocks mdse. anywhere. Write or call. C. L. Saylor, Topeka, Kas.

FARMS FOR SALE OR EXCHANGE anywhere in Kansas, Okla., Mo., Texas and Colo.; write me or call. C. L. Saylor, Topeka, Kan.

SPECIAL BARGAIN—MY 240-ACRE river bottom farm. Will sacrifice for quick sale. Write today for description. Address, Owner, K., Lock Box 25, Lenora, Kan.

FOR SALE—FOUR ACRES AJOINING town. Street car service at door. Fine schools. Good barn and shed. Plentiful water. Price \$6,500. Mrs. B. E. Pease, Emporia, Kan.

MUST SELL IMPROVED IRRIGATED 80-acre farm; near Greeley, Col. Address, Box 242, Alvin, Texas.

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FARMS WANTED—WE HAVE DIRECT buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 43 Palace Bldg., Minneapolis, Minn.

40 ACRES, NO BUILDINGS, 3 MILES from this town. Will make a good home. Also good 5 passenger Model F Buick auto. Want a good residence property clear of debt. Price for all, \$2,800. Mtg. on land, \$600, 5 per cent. Box 606, El Dorado, Kan.

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TRADE IT—YOU HAVE TRIED TO sell it, but it won't go. What have you got? Farms, ranches, city property or merchandise? Price and describe your propositions, stating what you want, and send them to R. B. Wadsworth, Garden City, Kan.

160 ACRES OF WHEAT LAND IN HAM-ilton Co., Kan., 12 miles south of Kendall; 80 acres broke, balance pasture, smooth as a floor, all fenced and cross fenced; good well, no other improvements. Price \$1,000, and a bargain. McNamee Real Estate and Inv. Co., 225 New England Bldg., Topeka, Kan.

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CATTLE

360 TWO-YEAR-OLD NATIVE STEERS, weighing 850 to 1,000 lbs. for sale. Address P. L. Jackson & Co., Bazine, Kan.

HOLSTEINS FOR SALE—HIGH-GRADE fresh heifers and cows, springers and young bulls. Ira Romig, Sta. B. Topeka.

60 JERSEY COWS COMING FRESH for winter milkers; must sell 30 head. Come quick and get first choice. O. M. Himmelberger, 306 Polk St., Topeka, Kan.

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FOR SALE—FINE REGISTERED JER-sey cow; heavy milk and high test; will sell cheap for immediate sale; write for full information and price. Address A. R. T., Kansas Farmer, Topeka, Kan.

JERSEY CATTLE, COLLIES, POLAND Chinas and White Wyandottes; one Scotch Collie pup, female, 6 months old, partly trained, nicely marked, natural heeler, \$18. U. A. Gore, Seward, Kan.

REGISTERED HOLSTEIN BULL CALF, born April 26. Sire, Deutschland Cornucopia Sir Detry. Dam, Bernice Ormsby Mercedes DeKol. Color about even. Price \$55 created f. o. b. W. A. Schreier & Son, Argonia, Kan.

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FOR SALE—BERKSHIRE BOAR, cheap. L. M. Shives, Iuka, Kan.

HOGS—SCIENTIFIC MEAT CURING—Secret formulas used by the largest packers, farmer's cures, other valuable data. A. Hunter, Sta. G., Washington, D. C.

FOR SALE, POLAND CHINA HERD boar Sampson 60569; 7 tried sows; 12 fall gilts and 4 fall boars; females sold open or bred. W. A. S. Bird, Topeka, Kan., or Wm. Adams, Walnut Glen Farm, Belvue, Kan.

DOGS

FOR SALE—COLLIES AND GREY-hounds. J. Koelsch, St. John, Kan.

COLLIES; 100; PUPPIES, BROOD bitches and broke male dogs. W. R. Watson, Oakland, Iowa.

FOX, WOLF, COON, RABBIT HOUNDS; squirrel dogs trained and reliable; guaranteed. E. Hopkins, Mammoth Springs, Ark.

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

SCOTCH COLLIES—PUPPIES AND young dogs from the best blood in Scotland and America, now for sale; 8 weeks to 10 months old; color, sable and white. They have the grit and they are beauties. All stock is eligible to register. J. E. Batchelder, Hunter, Okla.

OILS

WRITE US TODAY FOR OUR PRICE list of our complete line of oils; best oils on the market for the price and quality. The Rollin Oil Refinery, Chanute, Kan. (Oldest independent refinery in Kansas.)

HAY

E. R. BOYNTON HAY CO. KANSAS City, Mo. Hay receivers and shippers. Try us.

WANTED—A NUMBER OF CARS OF No. 1 alfalfa, No. 1 timothy and No. 1 upland prairie hay. Write us what you have to sell, and best price per ton, delivered on cars at your station. Stuart & O'Brien, Paris, Ky.

POULTRY

FINE S. C. WHITE ORPINGTONS \$1.00 up. Elm Ridge Poultry Farm, Severy, Kan.

BEST SCRATCH FEED FOR LAYING hens. Write. D. O. Coe, Topeka.

BARRED ROCK BABIES AND BREED-ers. Eggs, 15, \$1.00; 60, \$3.25; 100, \$5.00; Mrs. D. M. Gillespie, Clay Center, Kan.

SILVER WYANDOTTES—WON 44 prizes at Kansas State Fair, 1911. Stock for sale at all times. L. P. Hubbard, Topeka.

SINGLE COMB WHITE LEGHORNS; hens and cockerels, 50c each. Miss Skelley, Delta, Kan.

SINGLE COMB BROWN AND WHITE Leghorn cockerels. Prices right for quick sales. John Noble, Riley, Kan.

RHODE ISLAND RED COCKERELS, \$1 each; three for \$2.50. Mrs. Henry Tucker, Osborne, Kans.

FINE WYANDOTE COCKERELS FINE BUFF WYANDOTE COCKERELS and pullets. Catherine Fraser, Haven, Kans.

BUY NOW. SAVE MONEY! "QUALITY" Rose Comb Reds. Hens and cockerels, 75c; cocks, \$1 to \$3. Brown Leghorn babies, 10c. Clyde Bros., Emporia, Kan.

BUFF COCHINS—A FEW GOOD HENS for sale from my prize-winning Buffs. Eggs in season. J. C. Baughman, 2215 Lincoln St., Topeka, Kan.

LOWEST PRICES ON CHICKENS AND ducks; write us your wants; we have a stamp. J. M. Rahn & Son, Clarinda, Ia., Route 15.

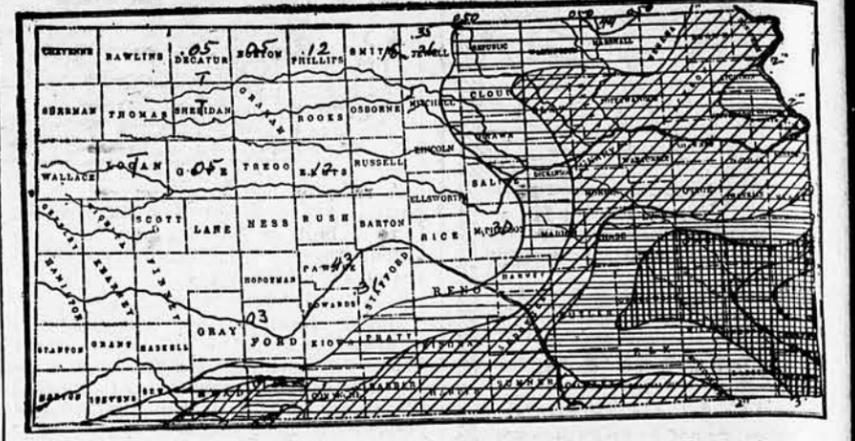
BUFF WYANDOTTES—BARGAIN PRICES for balance of season. Eggs \$1.50 per 15; day-old chicks 15c each. High scoring birds only in breeding pens. A rare chance to get a start from high class stock. G. C. Wheeler, Manhattan, Kan.

LIGHT BRAHMAS—YOUNG AND OLD stock for sale from prize-winning birds. Prices reasonable. Also, Spitz puppies for sale. Mrs. A. P. Woolverton, R. R. 2, Topeka, Kan.

BLAKER'S BARRED ROCKS ARE SU-preme in type and color, winning at the largest shows. Get my catalog and see for yourself the grand quality I am offering in eggs from blue blood stock. Choice incubator eggs \$2 per 30, \$6 per 100. A. E. Blaker, R. 22, Parsons, Kan.

KANSAS CROP REPORT

Rain chart prepared by T. B. Jennings from reports collected by the Weather Bureau.



UNITED STATES WEATHER OBSERVER'S REPORTS BY COUNTIES.

Allen—Heavy rain on 15th and light rains on 16th, 18th and 20th have been very beneficial for growing crops and pastures.

Anderson—Nice rains. Ground in fine shape for seeding or plowing.

Barber—Ground in fine condition. A large per cent of wheat that has come up is being destroyed by a small green worm.

Bourbon—Flood and electric storm on 16th done a great deal of damage. Corn husking in progress. Yield good.

Brown—Rains have been a benefit to pastures, but retarded sowing of wheat somewhat.

Butler—Crops of all kinds looking well. Have had a good deal of rain the last few days, which is a detriment to Kafir corn, as it may cause it to mature late and possibly get caught by early frost.

Chase—Have had good rains all during week.

Clark—Big rain September 16. Also light showers latter part of week.

Cloud—Plenty of rain.

Coffey—Rains for the week have made good stock water, and wells are now giving good supply. Full feed is assured up to frosts. The last cutting of alfalfa will be good.

Decatur—Wheat is coming along nicely. Only a small percentage sown. Nicely nearly all cut up. Third and fourth cutting of alfalfa is good.

Doniphan—Weather favorable for pasture and fall seeding.

Douglas—Pastures getting better. Wheat sowing going on. Corn damaged by dry weather.

Elk—Too wet for cutting alfalfa. Kafir corn will soon be ripe enough to cut.

Ford—Rain much needed.

Gove—Very dry. Farmers hardly know what to do—sow in dust or not. No moisture in subsoil.

Greenwood—First sowing of wheat in fine. Rain has delayed late sowing.

Jewell—Another rain this week. Cutting fodder and cane is the order of the day.

Leavenworth—Crop conditions unchanged from last report.

Logan—Very warm and dry. Stock on the range looking well.

Marshall—Generally enough moisture for immediate needs. Some wheat being sown, cutting some corn, cutting some hay.

Nemaha—Pasture is fine. Corn cutting in full swing.

Norton—A little wheat being sown. Roughness being taken care of as fast as possible.

Pawnee—Some rain. More needed. Farmers have been sowing some wheat, but majority have delayed, hoping for rain.

Phillips—Ground in fine condition. Farmers sowing wheat.

Scott—Dry and hot.

Sedgwick—Rainfall this week, 1.14. Kafir corn and feed corn are being cut. Both good crops.

Seward—Pretty good rains in southern part of county.

Smith—Fair week for crops. Cool, with two little showers.

Summer—Wheat sowing in progress. Ground in good condition. Kafir corn about ripe. Good crop.

Thomas—Dry and windy week. Some early wheat up.

Washington—The rain of the 20th was very beneficial to the wheat and alfalfa. Both coming up nicely.

Wyandotte—Soil well supplied with moisture.

MISCELLANEOUS

LADIES, MAKE LEATHER BAGS—\$20 per hundred. Materials furnished. Stamped envelope for particulars. Box 100, Hutchinson, Kans.

FOR TRADE—A GOOD THRESHING outfit for western Kansas land. Write W. J. Trousdale, Newton, Kan.

BLATCHFORD'S CALF MEAL, WRITE for descriptive circular. D. O. Coe, Topeka.

WANTED—500 FAMILIES TO BUY \$50 candy course \$2.00; learn how to make fine candy. Everything explained. Satisfaction guaranteed or money back. J. W. Embree, Manhattan, Kan.

FOR SALE—A USED DOUBLE SEATED surrey; hand made to order; extra heavy wheels; full leather top; finest of materials and workmanship all through; not been used enough to hurt; cost \$800; will sell at big sacrifice for quick sale; particulars sent by return mail if you write, \$10, care of KANSAS FARMER, Topeka, Kan.

SEEDS AND PLANTS

SOW ALFALFA THIS FALL. BUY your seed from The Deming Ranch where it grew. The Deming Ranch, Oswego, Kan.

\$1.00, IF SENT AT ONCE, WILL BUY 25 Norway poplars, the fastest growing tree on earth. Parker Nurseries, Fayetteville, Ark.

KHARKOF SEED WHEAT FOR SALE. Seed originally obtained from Hays Experiment Station. \$1.25, sack included. W. W. Cook, Russell, Kan.

WANTED—CHOICE AND FANCY NEW crop alfalfa seed. Quote lowest price f.o.b. your track, with samples. Bindery Stevens Seed Co., Tulsa, Okla.

HEDGE POSTS

FOR SALE—25,000 hedge posts. H. W. Porth, Winfield, Kan.

VIOLINS

STRADIVARIUS VIOLIN FOR SALE—Excellent sweet tone. Miss Bertha G. Mardis, Route 5, Rosedale, Kan.

MULBERRY POSTS

RANGE FROM 4 INCHES TO 10 inches. Inquire for price. D. Chiles, Oakland, Kan.

RICE

100 LBS. RICE, FREIGHT PREPAID to your station for \$3.50, \$4.00 and \$5.00. Samples of different grades on request. Beaumont Rice Exchange, Box 765 J, Beaumont, Texas.

O. I. C. SWINE

Of both sexes from animals that combine size, quality and quick maturity; we carry the finest blood lines in America; prices reasonable; express prepaid. J. F. HAYNES, Grantville, Kan.

COL. N. S. HOYT, Mankato, Kansas, Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

FIELD NOTES

Mrs. Louis Johnson, owner of the Belleville branch of the American College of Dressmaking, announces that her school will open the first Monday in October. The system taught by this school has been adopted by the Kansas Agricultural College. The terms are reasonable, and the instruction is of great value to every girl who expects to have a home of her own or to take up the work of teaching. For catalog or other information, write Mrs. Louis Johnson, Belleville, Kan.

Ungles Hoggette

Advertising for the old reliable Ungles Hoggette remedy appears in this issue of Kansas Farmer. This remedy has been used by the best breeders in America and the best of it is all those that have used it recommend it highly. Ungles Hoggette is scientific, antiseptic germ and parasite destroyer. Hoggette cleans out the germs and keeps the hogs in good condition. As worm destroyer it has no equal. Worm and disease germs cannot live in a hog fed on Hoggette. Hogs fed on Hoggette are always thrifty and free from disease. Write Ungles Hoggette Mfg. Co., Lincoln, Neb., for information about this well known remedy.

Novinger & Sons' Percherons

Isaac A. Novinger & Sons, Kirksville, Mo., well-known Missouri breeders of registered Percheron horses, are announcing a sale of Percheron stallions and mares to be held at Kirksville, Mo., Tuesday, November 28. A representative of the Kansas Farmer recently visited Novinger & Sons' Elm Grove Farm, and inspected the stock that will be offered in the November 28 sale. The offering will be high class lot and it is a safe prediction that a finer string of Percherons will not be offered this season. The offering will consist of from 35 to 40 head, and will include Novinger & Sons' show string. Among them will be imported Collier and her fine mare colt; Milhand and his splendid stud colt; Ruth, an 1,800-pound 2-year-old mare; Lady Ruberta, a 2-year-old, and Lady Combler and Robert's 1-yearlings, and others of the show string. S. J. Miller, Missouri's veteran importer, will have a number of horses in this sale and only outstanding good ones will be offered. Breeders attending the Missouri State Fair at Sedalia will have a chance to see the show string that will be sold at this sale.

Hutchinson's Greatest Fair

Continued From Six

Grandview, Mo.; Hugh Whiteford, Grandview, Mo.; S. J. Gabbert, Dearborn, Mo.; C. G. Clements, Ord, Neb.

Judge—Robert Mousel, Cambridge, Neb.

Aged bulls—First, Makin Bros. on Paragon 12th; second, Klaus Bros. on Beau Onward; third, Gabbert on Beau Folly.

Two-year-old bulls—First, Hazlett on Beau Sturgess 2d; second, Clements on Beau Freighter 8th; third, Klaus Bros. on Fulfiller 25th; fourth, Gabbert on Donald.

Senior yearling bulls—First, Whiteford on Parsifal 21st; second, Klaus Bros. on Fulfiller 31st.

Junior yearling bulls—First, Clements on Sensation; second, Klaus Bros. on Beau Onward 2d; third, Makin Bros. on Paragon 31st; fourth, Makin Bros. on Temporal 3; fifth, Gabbert on Beau Stamp; sixth, Whiteford on Parsifal 23d.

Senior bull calves—First, Makin Bros. on Paragon 32d; second, Clements on Prince Imperial; third, Whiteford on King; fourth, Klaus Bros. on Fulfiller 39th.

Junior bull calves—First, Hazlett on Bealido; second, Clements on Golden Triumph; third, Makin Bros. on Patrician; fourth, Gabbert on Columbus Folly; fifth, Klaus Bros. on Beau Onward 5th.

Aged herd—First, Makin Bros.; second, Clements; third, Hazlett; fourth, Gabbert.

Young herd—First, Makin Bros.; second, Clements; third, Hazlett; fourth, Klaus Bros.

Calf herd—First, Makin Bros.; second, Hazlett; third, Clements.

Get of sire—First, Makin Bros. on get of Beau Paragon; second, Clements on Fast Freight; third, Hazlett on Beau Beauty.

Produce of cow—First, Hazlett on Bloss; second, Clements on Lady Bay C. 9d; third, Makin on Nettle.

Aberdeen-Angus.

Exhibitors—Sutton Farm, Lawrence, Kan.; A. C. Binnie & Son, Alta; W. J. Miller, Newton, and J. V. Arney, Leon, all of Iowa. The awards:

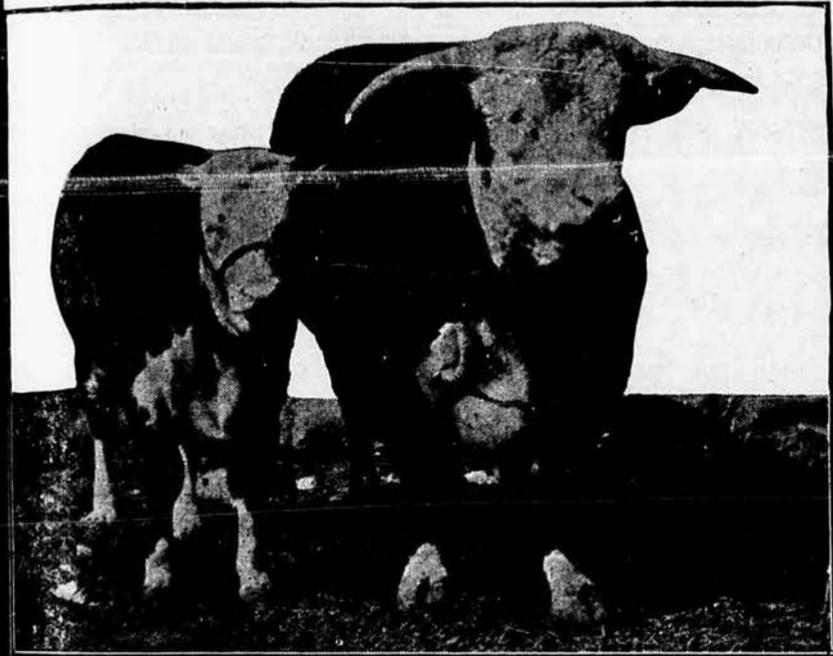
Judge—Robert Mousel, Cambridge, Neb.

Aged bulls—First, Miller on Ernest.

Two-year-old bulls—First, Binnie on Kloman; second, Sutton on Poncho.

Senior yearling bulls—First, Binnie on Black Pridewell; second, Miller on Minden of View Point; third, Arney on Ebony of A.

Junior yearling bulls—First and second, Binnie on Peter Pan of Alta and Guestman 4th; third, Sutton on Wakarusa Fireman.



GRAND CHAMPION HEREFORD BULL AND HEIFER, OWNED BY MAKIN BROS., GRANDVIEW, MO.

Aged cows—First, Gabbert on Miss Miller; second, Klaus Bros. on Miss Filler; third, Makin Bros. on Forget-Me-Not; fourth, Clements on Queenly.

Two-year-old heifers—First and fourth, Gabbert on Banza and Bloss 2d; second and fifth, Clements on Vanity Fair and Golden Blinnet; third, Makin Bros. on Goodness; sixth, Klaus Bros. on Miss Fulfiller; seventh, Whiteford on Gladly Ben.

Senior yearling heifer—First, Makin Bros. on Clementis 3d; second, Klaus Bros. on Miss Wilton 15th; third, Hazlett on Belle; fourth, Clements on Silence; fifth, Whiteford on Fairy; sixth, Gabbert on Lady Lou.

Junior yearling heifers—First, Klaus Bros. on Miss Wilton 21st; second, Makin Bros. on Gladness 2d; third and fifth, Hazlett on Quintella and Bloss 4th; fourth, Clements on Constance; sixth, Whiteford on Lady Lou.

Senior heifer calf—First, Hazlett on Belle; second and fourth, Gabbert on Queen Folly and Favorite 5th; third and fifth, Clements on Sonnet and Virtue; sixth, Whiteford on Shadeland Rose.

Junior heifer calf—First, Makin Bros. on Cleoline 2d; second and fifth, Gabbert on Filly's Frolic and Princess Folly; third, Hazlett on Idyletta; fourth, Clements on Marjorie; sixth, Klaus Bros. on Miss Wilton 25th.

Senior and grand champion bull—Paragon 12th.

Junior champion bull—Sensation.

Senior and grand champion female—Banza.

Junior champion female—Celandine 2d.

Senior bull calves—First, Miller on Rosegay 6th; second, Sutton on Wakarusa Heatherson; third, Arney on Ebony of A. 2d.

Junior bull calves—First and second, Binnie on Princeton 2d and Kriss Kringle; third, fourth and fifth, Sutton on Wakarusa George, Merton Walters and Kansas Blackbird.

Aged cows—First and second, Miller on Snowflake Queen 2d and Ethelda D.; third, Sutton on Rutger Heatherson; fourth, Binnie on Princess of the Woods; fifth, Arney on Blackbird McHenry 53d.

Two-year-old heifers—First, fourth and sixth, Miller on Barbara Woodson, Snowflake Queen 3d and Key of Des Moines; second, Binnie on Eileen of Alta; third, Sutton on Barbara McHenry 27th; fifth, Arney on Entangle of A.

Senior yearling heifers—First and second, Binnie on Abbess of Alta and Proud Formura 2d; third, Sutton on Wakarusa Lucy 12th; fourth, Miller on Key of Des Moines 2d; fifth, Arney on Queen of Leon 2d.

Junior yearling heifers—First, Miller on Metz Beauty 8th; second, Binnie on Eileen of Alta 2d; third, Arney on Blackbird Missie 3d; fourth, Sutton on Wakarusa Florette.

Senior heifer calf—First and fourth, Miller on Metz Pride and Metz Blackbird 7th; second, fifth and sixth, Binnie on Abbess of Alta 2d, Blackbird Lassie of Alta 16th and Blackbird of Alta 8th; third, Arney on Katrine of A.

Junior heifer calf—First, Arney; second, Miller on Blackbird 7th; third and fifth,



CHAMPION GROUP OF FIVE PERCHERON STALLIONS, OWNED BY C. W. LAMER, SALINA, KANSAS.

H. B. Miner's Auction

OF

DUROC JERSEYS

AT

GUIDE ROCK, NEBRASKA

Saturday, October 14, 1911

50 HEAD 50

Consisting of 30 boars and 20 gilts oactical tops of the spring crop. An unusual offering of big, well grown February and March farrow. The out boars and gilts with the best of feet, backs, and in fact, a great offering of the larger type of Durocs and very likely the strongest offering of Duroc Jersey boars that will be made in Southern Nebraska this fall.

The place to buy your herd boar and some choice gilts.

The offering is sired by H. B.'s Golden Bonney by Bonney K and out of a Pearl's Golden Rule dam. About half the offering by him. The balance by Model Prince by Prince Wonder 2nd, Bonney K, Model H, and one or two others. The dams are many of them the top sows bought in the Northern Kansas Duroc Jersey bred sow circuit last winter, among them Rose Banker and Cherry Girl. Catalogs ready now; ask for one today. Sale in town: Free hotel accomodations.

John Brennen, Auctioneer. Send your orders to Jesse Johnson of this paper, in care of H. B. Miner.

H. B. MINER, GUIDE ROCK, NEB.

Sutton on Wakarusa Daisy and Jean Duchess 8th; fourth, Minnie on Blackbird of Alta 9th.

Junior champion bull—Black Pridewell. Senior and grand champion bull—Kloman.

Junior and grand champion cow—Barbara Woodson.

Junior champion cow—Abbess of Alta. Aged herd—First, Binnie; second, Miller; third, Sutton Farm.

Young herd—First, Binnie; second, Miller; third, Sutton.

Calf herd—First, Miller; second, Binnie; third, Arney.

Get of sire—First and third, Binnie on get of Elmar Lad; second, Miller on Homedale Killburn.

Produce of cow—First, Miller on Snowflake of Kirkbridge 2d; second, Binnie; third, Binnie on Blackbird of Denison 34th.

Folled Durhams.

Exhibitors—D. C. Van Nice, Richland, Kan.; C. J. Woods, Chiles, Kan.; Achenbach Bros., Washington, Kan.

Judge—Ed Patterson, Bunceton, Mo.

Aged bulls—First, Van Nice on Loan Hero.

Two-year-old bulls—First, Van Nice on Acacia Prince; second, Achenbach Bros. on The Baron.

Yearling bulls—First, Wood on Roan Choice; second, Van Nice on Juptor; third, Achenbach Bros. on Grand Orange.

Bull calves—First, Woods on Hero's Knight; second, Van Nice on Roan Acacia; third, Achenbach Bros. on Meadow Sultan.

Aged cows—First, second and third, Van Nice on Golden Lady, Golden Acacia and Scottish Beauty.

Two-year-old cows—First, Van Nice on Goldie; second, Woods on Sunbeam; third, Van Nice on Thankful 3d.

Yearling heifers—First, Woods on Rose Leaf; second, Woods and Heyden Rose 2d; third, Van Nice on Roan Princess.

Heifer calves—First, Woods on Roan Princess; second, Achenbach Bros. on Thankful Martha; third, Van Nice on Shawnee Belle.

Aged herd—First and second, Van Nice; third, Achenbach Bros.

Young herd—First, Woods; second, Van Nice.

Get of sire—First, Woods on get of Roan Hero; second, Achenbach Bros. on get of Orange Cup; third, Van Nice on get of Belvedere.

Produce of cow—First, Van Nice on produce of Golden Lady; second, Woods on produce of Golden Gem 4th.

Galloways.

Straub Bros. of Avoca, Neb., sent their good herd here for the show and took every prize with the exception of third prize for aged cows, which went to an entry from the herd of Gabrielson Bros. at Hutchinson, Kan. T. G. Patterson of the Kansas State Agricultural College tied the ribbons.

Poland Chinas.

Exhibitors—F. M. Giltner, Winfield; C. W. Jones, Solomon; J. A. Fleming and J. F. Wear, Partridge; Lee Stanford, Lyons; C. B. Palmer, Peabody; The Mortons, Tampa; S. P. Chiles, Jefferson; A. P. Wright, Valley Center; G. W. Roberts, Larned; and Stryker Bros., Fredonia.

Judges—L. C. Reese, Prescott, Ia.; Turner R. H. Wright, Manhattan, Kan.

Aged boars—First and third, Stryker Bros. on S. P.'s Impudence and Westerner; second, Wright on Home Run 2d.

Senior yearling boar—First, Stanford on Smuggler.

Junior yearling boar—First, The Mortons on Major Union; second, Wear on Short Grass Lad; third, Fleming on King Duchess 2d.

Senior boar pig—First, Roberts on

Meadow Chief 2d; second, Jones on Carlos; third, Stryker Bros. on Choice.

Junior boar pig—First and second, Chiles on unnamed pigs; third, Giltner on On's Chief.

Aged sows—First and third, The Mortons on Belton's Pride and Vanity; second, Jones on Miss Molly.

Senior yearling sow—First, second and third, Stryker Bros. on Flemish Queen, Silk Mat and Martin's Choice 3d.

Junior yearling sows—First, second and third, Stryker Bros. on Politeness, Pilot Queen and Gilt Edge.

Senior sow pig—First and third, Stryker Bros. on Triumph and Sissy; second, Chiles on Sunflower.

Junior sow pigs—First and third, Giltner on Faith and Hope; second, Stanford on S. P.'s Lady's Daisy.

Senior champion boar—Smuggler; reserved, Major Union.

Junior champion boar—Meadow Chief 2d; reserved, Chiles on junior boar pig.

Grand champion boar—Smuggler; reserved, Meadow Chief 2d.

Grand champion sow—Belton's Pride; reserved, Flemish Queen.

Junior champion sow—Triumph; reserved, Faith.

Grand champion sow—Belton's Pride; reserved, Triumph.

Produce of sow—First, Stryker Bros. on produce of Coquette; second, Giltner on produce of On's White Stocking.

Get of sire—First, Stryker Bros. on get of Pilot; second, Chiles on Sentinel.

Aged herd—First, Mortons; second, Stryker Bros.

Young herd—First, Stryker Bros.; second, Chiles.

Duroc Jerseys.

Exhibitors—J. R. Blackshere, Elmdale; George M. Hammond, Manhattan; R. D. Martin, Eureka; W. H. Williamson, Raymond; W. R. Crow, Hutchinson, and G. C. Norman, Winfield, all of Kansas, and C. R. Doty of Illinois.

Judge—B. W. Harnell, Breman, Mo.

Aged boar—First, Norman on King Orion; second, Crow on Perfect Improver; third, Williamson on W. H.'s Col.

Senior yearling boar—First, Blackshere on J. R.'s Chief; second and third, Crow on Crow's Wonder and unnamed pig.

Junior yearling boar—First and second, Hammond on Tatarax Again and Hoggate's Notcher; third, Doty on Good Enough Chief D.

Senior boar pig—First, Martin on Beauty's Babe; second, Hammond on G. M.'s Tat's Col.; third, Doty on Achilles.

Junior boar pig—First, Crow on B. R. Crow; second, Hammond on unnamed pig; third, Blackshere on unnamed.

Aged sow—First, Martin on Crimson Lady; second, Hammond on Orion Lady; third, Blackshere on Lincoln Model.

Senior yearling sow—First, Doty on Eleanor D.; second, Williamson on unnamed; third, Blackshere on Model A.

Junior yearling sow—First, Doty on Surprise Beauty; second, Williamson on unnamed; third, Blackshere on Model E.

Senior sow pig—First, Blackshere on Wonder Lass; second and third, Hammond on Coless 2d and Tat's Dotie 1st.

Junior sow pig—First, Doty; second and third, Hammond.

Senior champion boar—King Orion; reserve, Tatarax Again.

Junior champion boar—Beauty's Babe; reserve, E. R. Crow.

Grand champion boar—Beauty's Babe; reserve, King Orion.

Senior champion sow—Crimson Lady; reserve, Eleanor D.

Junior champion sow—Wonder's Lass; reserve, Doty's junior pig.

Continued on page 23

Poland China Sale

"THE MICHAEL KIND"

Erie, Kan., Tues., Oct. 10

Expansion Boy The Biggest Smooth Boar in S. E. Kansas
 Heads Herd By Mammoth Ex. By Expansion See By Expansion; Dam Growthy Naomi 2nd.



25 choice spring boars—a lot of herd headers. They are large and growthy; the best bunch I ever raised. All large type breeding. spring gilts, large and smooth. The pick from my herd. They are the real Michael kind, and sold on an absolute guarantee.

Catalog is ready to mail out. Send your name early, and arrange to come to my sale. If you cannot come, send a bid to me or O. W. Devine, representing the KANSAS FARMER, in my care.

FRANK MICHAEL, Erie, Kansas



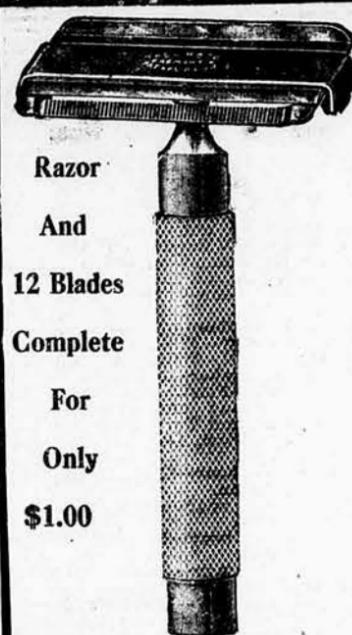
J. C. Robison
TOWANDA, KANS.

175 STALLIONS AND MARES
 AND COLTS ALL AGES FOR SALE
COME AND SEE ME

ROSS FARM

ALDEN, RICE COUNTY, KANSAS

Farm adjoining depot, main line of Santa Fe Ry. Registered Imported and American Bred Percheron Horses and Mares. Mammoth Jacks. Large Type Poland Chinas. Winners of Champion prizes on Percherons at Kansas City, American Royal and State Fairs, Hutchinson. High class stock at low prices a specialty. Stock sale always on hand. Everything guaranteed as represented. **Geo. B. Ross, Proprietor.**



Use A Kansas Farmer Safety Razor

Greatest Bargain Ever Offered

This Razor is not silver or gold plated. It is heavily nickel plated and will not rust. It will not clog up, as many safety razors do. It is made for every day use. No delicate parts to get out of order.

Guaranteed unconditionally to shave as good as any razor made, none excepted at any price.

Packed in a neat box. An embossed plush lined leather case does not improve the cutting edge of a razor.

This Razor complete to any subscriber of KANSAS FARMER for Only 65 Cents.

Sent free to any subscriber, new or old, sending one dollar for a year's subscription and 15 cents extra for shipping. Extra blades three for 10 cents or 35 cents a dozen. Can be purchased at any time.

Throw away your old razor and enjoy a clean, easy shave and no chance of cutting your face. Address

KANSAS FARMER, Topeka, Kansas

FIELD NOTES.

Marsh Creek Durocs.
 Mr. R. P. Wells, proprietor of the Marsh Creek Duroc Jersey herd, located at Formoso, Kan., starts a card in this issue. Mr. Wells offers 20 choice spring boars weighing about 150 pounds. His prices are reasonable, and he says they are the growthiest he ever raised. He also offers summer pigs old enough to wean, at a very low figure. Write him at once, and mention Kansas Farmer.

Herd Boar for Sale.
 L. E. Klein of Zeandale, Riley county, Kan., offers to sell his big Poland China herd boar, Tulon Prince. This boar for some time headed the J. H. Harter herd, and is a breeder of proved worth. He was sired by Victor X. L., winner of first at St. Louis World's Fair, and his dam was by Expansion. Mr. Klein has so much of his get that he can't use him to good advantage any longer, and will sell him cheap. Write at once, and mention Kansas Farmer.

Roofing Information.
 A committee of the Northwestern Lumbermen's Association, appointed to investigate the subject, has just issued an illuminated booklet on the subject of "patent" or ready-made roofing. The information given is highly instructive and worth the reading by everyone who has bought or is likely to buy prepared roofing. A copy of this booklet can be had free by writing to the General Roofing Company, East St. Louis, Ill., and mentioning this paper when writing.

The Michael Kind Sell October 10.
 On October 10, at Erie, Kan., Frank Michael will sell 50 head of large type Poland Chinas. The Michael kind of Poland Chinas is widely known, and breeders and farmers should not miss this sale. It is the best lot that Mr. Michael has ever offered to the public, and he has sold some mighty good hogs. Many of the offering will be sired by Expansion Boy, and a number of other good sires will be represented in this sale. Please look up advertisement in this issue and send for a catalog and arrange to attend this sale.

L. L. Frost's World's Fair O. I. C. herd of Mirabile, Mo., was represented at the Topeka fair this year for the first time, and attracted the attention of all white hog breeders attending. S. D. Frost was in charge of the herd here and was well pleased with the Topeka fair. Three firsts, two seconds and one third went to the Frost herd here, and in addition Mr. Frost received orders for eight head of hogs. Alvey Brothers of Meriden, Kan., purchased the first prize boar from this herd, and all orders taken were from Kansas breeders. Mr. Frost has a lot of very high-class spring pigs that are now ready to go, and anyone interested in O. I. C. hogs now has a chance to secure breeding stock from this famous herd. See their card in Kansas Farmer, and please mention this paper when writing.

Faulkner's Big Spotted Polands.
 Attention is called to the change in the card of H. L. Faulkner of Highview Breeding Farm, Jamesport, Mo. Highview Farm is the home of the largest herd of spotted Polands in existence today, and the popularity of the original big boned spotted kind with farmers and breeders can be gauged by the heavy sales of breeding stock at Highview Farm. Mr. Faulkner reports the sale of 120 head of spring pigs for this season and has 200 head of the big, rugged, high-class fellows that he says will be closed out in the next 90 days. His sales by private treaty during the past two months is a record that is seldom, if ever, equaled, and is conclusive evidence that he has the goods. Mr. Faulkner will exhibit his famous boar, Brandywine, with some of his get at St. Joseph, Sedalia and at the Royal. Don't fail to see them; they will interest you. If you want the big boned spotted Polands, the old original kind, write him for prices and description of stock. Please mention the Kansas Farmer when writing.

Selling From Factory to Farmer.
 Selling direct from factory to customer, cutting out jobbing and retail handling costs, is a problem coming to be solved by more manufacturers every year. It is rapidly growing into a system for the more economical distribution of goods. But the Century Manufacturing Company of East St. Louis, Ill., has gone a step farther. Realizing that to be successful, the "factory to consumer" distribution must also meet the demand for credit, this company has adopted a time-payment plan for the products of its several factories, by which the customer anywhere in the country may buy his buggies, harness, wagons, stoves, ranges, etc., as he needs, and pay as convenient. Particulars may be had by addressing the company as above. The Century people say the plan is a success and their country customers' promise to pay is above par.

Big Spring Poland Boars.
 S. B. Amcoats, regular advertiser in Kansas Farmer, offers for quick sale 20 big, strong, March and April boars sired by the line-bred Expansion boar, Bell Expand. Also, gilts of the same breeding. The dams of these boars and gilts are mature sows sired by leading big type sires. Among them, daughters of Hutch, Jr., Looks Grand-Pan Famo Boy, etc. The bunch has been culled very closely and none but the tops are offered for breeders. Mr. Amcoats also offers 12 very choice young Shorthorn bulls, five of them pure Scotch. Also, a limited number of cows and heifers, safe in calf. Mr. Amcoats is making the circuit of Northern Kansas fairs with his Shorthorn show herd and winning a nice lot of premiums, besides showing his cattle to big crowds of admiring farmers and breeders. If in need of anything in his line, write Mr. Amcoats, mentioning Kansas Farmer. Animals will always be found exactly as described.

Seed Grain Grading for Better Crops.
 If any reasonably minded farmer has any doubt that seed grain grading before sowing will increase crop yields by 10 to 25 per cent per year, that doubt will be dispelled by a study of the new book, just published, "The Chatham System of Breeding Big Crops," by the Manson-Campbell Company, Detroit, Mich., and Kansas City,

Mo. This is a large size book of 32 pages and bound in a cover so made as to stand frequent handling and study. Many books sold at a dollar do not get at the matter in such a clearly understandable way as this one, which can be had for the mere asking by any farmer. It would be difficult to calculate how or where any farmer could get as much every-day-usable benefit for 1 cent as to sit down and write a postal card to the address given above, and ask for one of the books, saying that notice of it was seen in Kansas Farmer.

Dairy Shows Choose Official Veterinarian.
 It is announced that the International Dairy Show, which meets at Milwaukee, October 10 to 18, 1911, has appointed Dr. David Roberts of Waukesha, Wis., as official veterinarian. Dr. Roberts has also been appointed official veterinarian for the National Dairy Show, which holds its annual session in Chicago, from October 23 to November 4.
 Dr. Roberts' reputation as a specialist on diseases of live stock was established years ago, when he was state veterinarian of Wisconsin. Since laying down that work he has become an extensive live stock breeder, and is now the head of the Dr. David Roberts Veterinary Co. He is also engaged in regular veterinary practice, his services being in demand in different sections of the country as consulting veterinarian and for the treatment of valuable animals.

New Book on Farm Pump Engines.
 It is a delight to the good sense of the average man to look through and study the new Farm Pump Engine book just published by the Fuller & Johnson Manufacturing Company, Madison, Wis. This book is made large size and printed in clear, large type. The illustrations are all large size and exceptionally well printed. It's like looking over a bunch of fine photographs and having an engine user explain the great good of having a farm pump engine, to go through this book of detailed explanation. Not only is the engine explained as to its construction, but the various uses of the engine on the farm are pictured out in such a way that the whole book really is a book of practical plans for installing and getting the best use out of a gasoline engine. Anyone interested in farm power may secure one of these books free by writing the company at the above address, and mentioning this paper when writing.

Automobiles and Dogs.
 The American Royal Live Stock Show, which opens its gates at Kansas City, October 9 looks like 100,000 attendance, and the great big event of the year. All the cattle associations report increased entries and sheep and swine men have begun to pile in the entry blanks. Manager A. J. Thompson announces that the Royal will also have an exhibition of automobiles and a dog section this year. Most of the local motor-car dealers are taking advantage of the opportunity to place their cars with the exhibit, as they are aware that no other place can be so well depended upon to bring the cars before the notice of the countryman and stock raiser. The dogs to be shown will consist of working breeds entirely; those appealing to the sheep and cattle men will be given the preference Scotch Collies, Airedale terriers and English setters will be some of the breeds featured. The dog section will be under the direction of W. C. Beattles, a Kansas City dog fancier. Judgments will be made in accordance with the rules of the National Dog Breeders' association.

J. N. George's Chester White Sale.
 Attention is called to the sale advertisement of J. N. George of Hopkins, Mo. on October 18. Mr. George will sell 40 head of high-class Chester White boars and gilts, and it is the opinion of the writer that a finer lot of early farrowed spring pigs have never been offered in the west at either private or public sale. They are big boned, lengthy fellows, and no breeder could ask for more quality than will be found in this offering. Mr. George has been a number of years building up the very fine herd he now owns and in buying breeding stock from time to time, bought only the best, and every individual bought had to have size, finish and a record for prolific qualities. The result of this course is a herd of Chester White sows that are among the very best in the country. His herd is headed by Iowa's Mikado by Winnie's O. K. 1706 dam Iowa Queen, sired by O. K. Mikado Iowa's Mikado is one of the great Chester White boars—a big boned, big bodied boar of high quality and a breeding record that takes him into the best class. The offering October 18 will be the tops of a large number of pigs, and this will be an opportunity to secure a high-class Chester White boar or gilt at your own price. Write Mr. George for catalog. Please mention Kansas Farmer when writing.

W. E. Long's October 18 Sale.
 One of the Poland China auctions of the fall that should attract buyers from quite a 50-inch heart girth. The boars of the farm near Meriden, Kan. Mr. Long has new blood for Kansas and has made very great progress in many respects. Fifty head are advertised for this sale, quite a per cent of which were sired by the great young boar, King Mastadon, sired by King Mastadon, dam by A Wonder. King Mastadon in his yearling form is now weighing around 600 pounds. Last spring he measured 60 inches in length, and had a 50-inch heart girth. The boars that go in the sale sired by him have wonderful frames and will make boars of immense scale. They were out of the best strain representing about all of the best strain. Other spring pigs are by Long's Mogul boar that has done excellent service. He is the Long herd for so long, and is grandson of Jensen's Mogul, and is a splendid breeder. Mr. Long has so much of his stuff on hand that he should offer to offer him at this sale. He should be into some good herd. The Long sow herd is recognized as one of the best in the state. It has always been a policy to buy at the best sales, and ways buy the best of individuality. The advertising which appears in this issue is given a list of noted boars, sires of the Long sows. This is one of the sales to attend. Write at once for catalog, mentioning Kansas Farmer.

(Continued on page 23.)

CHESTER WHITE, O. I. C. SALES**Unity Chester White**HERD OF PEDIGREED HOGS.
J. N. GEORGE, Proprietor.**Young Stock For Sale**To My Friends and Fellow Breeders:
I will offer for sale, at a sales barn in**Hopkins, Mo., October 18, 1911**

forty head of the best pigs that you will be able to find this year. The blood lines are of the best. My herd boars, Iowa Mikado 1035, and Harvey's Best 1041, have proven themselves to be breeders of the best type. You will miss something if you do not attend this sale.

J. N. GEORGE, Hopkins, Mo.Catalog free. Be sure to write for one.
Arrange to attend this sale, and J. H. Harvey sale at Maryville the next day.
Auctioneers—Col. F. J. Zaun and Col. Glen Bradley.
W. J. Cody will represent Kansas Farmer.**PUBLIC SALE****O. I. C. Chester White Hogs**

of merit, quality and style, with best of breeding known. Fifty head of boars and gilts, running in age from December to April farrow, to be sold at

Maryville, Mo., Oct. 19, 1911

Herd headed by Jumbo 2d, one of the greatest sons of the noted 1210-pound Jumbo. Boars and gilts not related. Plan to attend sale and buy them at your own price. The best breeding that I could secure is represented in this sale.

Auctioneers—Col. T. E. Deem, Cameron, Mo.; R. P. Hosmer, Maryville, Mo.

Breeders attending the J. N. George sale can reach Maryville in time for my sale.

Apply for catalog to

J. H. HARVEY, Maryville, Mo.

W. J. Cody will represent Kansas Farmer.

**HOBSON'S ANNUAL SALE OF STRICTLY
BIG TYPE POLAND CHINA PIGS**

AT CLOVERDALE FARM NEAR

KING CITY, MO., WEDNESDAY, OCT. 11th, 1911

Fifty head, 25 boars and 25 gilts, February and March farrow. The carefully selected tops of our big herd of early spring pigs. Remember, we never sell a single pig until our annual fall sale, and never hold bred sow sales. One offering a year of strictly high-class tops is our plan. No culls or seconds offered in our sales. Our offering this year are all big, husky fellows, big boned, with length, depth and class, and with feet and legs that are right. Our breeding of the Big Type Polands is as good as there is in America, and they are raised and developed for breeding animals, and not just for pork. Every pig offered in this sale was sired by our great herd boar, Missouri Metal, a boar that has proven one of the best breeders of the big type, and are out of sows of the best big type breeding. Can you afford to miss this opportunity to buy at your own price one or more of our splendid offering? Write for catalog.

Auctioneers—Col. Jas. W. Sparks, J. A. Klaas, W. D. Gibson. W. J. Cody will represent Kansas Farmer at this sale.

All bids sent to auctioneers and fieldmen in our care will be honorably used.

S. A. Hobson & Son,**King City, Mo.****Long's Mastodon Sale of Big Poland Chinas
Wednesday, Oct. 18, 1911.**

At farm, 4 miles southeast of Meriden, and 14 miles northeast of Topeka, Kan.

50-Head of the Big Mastodon Kind Bred and Fed Properly -50

Comprising 20 spring boars, including one yearling and the herd boar, Long's Mogul; 8 spring and fall yearling gilts and 22 spring gilts.

SIRES OF OFFERING.

The spring offering was sired by Mastadon 2nd, Long's Mogul, L.'s Mastiff, Gold Metal and Expansion Chief. The yearlings are by Long's Mogul.

DAMS OF OFFERING.

The dams of the offering are mature sows, daughters of such noted boars as Big Chief, First Look, Winning Graniteer, Big Bone Mouw, Long's Mogul, Ross' Hadley, Expansive, Guy's Monarch, etc. I have selected them from the best herds of the country, always buying size with coarseness.

Catalog, giving full information, sent upon request. Free transportation to and from sale from Meriden.

Auctioneers—Sparks, Daum, Triggs, Ward Bros.

W. E. LONG,**MERIDEN, KANSAS**

Jesse Johnson will attend this sale. Send sealed bids to him, in my care.

POLAND CHINA PIG SALE**J. D. SPANGLER'S LARGE TYPE, AT****Sharon, Kansas, Tuesday, October 17th, 1911.****60 Head — 30 HIGH CLASS SPRING BOARS — 30 GROWTHY SPRING GILTS — 60 Head**

These are the big, smooth, easy feeding kind, good bone, good back, good ham, good feet and heads. They are as good a lot as I ever sold in a sale, and I have raised a lot. There is not a poor one in the lot. This offering is sired by large type boars—Spangler's Hadley, Sharon Wonder by A. Wonder, and out of Lady Columbia 2nd. Also a few sired by a good son of Bell Metal, out of the best sows I ever owned. In my herd are Lady Mastodon 2nd, Mastodon Maid 8th, Lady Columbia 1st, Lady Wonder 6th, Gold Dust Queen, Sister Hutch. Visitors from a distance met at all trains at Attica or Sharon. Write today for catalogue to

J. D. SPANGLER,**Sharon, Kansas**

Send bids to O. W. Devine, representing the KANSAS FARMER, who will treat you fair.

HORSES AND MULES

REGISTERED HORSES

O. E. BARNES, SAVANNAH, MO.,
W. E. Price, Proprietor.
Dealer in registered horses. Three very fine stallions to **SELL AT ONCE**. Also the best stud colt in the state. Write for description of stock. I can suit you.

THE BEST IMPORTED HORSES, \$1,000 each. Home-bred, registered draft stallions. \$200 to \$600 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.**

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.
Up-to-date Poland China hogs. Write your wants. **H. N. HOLDEMAN, Meade, Kans.**

ANGUS CATTLE

BIG SPRING ANGUS CATTLE.
Jasper Auldridge & Son, Pattonsburg, Mo., Proprietors
Breeders of pure bred Angus cattle and Duroc Jersey hogs.
Breeding Stock for Sale.

ANGUS CATTLE
Allendale Farm, Savannah, Mo.
W. A. Hoyt, Prop.
Breeder of pure bred Angus cattle—a few choice young bulls for sale. Prompt answer to inquiries.

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.

CHOICE JERSEY BULL CALVES.
In age from 3 to 12 months; the best of breeding, colors and individuality.
HENRY E. WYATT, Falls City, Neb.

THREE BULLS, 2, 4 and 18 months, by Beatrice Stockwell, Doudonell Jewell and Omeris Eminent; several cows and heifers, all ages, solid colors and bred in fashion; test from 5 to 10 per cent butterfat.
S. S. SMITH, Clay Center, Kan.

GOLDEN RULE JERSEY CATTLE HERD.
Headed by Omeris's Eminent \$5865; few bred cows and heifers for sale; reasonable prices.
JOHNSON & NORDSTROM, Clay Center, Kan.

FOR SALE—Ruby's Financial Count, son of Financial Count No. 61316; the dam is Ruby's Fontaine No. 212934, a 45-pound cow recently sold for \$350; gave 45 pounds of milk per day with second calf, milk testing 5 1/2 per cent, and with last calf at the age of 6 years gave 44 pounds of milk for a long period of time, milk testing 5 1/2 per cent. The dam and grand dam of this cow are both 40-pound cows. Ruby's Financial Count is 3 years old and fit to head any herd. Financial Count is a half brother of Financial Countess, a cow with a butter record of 935 pounds and 10 ounces in one year. This young bull is sure, gentle and a fine individual. **W. N. BANKS, Independence, Kansas.**

SHORTHORN CATTLE

Houx's Polands and Shorthorns
50 big type Poland Chinas, March and April pigs, sired by two extra heavy boned boars. Priced at farmers' prices. Ready to ship, order now, and get choice. Description guaranteed. Also a few choice Roan Shorthorn bulls to offer. Sired by King Challenger 312040, a son of White Hall King, 222724. Prices reasonable. Come or write.
W. F. HOUX, JR., Hale, Mo.

SHORTHORNS EVERGREEN HOME FARM.
Lathrop, Missouri.
Milking Shorthorn cattle, bred hornless, Berkshire hogs, Oxforddown sheep, Bourbon Red turkeys. Young breeding stock for sale. A herd of 35 bred Oxforddown ewes to go at a bargain if taken at once. Address **J. H. WALKER, Lathrop, Missouri.**

Pearl Shorthorns
40 BULLS, 6 to 20 months old; straight Scotch and Scotch topped—mostly red. Can spare a few females, same breeding.
C. W. Taylor, Enterprise, Kan.
R. R. Station, Pearl, on Rock Island.

ALFALFA SHORTHORNS LEAF SHORTHORNS
Young stock for sale. Also Silver Laced Wyandotte eggs for sale.
JOHN REGIER, R. 1, Whitewater, Kansas.

ELM GROVE FARM.
Shorthorn cattle and Percheron horses. Write for description and prices.
ISAAC NOVINGER & SONS, Kirksville, Missouri.

GLEN HALL SHORT HORN HERD
Headed by Choice Prince, by Prince of Tebo Lawn and out of Good Lassie by Choice Goods. 5 choice red bulls in age from 10 to 14 months. Herd header, Prospects.
JOHN O'KANE, Blue Rapids, Kan.

TENNEHOLM SHORTHORN CATTLE—
Bred for beef and milk; breeding as good as the best; of Scotch and Bates lines. We use them as dairy cows and find them very profitable. A few young bulls and some females for sale. Write E. S. Myers, Chanute, Kansas.

HERD BULL For Sale

Victor Orange 312830, a Scotch Orange Blossom, sired by Victorious 121469.
H. R. COFFER, Savannah, Mo.

HEREFORD CATTLE

MODERN HEREFORDS HERD BULLS

BEAU BRUMMEL 10th 167719.
BEAU BEAUTY 192235.
CALDO 2d 260444.

Hazford Place Eldorado, Kan.
ROBT. H. HAZLETT.

SPRING CREEK HEREFORDS.
Headed by Christy 234417, Prairie Donald by Beau Donald 7th, and Sir Morgan by Onward 18th. Cows of Anxiety 4th, Hesoid, etc., breeding, including imp. animals. Over 100 head in herd. Few choice young bulls and some good females for sale.
TOM WALLACE, Barnes, Kansas.

Brookside Farm, Savannah, Mo., breeders of Hereford cattle. Herd headed by Hesoid 101st No. 162586 and Horace No. 200428, he by Beaumont. Young bulls for sale. Mail orders given prompt attention.
WARREN LANDERS, Savannah, Mo.

RED POLLED CATTLE

RESERS RICHLY BRED RED POLLS.
The only dual purpose cattle. Headed by Waverly Monarch, tracing to prize winning stock. Cows came from the best herds of two states; 7 choice bulls, some of them of serviceable age, and 7 cows and heifers. The heifers and bulls sired by a 2,000-pound sire. Visitors welcome. **J. B. RESER, Biglow, Kan.**

RED POLLED CATTLE
The only dual purpose cattle and the most profitable for the farmer. Choice bulls for sale.
U. E. HUBBLE, Stockton, Kan.

Roan Hero the International Champion and BELVEDERE X2712-195058

Son of the \$1,500 Grand Victor X1631. 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.

AULD BROS. RED POLL CATTLE.
Herd numbers 50, headed by Prince, a ton bull in condition; 10 choice young bulls and a few cows and heifers for sale; farm one mile from town.
AULD BROS., Frankfort, Kan.

COBURN HERD of Red Polled cattle and Percheron Horses, Young stallions, bulls and heifers for sale.
Geo. Greenmiller & Son, Pomona, Kan.

FOSTER'S RED POLLS.
Choice bulls and heifers priced reasonable.
C. E. FOSTER, R. R. 4, Eldorado, Kan.

HOLSTEIN CATTLE

SUNFLOWER HERD HOLSTEINS.
ARE YOU THINKING of that registered bull you will need for fall and winter service? RIGHT NOW is the time to get in touch, for if you wait until you do have to have him, they may be gone. THE BEST BRED and BEST lot of individuals I have ever had to offer, aged from one month to ONE year. Also females for sale ALWAYS. DON'T wait; investigate this today.
F. J. SEARLE, Oskaloosa, Kan.

Rock Brook Holsteins

20 bulls ready for service at \$75 to \$100. Bull calves \$40 to \$75. Pedigreed and tuberculin tested.
ROCK BROOK FARMS, Station B., Omaha, Neb.

HOLSTEIN CATTLE.
The Most Profitable Dairy Breed. Illustrated descriptive booklets free. Holstein-Friesian Ass'n of America.
F. L. HOUGHTON, Sep., 114 Brattleboro, Vt.

WOODCREST HOLSTEIN-FRIESIANS.
Twenty registered bulls from 1 month to 2 years for sale; dams A. R. O. or A. R. O. breeding. On Rock Island, 30 miles east of St. Joseph, Mo., half mile from station.
S. W. COOKE & SON, Maysville, Mo.

When writing advertisers, please mention **KANSAS FARMER.**

HOLSTEIN CATTLE—M. E. Moore & Co., Cameron, Mo., breeders of Holstein-Friesian cattle. Ten head of high-class cows for sale, some with A. R. O. records; herd headed by the celebrated Sir Johanna Colantha Fayne 42746.

HOLSTEINS FOR SALE.
Some very choice young bulls for sale, mostly sired by Prince Ormsby, now owned by Nebraska Agricultural College. His dams on both sides for four generations average 20 lbs.; he has 30-lb. sisters.
J. P. MAST, Scranton, Kansas.

GUERNSEY CATTLE

A FEW Guernsey bulls for sale; butterfat record 608 to 714 lbs. per year; prices reasonable. **Frederick Houghton, Roxbury, McPherson Co., Kansas.**

FANCY O. I. C. PIGS
H. W. Haynes, Meriden, Kan.

RED POLLED CATTLE

F. W. LAHR, Brooks, Ia., breeder of high-class Red Polled Cattle and Duroc Jersey Hogs. Herd bull Banker 16226, sired by One Price 8522, for sale. This is a 2,500 lb. bull of the show type, and a guaranteed breeder. Will be sold, worth the money. Write me for description of stock and prices. Satisfaction guaranteed.
F. W. LAHR, Brooks, Ia.

SCOTCH SHORTHORN BULLS

Twenty head of high-class Scotch and Scotch topped bulls for sale; yearlings and 2-year-olds; all bred right and good individuals; also herd bull Victoria Prince Second 238026—a herd bull with a record as a breeder; all will be sold; worth the money and descriptions of stock guaranteed.
GEO. A. ROBINSON, Prescott Ia.

DUROC JERSEYS

DUROC JERSEYS

Rose Hill Herd Of Duroc Jersey Hogs

We have for sale two choice yearling boars, two December boars, early spring pigs of both sexes, and a few yearling sows that raised good litters, all from large, prolific sows and by mature boars of State Fair prize blood.
S. Y. THORNTON, Blackwater, Mo.

RIVER BEND DUROC JERSEY HERD

Headed by River Bend Col. and Fitch's Kant; 75 spring pigs for sale; pairs not related.
W. T. FITCH, Minneapolis, Kan.

THE BEST DUROC JERSEY BLOOD OBTAINABLE.

Will be found in what we have in spring pigs; 125 good ones sired by Ohio Col., winner of first and sweepstakes at Hutchinson Kansas State Fair last year, and second at Nebraska State Fair. Others by Blue Valley Chief by Wiley Chief, and Chiefs Wonder by Ohio Chief, Lincoln Top and others, out of mature and richly bred sows. Stock always for sale.
THOMPSON BROS., Garrison, Kansas.

High-Class Durocs Fall boars and gilts by Grand Master by Muncie Chief. 100 spring pigs, both sexes, by Grand Master, Perfect Col., Beauty's Model Top, Fancy Col., Model Top. If you are looking for good individuals and proper breeding write or visit me. Address **GUST BURG, SCIOTA, ILLINOIS.**

SUNNY DELL FARM.
Choice Duroc boars by Rudy K. 4th. A good pair of registered Holstein cattle. Hereford cattle, any age or sex. Prices reasonable. Write—
T. I. WOODALL, Fall River, Kan.

EXTRA CHOICE FALL DUROC JERSEY BOARS FOR SALE.
At prices to move them. Also spring pigs of either sex. Have more stock than I need for my Nov. 3 sale. Col. and Crimson Wonder breeding.
GRANT CHAPIN, Green, Clay Co., Kan.

GET A YOUNG BOAR.
I have for sale a few choice spring Duroc boars. Get one early. Write for prices.
PAUL B. JOHNSON, Leavenworth, Kan.

GOLDEN RULE DUROC HERD; Dreamland Col., the best Col. boar in the west, in service, assisted by J. C.'s Defender, by the noted Defender; 100 choice spring pigs for sale in pairs or trios not related; bedrock prices. **LEON CARTER, Asherville, Kan.**

ELDER'S HIGHLAND DUROCS.
Headed by G. C.'s Col. and F. E.'s Col. Sows contain the blood of Ohio Chief and Crimson Wonder. Stock always for sale.
FRANK ELDER, Green, Kan.

March and April Durocs

Twenty boars weighing about 150 each; reasonable price. Also weanlings.
R. P. WELLS, Formosa, Kansas.

100 DUROC JERSEY PIGS PRIVATELY.
Richly bred boars and gilts in pairs not related at prices to move them.
O. A. TILLER, Pawnee City, Neb.

POLAND CHINAS

MOONEY CREEK POLAND CHINA HERD.
The biggest of the big. Wonder and Mastadon strains. Herd headed by Big O-borne. Pigs raised under natural conditions and no overfed. I have bought seed stock from the best herds in Iowa and have new breeding for Kansas. Write for information about the kind I breed. Visitors always welcome.
JOHN W. NOLL, Winchester, Kans.

Choice Fall Boars For Sale

Good ones sired by Captain Hutch 39068. Barred Plymouth Rock eggs from farm range birds. Visitors welcome.
J. H. HARTER, Westmoreland, Kansas.

EUREKA HERD POLANDS for sale; herd boar Hugo, sired by Mastadon 86th, dam by Lady Look, by Grand Look; low price.
W. H. SALES, Simpson, Kan.

CURRY'S BIG BONED POLANDS.
Headed by M.'s Giant Wonder by Price Wonder, dam by Orange Chief. Sows of Expansion and Hadley breeding. Choice boars and gilts for sale. **JOHN T. CURRY, Winchester, Kan.**

SPRING BROOK STOCK FARM.
80 choice spring pigs to select from. Also, choice Poll Durham Double Standard and Shorthorn bulls.
T. M. WILLSON, Lebanon, Kan.

GALLOWAY CATTLE

FORT LARNED RANCH

REGISTERED GALLOWAYS for sale. Fifteen choice registered bulls 10 to 20 months old.
E. E. FRIZELL, Larned, Kansas.

POLAND CHINAS

BIG TYPE POLAND CHINA BOARS

20 choice individuals, sired by Bell Expand. Same number of gilts. Will also sell Bell Expand cheap. 12 choice Shorthorn bulls and a few cows and heifers, bred.
S. B. AMCOATS, Clay Center, Kan.

Good Poland China Sows

by leading sires, at \$35.00, if taken before breeding season, November. They will bear inspection.
L. C. Walbridge, Russell, Kansas

CHOICE FALL GILTS FOR SALE

By Big John Wonder 55319 and out of big-type sows; the farmer's kind at farmer's prices; either bred or open; write for prices.
JOHN CAPPER, Lyndon, Kans.

GREEN LAWN HERD

Big-boned Poland Chinas; herd headed by Big Spot, Major B. Hadley; a choice lot of spring pigs for sale out of large, mature sows; write us what you want or come and let us show you.
A. J. ERIART & SONS, Adrian, Mo.

FALL BOARS BY HADLEY BOY 48009

Out of strictly big type sows. Prices right.
GEO. M. HULL, Route 1, Garnett, Kansas.

HIGH-CLASS Jan., Feb., March Boars, sired by High Col. Crimson Perfection; his sire Perfection Wonder, first prize pig at Des Moines and Lincoln fairs in 1909; dams go back to Ohio Chief and Nebraska Belle; prices right. **Roy Shutwell, Shenandoah, Iowa, R. F. D. No. 1.**

MADISON CREEK POLAND CHINA HERD
Headed by Big Boned Pete. Sows of Mastadon and Wonder breeding. Stock raised under natural conditions; 70 pigs ready to ship, all out of mature sows.
J. L. GRIFFITHS, Riley, Kan.

PLEASANT RIDGE HERD Poland Chinas, headed by Huster 24; 50 choice pigs to select from; prices right.
M. T. SHIELDS, Lebanon, Kansas.

MILLIGAN'S POLAND CHINAS.
Tried sows with or without litters; gilt bred or open; weanling pigs, either sex; biggest of the big; also medium type; bedrock prices. Phone Idana 6822.
W. C. MILLIGAN, Clay Center, Kan.

STONE'S BIG TYPE POLAND CHINAS.
Headed by Smith's Hadley by Mammoth Hadley, he by Big Hadley. Sows of Moguls Monarch, Expansion, etc., breeding. Herd established 7 years. Choice spring pigs for sale. **Sam Stone, Leonardville, Kansas.**

BRED GILTS \$25 to \$30 EACH.
20 fall gilts, big and smooth. Big type. Good time to start herd. Write quick.
F. D. YOUNG, Winchester, Kans.

BIG POLAND CHINA BOAR.
For sale, cheap, Tulon Prince, a noted big boar.
L. E. KLEIN, Zeandale, Riley Co., Kan.

LIMESTONE FARMS
breeds Shropshires, Big Poland Chinas, Buff Orpingtons, S. C. Brown Leghorns, Indian Runner ducks and Chinese geese. Choice cockerels for sale worth the money.
M. GOTTSWILER, Clarkdale, Mo.

Live Stock Insurance.
Kansas Farmer readers should be interested in the announcement of Mr. George Withers, Clay Center, Kan., which appears in this issue. Mr. Withers makes a specialty of live stock insurance. He knows the work thoroughly and is reliable. No farmer can afford to keep live stock and not carry insurance. Write Mr. Withers at Clay Center, Kan., for his plan. Mention Kansas Farmer when writing.

Ward Bros., Republic, Kan., write that they have a great bunch of Durocs now on hand. They have some good spring hogs for quick sale and are making preparations for one of the greatest bred sow sales of the times. Ward Bros. know the good ones and how to feed to keep them good.

POLAND CHINAS

POLAND CHINAS

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Breeds the stretchy, big-type kind. A few gilts and sows and aged boars, also spring pigs, sired by Passtime, King Clifton, C Wonder, Brandywine, Big Bill Taft and Pawnee Chief Hadley. Satisfaction guaranteed; hogs as represented; everything recorded before shipped.

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With big quality, good, big husky spring boars; also October, 1910, boars; a number of herd headers sired by Jumbo Prospect, who weighs 850 lbs. in every-day clothes. Also some by Wonderful and other good boars. Will also sell Wonderful, that great good yearling. Send for pictures of both boars, also prices.

DEAN'S MASTODON POLAND CHINAS

Mastodon Poland China hogs, the big-boned type that will weigh, when mature, 600 to 1,000 lbs.; Mastodon Price, sired by A Wonder, leads this herd. A number of select fall boars for sale, also teppy spring boars. If you want the right kind they are at Quality Ridge Farm. Phone me at Dearborn, Mo; Railroad Station, New Market, Mo. Satisfaction guaranteed; stock sold worth the money.

LONE ELM POLAND CHINA HERD

Breeder of big-boned, high-class Poland China hogs. A lot of very high-class February and March pigs for sale; can furnish no kin; all stock guaranteed as represented; also safe delivery at your station, and will be sold worth the money. If you want big-boned, high-class Poland, write me at Fayette, Mo.

GILDOW'S BIG TYPE POLAND CHINAS

herd headed by Big Bill Taft and Pawnee Chief Hadley. Choice lot of spring pigs for sale; pairs or trios as kin, also a few extra good sows and gilts either bred or open. Our prices are right. Write DEL. JNO. GILDOW & SONS, Jamesport, Mo.

November 1, I will sell 25 Boars and 15 Gilts, sired by EXPANSIVE 34723 and SAMPSON CHIEF 57365.

Every one a good one. Tops from 100 head. Write now for catalog. H. B. WALTER, Effingham, Kan.

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Home of the Old Original

Big-Boned Spotted Poland

The largest registered herd of Spotted Poland Chinas on earth. Have sold 120 spring pigs Sept. 1. 200 good ones that will be sold in the next 30 days. Write at once if you like the kind of our forefathers.

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200—CHOICE DUROC JERSEY SPRING PIGS AT ALFALFA FARM—200 Sired by 14 different boars. Dams are of best breeding.

PEARL H. PAGETT, Beloit, Kansas.

VALLEY FALLS BIG POLANDS. 10 choice spring pigs sired by Chief Grand Duke, Blain's Gold Dust and Gold Bell; out of big-type mature sows; raised under natural conditions; write for description, breeding, etc.

M. T. WILLIAMS, Valley Falls, Kan.

FOR SALE

11 extra-good Poland China boars of arch and April farrow by A. L.'s Hadley, Big Hadley's Likeness and out of a good, useful lot of sows; from \$20 to \$85.

A. L. ALBRIGHT, Waterville, Kan.

Meisner's Big Smooth Poland Chinas

Headed by Metal's Choice by Mo. Metal, he Bell Metal. Eighty early spring pigs sired by this boar, Expansive, Big Price, St. Thomas and other good sires. Dams are big and motherly and have the best kind of big type pedigrees. Visitors welcome.

T. J. MEISNER, Sabetha, Kansas.

FAIRVIEW POLAND CHINAS

For sale, boars fit to head herds, sired by Big Hadley, Correct Thicket and Triple Effort; also 90 choice spring pigs. For description and price write

F. L. WARE & SON, Paola, Kan.

KING DARKNESS

No. 149999 heads my herd of richly bred Poland Chinas; a few choice pigs sired by him for sale; also a few sows and gilts bred for fall litters. Write at once.

F. J. MILLER, St. John, Kan.

BIG HADLEY, BIG HUTCH AND EXPANSION BLOOD

predominate in my herd. Herd boars: Hatch Jr. by Big Hutch and King Hadley by Big Hadley. Among sows are Grand, Hitter sister to Bell Metal; Pan Prince, weight 725 lbs.; Mollie S., 750 lbs., and Jess Corwin, the dam of Expansion Sea, the greatest boar ever owned in the West. 90 choice pigs farrowed to date. Visitors always welcome.

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Middle Creek Poland Chinas

For Sale—New large type fall boars sired by Monarch Mogul out of my best sows. They are herd headers and priced to sell. Write at once.

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Big Boned Poland Chinas

Forty big, stretchy boars and gilts for sale sired by the most noted boars, Big Hadley, John Ex., King Hadley and John Long and out of strictly big type sows. Write at once. 200 head in herd.

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Longview Poland Chinas

Herd boar young Mastiff. The first and grand champion at Topeka, Kansas. State champion, 1910. A few choice spring boars and sows for sale, all large type. Priced reasonable and guaranteed. D. M. GREGG, Harrisonville, Mo.

WEDD & SON Big Poland-Chinas

Choice spring boars and gilts for sale. Sired by Wedd's Expansion and Kansas' Wonder, out of our best tried sows of best big type breeding.

GEO. WEDD & SON, Spring Hill, Kan.

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Headed by L's Mastiff; 75 choice spring pigs, half by this boar; others by Mogul's Monarch, Choice Goods and other great sires; dams by such sires as Kansas Ex. and Chief, bred by Mow; We breed them big and smooth and cull very close; inspection invited.

A. C. LOBAUGH, Washington, Kan.

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The best of the big-type breeding; fed for best results; sale at Falls City, Neb., October 28th.

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Conovers Big, High-Class Poland Sate, October 25, 1911.

Twenty boars and 20 gilts, all choice selections from February and March farrows. Send for catalogue.

C. E. CONOVER, Strawberry, Mo.

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Headed by Clay Jumbo 54925, one of the best and biggest boars in Kansas; sows of equal merit; 70 good spring pigs to choose from. Write quick.

J. W. ANDERSON, Leonardville, Kan.

GRANER HAS A FEW CHOICE BREED

sows for sale to farrow latter part in Sept. and first in Oct. Also two yearling herd boars, Colossus Boy 56709 and Col. Thomas 57055.

H. C. GRANER, Lancaster, Kansas.

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Hickory Grove Farm—For big-boned, black and spotted Poland; 100 high-class early spring pigs for sale; also over-year-old boars and aged boars with records for breeding.

GEO. & OLLIE TAYLOR, Cameron, Mo.

S. P. CHILES POLAND CHINAS.

For sale, a choice lot of spring pigs, sired by Sentinel by 2nd Independence, out of S. P. Perfection sows and Perfect Louise and S. P. Louise. The dam of the Iowa champion and junior champion last year. Write for prices.

S. P. CHILES, Jefferson, Kans.

CRESCENT Herd big type Poland Chinas.

Headed by Look's Reserve 41317; sow herd descended from noted big sires; choice lot of spring pigs raised under natural conditions; write for description and prices; satisfaction guaranteed.

R. M. BUNNELL, Atchison, Kan.

WALNUT GROVE FARM POLAND CHINAS.

For quick sale, choice of 2 tried boars, litter brothers sired by Grand Look and out of Expansion dam.

JAS. ARKELL, Junction City, Kan.

HILDWEIN'S BIG TYPE POLANDS.

Headed by Kansas Leader by Union Leader, assisted by a grandson of Bell Metal; sows of Expansion, Hadley, Tecumseh and other big type breeding; choice lot of spring pigs.

WALTER HILDWEIN, Fairview, Kansas.

Wiercraft POLAND CHINAS

Bred for quality and size. Address, ALVIN LONG, Lyons, Kan.

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Headed by Colossus X 2d; mated with big smooth sows; 50 choice spring pigs to choose from.

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Headed by the great King Mastadon 2d. Public sale Oct. 18. Write now for catalog.

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

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AETHE MOSE, R. D. 5, Leavenworth, Kansas.

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Herd established 30 years; all stock eligible to register; 100 choice spring pigs ready to ship; prices reasonable; all leading strains represented.

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I have good, pure bred yearling and lamb rams for sale. Satisfaction guaranteed.

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Twenty-two head of Shropshire rams, 1 and 2 years old. Will be priced worth the money. For particulars address O. A. Lamb, Manager, Howard, Kan., or the owner.

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Rams for sale, from imported sires and dams; from the best Shropshire flocks in America; good type, shortlegged and broad-backed; also a few sows; all to go at dry weather prices.

Write J. W. ELLIOTT, Pola, Mo.

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HAMPSHIRE thoroughbreds from prized stock, fine sows and gilts exceptionally cheap. Duroc Jersey out of the best blood possible. Brood sows and gilts, also some exceptionally good male fairs. All registered. Priced to sell. The Springdale Stock Ranch, Concordia, Kansas.

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Bred sows and gilts for August and September farrow; spring pigs, both sexes, no kin; best breeding you can buy; worth the money; all registered free.

G. S. LAWSON, Laveaewood, Mo.

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High Class Hampshires—Herd Headed by the Celebrated Year Erlanger 1029. High class young boars for sale. Will also sell Erlanger.

J. Q. EDWARDS, Platte City, Mo.

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The Animal Husbandry Department of the KANSAS STATE AGRICULTURAL COLLEGE offers for sale boars and gilts of the BERKSHIRE, DUROC JERSEY and POLAND CHINA breeds. Well bred and good individuals at reasonable prices. Address Animal Husbandry Department, K. S. A. C., Manhattan, Kan.

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Oketo, Kan., will make pure bred stock or farm sales anywhere in Kansas or adjoining states; 15 years' experience best of references furnished. Write or phone for dates.

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200-ACRE WHEAT FARM at a bargain if sold at once. Write for our farm list. **WHIPP & CO., Concordia, Kan.**

238 ACRES, a special bargain for short time. Will take residence or auto as part. **Morrow Land Co., Morrowville, Kansas.**

MONEY in Western land. Live agents wanted. Write **Walter & Walter, Syracuse, Kansas.**

FOR SALE OR TRADE—Properties of all kinds. Lands \$15 to \$75 per acre. 40 years' residence. **W. H. Kaltenbach, Toronto, Woodson Co., Kansas.**

200 ACRES, 14 miles south of McPherson, Kan.; good farm; price \$90; exchange for mdse.; mostly alfalfa land; imps. good. **J. M. Clubine, Durham, Kan.**

10 DOLLARS PER ACRE UP TO \$25 buys best improved farms in Wichita county, Kansas. **WHEAT BELT LAND CO., LEOTI, KAN.**

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160 ACRES, 3 miles of Towanda. A snap at \$7500. Other good farms in western Butler county. Write for particulars. **G. W. MOORE, Towanda, Kansas.**

Irrigated Farms in Bent Co., Colo., to trade for general mdse. Write me relative to Government lands coming under new ditch. **HARRY C. JOHNSTON, Las Animas, Colo.**

COMMANCHE COUNTY. 160 a. alfalfa and wheat land, 100 a. cultivation, balance grass, 6 mi. town, 1 mi. school, \$40.00 per acre; \$2,400.00 will handle. **PAUL RESING, Protection, Kan.**

WHITE FOR MY BIG LIST OF CHEAP cattle, horse and sheep ranches. I have improved farms worth the money on terms to suit in the sure wheat belt. Agents wanted to co-operate. **J. C. WHARTON, McCracken, Kansas.**

FOR SALE OR EXCHANGE—Farms and ranches at prices ranging from \$10 to \$40 per acre; send for our dry-weather cut-price list. **SPERRY & OLSON, Hill City, Kan.**

A SNAP—\$22.50 per acre. Improved 320 acres, new house, new barn, good pasture, lots of good water, fenced and cross fenced, 70 acres ready for wheat, all tillable. Terms on part. **Taylor & Bratcher, Coldwater, Kansas.**

FOR SALE OR EXCHANGE—Labette county, 380 a., 1 mile of Angola, 200 a. in cultivation, very fine improvements. Terms to suit if cash buyer. Price \$50 ac. Address **M. W. Cave, Salina, Kan.**

FARMS, RANCHES AND CITY property for sale and exchange; merchandise stocks a specialty; some small tracts near Wichita, good location for retired people; prices reasonable. **A. N. BONTZ, Wichita, Kan.**

STAFFORD COUNTY, KANSAS. One of the best farming sections in the state; write me for descriptions and full particulars about some of the fine farms I have for sale in this section; good crops all the time. **A. L. McMILLAN, Stafford, Kansas.**

A FINE NESS COUNTY FARM. 640 acres, 1 1/2 miles from town; 1/2 mile to school; 500 acres smooth, bal. good pasture; never failing spring, also good well; 4 miles of fence; 300 acres in cult.; land all clear; will trade for good, clean stock of mdse.; price \$20 per acre. **RUTHERFORD & OLIVER, Utica, Kan.**

FALL BARGAINS. Send for my new fall land list. I have some special bargains in eighties, quarters and half sections in the best part of Kansas—Butler, Harvey and Sedgwick counties. Kansas map and list free. **JAMES A. THOMPSON, Whitewater, Kan.**

STOP RENTING Here are 160 acres 8 miles Fall River, Kansas, 85 acres cultivation, balance native grass; 3-room house, common stables, orchard, good water, close school; this farm lies in nice valley; cash price \$4,000; will take \$1,000 in good work and driving teams as part pay. **W. A. Nelson, Fall River, Greenwood County, Kansas.**

Sell or Trade 100 a., Anderson Co. farm to trade for western Kansas wheat; farm must be priced right; \$12,000 stock gen. mdse. for western stock ranch; 160 a. well improved for sale cheap; 77 a. for merchandise. Write us now. **NEAL-BOWMAN LAND CO., Garnett, Kan.**

FOR SALE. A1 feed mill, doing a good cash business of \$150 to \$200 net each month; only one in west part of the county; splendid trade; coal bins on railroad right of way; owner selling on account of losing his wife and falling health; this will bear investigation; in good, live town. For further particulars call on or address **THOS. DARCEY, Real Estate Agent, Offerle, Kan.**

A FINE VERDIGRIS BOTTOM FARM 150 acres splendid bottom land. No better land anywhere. Wheat and alfalfa land. All in cultivation, except 8 acres good timber. House and good barn, 8 miles of Fredonia. Priced to sell soon at \$50 per acre. A bargain. Come and see this tract. Write for new land list. **M. T. SPONG, Fredonia, Kansas.**

WRITE for descriptive list of S. E. Kansas farms, \$35 to \$60 per acre. **FOSTER BROS., Independence, Kas.**

CORN, WHEAT AND ALFALFA LANDS. Stock ranches and city property for sale or exchange. **J. N. THOUVENELL, WINONA, KANSAS.**

A GOOD FARM of 240 acres; only 5 miles out; large improvements, good alfalfa and corn land; must be sold; \$55 per acre. **T. B. GODSEY, Emporia, Kansas.**

KIOWA.—3,100 acre up-to-date Ranch, no drawbacks to location, quality, water and improvements. Without flaw. Price \$15 per acre. Write **Griffin Bros., Kiowa, Kan.**

NORTH ARKANSAS—Cheap improved farm; fruit, stock lands; healthy, mild climate; Frisco railroad. **I. M. Gray, Hardy, Sharp County, Ark.**

BUTLER, HARVEY AND SEDGWICK CO. LANDS. Plenty of rain and everything looking fine. Come and pick out your farm on next March settlement. All kinds of exchanges. Send for new list. **EBERHART & MELLOR, Whitewater, Kan.**

100—CHOICE DICKINSON AND CLAY CO. FARMS—100 80 acres 3 miles from town, 70 a. under plow, alfalfa land, 20 pasture and meadow, 5 room house, good well, barn and other buildings. \$2900 cash; rest to suit; 25 a. wheat included. Write for list. **J. J. Bishop, Wakefield, Kan.**

FOR SALE—Improved 80-acre farm; fine, smooth farm, 65 acres in cultivation, balance in improvements, orchard and pasture. Present corn yield 50 bushels per acre. Splendid locality. Price at once, \$4,800. **F. D. CULVER, Humboldt, 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.**

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

FOR TRADE—314 acres, eastern Kansas; well improved; fine home; black prairie land; price \$75 per a.; want income city; we had a big wheat and a big corn crop to gather; write today. **G. T. KINSEY, Le Roy, Coffey County, Kan.**

15,000 ACRES CHEAP LAND, Kit Carson County, Colorado for sale or exchange. Good relinquishments cheap. This is the rain belt of Colorado. Good soil, good water, good crops, everything prosperous. Write for particulars. **GIBSON & NELSON, Flagler, Colo.**

If you want to buy land or make some exchanges. Write **G. K. JACKSON, Eureka Kans**

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

FOR TRADE 800 a. in Taney Co., Mo., 2 1/2 mi. to town, 100 a. creek bottom in cult., 400 a. fenced; large 2-story house, large barn and other outbuildings; wants mdse.; price \$13,000, mortgage \$3,000. **SPOHN BROS., Garnett, Kan.**

Great Farm Bargain Only two miles from the City of Topeka, 2 miles from street cars, on proposed extension of car line, macadam road; the greatest farm bargain in the county; a fine grain, stock or dairy farm; all alfalfa land; located right to sell all or part in five and ten acre tracts; 185 acres; 145 acres in cultivation, 12 acres alfalfa, balance pasture; practically all tillable; house, barn and other outbuildings are old; good well; this farm is right at the door of one of the largest and best markets in the state for all products; largest creamery in the world here; large packing house; wholesale and retail markets; owner old and wants to sell; only \$160 per acre, small payment down and very easy terms; a snap for the first man with the money. **THE HEATH COMPANY, 100 West Seventh St., Topeka, Kansas.**

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160 ACRES, 2 miles from Burlingame; 60 a. in cultivation; balance meadow and pasture; 6 room house; \$1,000 new barn; small orchard. \$55 per a.; one-half down at 6 per cent. Write for other properties in western and central Kansas and northern Oklahoma. **Tomson & Coover, Topeka, Kan.**

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Write for our list of Special Bargains. We have some prices that will surprise you. Remember that Ness County adjoins the banner wheat county of Kansas for 1910. County map and literature mailed on request. **FLOYD & FLOYD, Ness City, Kansas.**

DICKINSON COUNTY BARGAINS

Best alfalfa farm in state for sale. Write for folder giving a description of some improved farms located close to Abilene, the great alfalfa, corn and wheat district of Kansas. **R. G. TONKIN, Abilene, Kansas.**

I CAN'T FARM AND WANT TO SELL. 80 acres in Osage Co., dandy good land; 7-room house, small barn, extra good orchard, good well, best of water, 50 acres in cultivation, balance in pasture and meadow. I am tired of renting this land and will sell cheap. Price only \$3500. \$1,000 cash, balance to suit purchaser. Call or write—**R. H. BURNS, 106 1/2 West St., Topeka, Kansas.**

IMP. and unimp. land in western Kansas. **W. G. Ruth, Scott City, Kansas.**

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

BUY OR TRADE with us. Exchange book free. **Bersle Agency, El Dorado, Kan.**

ESTABLISHED 1885—Write for free list. **Park H. Thornton, Real Estate Dealer, Coldwater, Comanche Co., Kansas.**

160 A., 90 IN CULT.; 20 alfalfa, rest pasture; 4 1/2 mi. from town; exchange for general mdse. **J. A. KASPAREK, Belleville, Kan.**

WE TRADE OR SELL ANYTHING ANYWHERE. The Realty Exchange Co., 18-22 Randall Bldg., Newton, Kan.

LAND IN FORD CO. and the Southwest at \$4 per acre and up. Wheat lands a specialty. **BROWN & VERNON, Dodge, City, Kansas.**

I MAKE a specialty of Ford county land and Dodge City property. **P. H. SUGHRUE, Dodge City, Kansas.**

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WRITE G. L. PAINTER & CO. About Ford Co. Land. \$15 per acre up. **DODGE CITY, KANSAS.**

WESTERN KANSAS

Wheat and alfalfa lands cheap; no sand or rock; good soil and productive; write for list; state in first letter what you wish; save delay. **V. C. CUTLER CO., Scott City, Kansas.**

FINE HOME, 48 a., one mile of this city, about 38 a. now in cultivation, bal. pasture, 6 room house, new barn 34x50 and hay loft; two wells and mill and other outbuildings; good orchard and all second bottom land. Priced to sell at \$5,500 cash. **E. F. Dewey, Blue Rapids, Kan.**

FOR EXCHANGE. A good 160-acre farm in Woodson County, Kansas; 70 cultivated, 60 meadow, balance pasture; no rock; \$65 per acre; mtg. \$4,000. What have you for equity? **A. B. ESTEP, Yates Center, Kansas.**

BOURBON COUNTY 160 acres, 5 miles from town, 80 acres in prairie grass, 80 acre sin cultivation. Good improvements, smooth land, good soil. \$50 an acre. Write for list. **BAINUM & COOK, Fort Scott, Kan.**

GREENWOOD COUNTY NURSERY. We have for fall and spring delivery a general line of nursery stock. Apple, crab apple, pear, cherry, plum, peach, apricot, quince, grapes, berry plants, catalpa and black locust. A certificate of nursery inspection with each shipment. **J. W. HINSHAW, Eureka, Kansas.**

IDEAL BARGAINS Arkansas river bottom; 80 acres, dark, sandy loam, 15 ft. to water, 4-room house, barn, mill, young orchard; 4 1/2 mi. of Wichita. Price \$100 per acre. City property, small tracts, farms and ranches for sale or trade. **IDEAL REALTY CO., 311 East Douglas, Wichita, Kans.**

CHEAP ALFALFA FARMS 160 a., 4 m. good town, fair improvements, 20 a. alfalfa, 25 pasture, balance crops. Price, \$11,500. Terms. Write for bargains.

Howard The Land Man 105 North Main, Wichita, Kan.

HERE IS A SNAP. 160 acres, 5 1-2 miles from a good town, 3 miles to R. R. switch, all level, no waste land, 92 acres pasture and meadow, 3 acre orchard; balance cultivated, 5-room house, 2 barns, and other outbuildings, 80 rods to school; rural route and telephone, natural gas in house; a light job goes with this, at \$60 per month. Price, \$60 per acre. Write for our land list. **SIMON LAND CO., Garnett, Kan.**

ONE OF THE BEST PAYING RANCHES in Greenwood county, Kansas, one mile from town and shipping point; 200 acres in cult., 100 acres of which are first bottom land; 200 acres in prairie meadow, 240 acres blue-stem pasture; 2 good sets of improvements; fine protected feed lots with living water; black limestone soil; cheap at \$36 per acre; corn on this ranch this year will make 50 bu. to the acre. **J. C. Talbot, Eureka, Kan.**

CHASE CO. RANCH

1,096 acres, 250 acres under cult., one bottom alfalfa land, fair improvements, good pasture, good water, 1 1/2 miles Strong Co. Price \$27 per acre. Free list.

A. J. KLOTZ & CO., COTTONWOOD FALLS, KAN.

LOOK! LOOK! \$4 PER ACRE. 3,680 acres grazing land, heavily grassed, plenty water, all fenced, only 9 miles Limon; 2 sections of leased land goes with this, the one big snap. If wanting a steady ranch, see this. One-half cash, balance arranged. No trades considered. Write for a bargain at twice the price. **CARL M. COOK, Limon, Colo.**

480 ACRES, well improved, all good land, no rock or gravel, 5-room house, large well, cistern, close to school and town, R. F. D.; telephone in house. Price, \$23 per acre. Will take small cash payment will give long time on balance at 6 per cent. Write for full description. **MANSFIELD LAND CO., Ottawa, Kan.**

OSAGE COUNTY FARM BARGAIN. 80 acres, 4 1/2 miles from Osage City, Kan. 40 acres in cultivation, 5 acres good chard, balance native grass land, farm nice and smooth, 8 room house, good condition, good cellar, barn 28x36 ft. with granary, hen house, hog and cattle sheds, plenty of good water, close to school, R. F. D. and phone. Price, \$4,500. **J. C. EAPP & CO., Osage City, Kan.**

BIG BARGAIN. Direct from owner; excellent stock farm, 500 a., one-half tillable; fine bluegrass meadow and pasture; good soil; extra large stock and hay barn, built of stone; good room house; abundance of fine water; orchard; 3 mi. to railroad; 6 mi. to court seat; 1 mi. to school and church; R. F. D. good roads; fine settlement; must sell at \$30 per acre; will carry part. Address **LOCK BOX 807, Fredonia, Kansas.**

Farm Renters Wanted We have for rent improved farms of acres up, and tracts of improved land ready for disking and seeding under large reservoir irrigation system in Colorado. produces three crops alfalfa and large yield and any kind of grain, sugar beets, potatoes, etc. Splendid climate. Industrial renters, with proper equipment, want Farms for sale on easy payments. If interested, write. **LAND RENTAL MANAGER, DENVER RESERVOIR IRRIGATION COMPANY, Ideal Bldg., Denver, Colo.**

FIELD NOTES. **Wells Buys Herd Boar.** Mr. R. P. Wells, Duroc Jersey breeder of Formoso, Kan., has purchased from P. Teagarden of Wayne, Kan., a choice spring boar sired by Tat Co. by Tatarax. He is an excellent individual and won two firsts at the Republic County fair this year. His dam was a son of Bell's Chief.

Jensen's Mogul Polands. Carl Jensen & Son, Belleville, Mo., writes: "In regard to the fall herd being offered for sale, would say that he is a good one, and a future herd head. He is a big fellow and one of the we ever raised, notwithstanding the fact that we have recently bred several fair winners that have made good. Last of these is Valley Chief, which sweepstakes at the Kansas State Fair, and is owned by W. T. Hammond, Pittsburg, Kan. We have two brothers of Valley Chief for sale that are herd heads. One fall boar is one of the biggest I have ever bred and we have his sire, his grand-dam in the herd to verify his pedigree. He won first prize at the Republic County fair of 1911. If the buyers come and look this herd over, we will talk about, but are so seldom seen."

Galloway Sale Cattle. It has been the custom of the American Galloway Breeders' Association to hold a public sale of registered Galloway cattle in Kansas City during the week of the American Royal Live Stock Show. year, however, the breeders who contribute to these sales have had so much home demand for their stock that they were unable to make up a sufficient number of entries for a public sale. Only ten bulls were offered, and their pedigrees are published in a catalog just issued by the Galloway association. These bulls are on exhibition at the American Royal from October 9-14, where they will be offered for sale at private treaty by their respective owners, all of whom are prominent breeders and exhibitors of Galloway cattle. Ask Secretary R. N. Brown, 517 Exchange Ave., Chicago, for catalog.

FIELD NOTES

FIELD MEN.

Wayne Devine.....Topeka, Kan.
H. Johnson.....Clay Center, Kan.
J. J. Cody.....Topeka, Kan.

PURE BRED STOCK SALES.

Percherons.
Nov. 8—W. S. Corsa, White Hall, Ill.
Nov. 14-15—H. G. McMillan & Sons, Rock Rapids, Ia.
Nov. 15-16—E. R. Morgan, Blue Rapids, Kan.
Nov. 28—Isaac Novinger & Sons, Kirksville, Mo.
Nov. 28—Whitewater Falls Percherons, J. C. Towanda, Kan.
Nov. 28—H. G. McMillan & Sons, Rock Rapids, Ia.

Holstein-Freislans.
Nov. 7-8—H. C. Glissman, Station B, Omaha, Neb.

Herefords.
Nov. 10—Thos. Crawford, Butler, Mo.
Nov. 17-18—G. W. Newman, Emporia, Kan.
Nov. 15-16—E. R. Morgan, Blue Rapids, Kan.

Shorthorns.
Nov. 1—Dr. R. A. Stewart, Hutchinson, Kan.
Nov. 14—J. F. Stodder, Burden, Kan.

Guernseys.
Nov. 3—Wilcox & Stubbs, Des Moines, Ia.

Poland Chinas.
Oct. 17—Jas. Arkell, Junction City, Kan.
Oct. 17—Dietrich & Spalding, Ottawa, Kan.
Oct. 17—J. D. Spangler, Sharon, Kan.
Oct. 18—Geo. M. Hull, Garnett, Kan.
Oct. 20—Roy Johnston, South Mound, Kan.
Oct. 20—Geo. W. Smith, Burchard, Neb.
Oct. 21—Stedem Stock Farm, Marshall, Mo.
Oct. 21—A. R. Ryestead, Mankato, Kan.
Oct. 23—Herman Groninger & Sons, Benda, Kan.
Oct. 23—Edward Welter, Flush, Kan.
Oct. 24—W. F. Fulton, Waterville, Kan.
Oct. 24—A. P. Young, Lexington, Mo.
Oct. 24—F. C. Swiercinsky, Belleville, Kan.
Oct. 25—Albert Smith & Sons, Superior, Neb.

Nov. 25—R. M. Finch, Sheridan, Mo.
Nov. 25—T. J. Meisner, Sabetha, Kan.
Nov. 26—W. R. Webb, Benda, Kan.
Nov. 26—George Wedd & Son, Spring Hill, Kan.
Nov. 27—Baker Bros., Butler, Mo.
Nov. 27—J. C. Halderman, Burchard, Neb.
Nov. 27—O. J. James, Bradyville, Iowa.
Nov. 28—W. V. Hoppe, Stella, Neb.; sale at Fall City, Neb.

Nov. 30—J. H. Harter, Westmoreland, Kan.
Nov. 31—M. T. Williams, Valley Falls, Kan.
Nov. 1—S. A. Bugge, Hamilton, Mo.
Nov. 1—H. G. Walker & Co., New Madison, Ohio.

Nov. 1—H. B. Walter, Effingham, Kan.
Nov. 2—H. C. Granger, Lancaster, Kan.
Nov. 3—T. E. Durbin, King City, Mo.
Nov. 4—T. M. Willson, Lebanon, Kan.
Nov. 6—J. E. Bowser, Abilene, Kan.
Nov. 7—H. J. Griffiths, Clay Center, Kan.
Nov. 8—L. E. Klein, Zeandale, Kan.
Nov. 8—W. A. Prewett, Asherville, Kan.
Nov. 9—Young & Kimberling, Glasco, Kan.
Nov. 9—Joe Schneider, Nortonville, Kan.
Nov. 11—P. L. Ware & Son, Paola, Kan.
Nov. 13—Walter Hildwein, Fairview, Kan.
Nov. 14—E. W. Barber & Son, Franklin, Neb.

Nov. 15—A. P. Wright, Valley Center, Kan.
Nov. 15—C. W. Jones, Solomon, Kan.
Nov. 16—Miller & Manderschied, St. John, Kan.
Nov. 17—J. F. Ware, Garfield, Kan.
Nov. 18—George W. Roberts, Larned, Kan.
Nov. 19—O. M. Furnas, Oxford, Kan.
Nov. 4—Ben. Bell, Beatle, Kan.
Nov. 5—H. B. Walter, Effingham, Kan.

Nov. 7—A. R. Enos, Ramona, Kan.
Nov. 24—A. L. Albright, N. E. Copeland, Waterville, Kan.
Nov. 24—T. J. Meisner, Sabetha, Kan.
Nov. 24—A. L. Albright, Waterville, Kan.
Nov. 25—J. H. Hamilton & Son, Guide Rock, Neb.

Nov. 27—A. C. Lobaugh, Washington, Kan.
Nov. 27—J. L. Griffiths, Riley, Kan.
Nov. 6—Thompson Bros., Marysville, Kan.
Nov. 6—H. C. Graner, Lancaster, Kan.
Nov. 7—Albert Smith & Sons, Superior, Neb.

Nov. 8—T. J. Charles, Republic, Kan.
Nov. 8, 1912—George M. Hull and Col. C. E. Garnett, Kan.
Nov. 9—N. Hodgson, Parker, Kan.
Nov. 9—W. E. Willey, Steele City, Neb.
Nov. 12—Oak Hill Stock Farm, Esbon, Kan.
Nov. 16—J. H. Harter, Westmoreland, Kan.
Nov. 17—Ernest W. Beery, Shambaugh, Ia.
Nov. 17—A. R. Ryestead, Mankato, Kan.
Nov. 20—H. M. Bunnell, Atchison, Kan.
Nov. 20—E. Logan, Beloit, Kan.
Nov. 21—W. A. Prewett, Asherville, Kan.
Nov. 22—C. W. Jones, Solomon, Kan.
Nov. 23—J. J. Hartman, Elmo, Kan.
Nov. 24—C. H. Pilcher, Glasco, Kan.; sale at Concordia, Kan.

Nov. 27, 1912—L. R. McClarnon, Bradyville.
Nov. 2—F. W. Barber, Franklin, Neb.
Nov. 6—T. M. Willson, Lebanon, Kan.

Duroc Jerseys.
Nov. 14—H. B. Miner, Guide Rock, Neb.
Nov. 17—Pearl H. Pagett, Beloit, Kan.
Nov. 20—J. B. Davis, Fairview, Kansas.
Nov. 27—C. E. Conover, Stanberry, Mo.
Nov. 27—Dana D. Shuck, Burr Oak, Kan.
Nov. 3—T. I. Woodall, Fall River, Kan.
Nov. 1—W. E. Monasmith, Formosa, Kan.
Nov. 3—Frank Elder, Green, Kan.
Nov. 3—Grant Chapin, Green, Kan.
Nov. 15—J. F. Stodder, Burden, Kan.
Nov. 15-16—E. R. Morgan, Blue Rapids, Kan.

Nov. 30—Ward Bros., Republic, Kan.
Nov. 1—W. E. Monasmith, Formosa, Kan.
Nov. 1—Geo. Philippi, Lebanon, Kan.
Nov. 2, 1912—Frank Elder, Green, Kan.
Nov. 2—Rinehart & Son, Smith Center, Kan.
Nov. 3—C. Whitney, Agra, Kan.
Nov. 8—J. B. Davis, Fairview, Kansas.
Nov. 9—Sanderson Bros., Cleburn, Kan.
Nov. 9—Sanderson Bros., Blaine, Kan.
Nov. 14—J. O. Hunt, Marysville, Kan.
Nov. 14—Edward Fuhrman & Sons, Oregon, Mo.
Nov. 14—Thompson Bros., Garrison, Kan.
Nov. 15—Grant Chapin, Green, Kan.
Nov. 27—W. T. Fitch, Minneapolis, Kan.
Nov. 28—Leon Carter, Asherville, Kan.

O. I. C. Swine.
Oct. 25—R. W. Gage, Garnett, Kan.
Oct. 28—Arthur Mosse, Route 5, Leavenworth, Kan.
Oct. 30—C. R. Champlon & Son, Raymore, Mo.
Nov. 4—George O. Clark, Wilcox, Neb., and O. W. & E. Holtquist, Sacramento, Neb. Sale at Holdrege, Neb.

Land.
Nov. 15-16—E. R. Morgan, Blue Rapids, Kan. (Capital Bluff Stock Farm.)

Sale Date Changed.
W. H. Emens of Elmdale, Kan., who was claiming October 9 for sale date, has changed to later date in November. Please watch for announcement of this sale in Kansas Farmer.

Grand Champion Poland Boar.
Mr. Lee Stanford of Lyons, Kan., was awarded the grand champion on his fine herd boar, Smuggler, a line-bred Perfection E. L. This herd boar will be sold with a lot of his get at Lyons, Kan., September 30. Please arrange to attend this sale.

The Ross' Percherons.
With this issue, George B. Ross, Alden, Kan., starts an advertising card in Kansas Farmer, in which he offers for sale a few choice Percherons. Mr. Ross has raised, sold and exhibited at the leading fairs a very high class of Percherons. He now has a few choice young stallions and a few matched teams of young mares for sale. Write him or go and see them. You will make no mistake if you buy from the Ross farms. Kindly mention Kansas Farmer when you write.

Law for the Farmer.
As a general proposition, that man is wise who avoids contests at law. Also, as a general proposition, that man is wise who secures the most expert professional assistance when he is compelled to go to law. In order that he may avoid contests at law and settle his differences amicably with his neighbors, it becomes necessary for each individual to have at least an elementary knowledge of the general principles of law. To meet this demand, which is a real one, the Macmillans have issued a book of more than 400 pages, by John B. Green, entitled, "Law for the American Farmer." This book is very comprehensive and valuable. It is sold for \$1.50, and can be furnished by Kansas Farmer at publisher's price.

The Robison Percherons.
J. C. Robison, owner of the Whitewater Falls Percherons at Towanda, Kan., has managed to break a sale record in nearly all of his recent annual Percheron sales. Now he is making a new record in the show ring. At both Topeka and Hutchinson, as well as at several of the county fairs, he has either taken the lion's share of the ribbons or has divided them up nicely, though showing in the stiffest kind of competition, against studs from both this and other states. It is doubtful if Kansas ever had bigger or better horse shows than those made at Topeka and Hutchinson, and winning in such company meant quality. The Robison advertisement starts in this issue of Kansas Farmer. Just notice what he has to offer, and mention Kansas Farmer when you write him.

Spangler's Sale, October 17.
On Tuesday, October 17, J. D. Spangler of Sharon, Kan., will sell at public auction 60 head of large, growthy Poland China boars and gilts. They are the large, easy feeding kind, and are as good a lot as Mr. Spangler ever raised. They were sired by Spangler's Hadley and Sharon Wonder, a great son of the 1,200-pound A Wonder. Mr. Spangler has owned a number of good sires and has sold many large type hogs and, today, he has a herd of brood sows on the farm that any breeder might be proud to own. They are all of the large, smooth kind that go out and make good for the purchaser. Please look up his sale advertisement in this issue and send in your name early for a catalog. Then arrange to attend this sale. Kindly mention Kansas Farmer when you write.

J. H. Harvey's O. I. C. Sale.
Don't fail to read the sale advertisement of J. H. Harvey of Maryville, Mo., in this issue of the Farmer. On Thursday, October 19, Mr. Harvey will offer at public sale a draft of 50 head of high-class O. I. C.'s, the tops of a very fine herd, and every one selected by a veteran breeder. The head of the herd is Jumbo 2d 7880, sired by Jumbo 14035, a prize winner at Iowa State Fair in 1909, and as a 2-year-old weighing almost 1,000 pounds, and was exhibited at Iowa State Fair at 3 years old, and weighed 1,210 pounds. Jumbo 2d is a very fine boar of the big, mellow kind, with all the points and qualities that make the show hog, and the offering at this sale will show that he is a fine breeder. Among the sows of this herd are Alvey Sweet 469, W. Record, also recorded in O. I. C. Record. This sow was sired by Frost Boy 20712, dam Alvey Bess 22404, Lady Ella 1216 O. I. C., sired by Kerr Garnett 17167, dam Nebraska Bell 20191, Crescent Daisy 10th 1082, sired by Kerr Wizard 19497, Nell 5777, sired by Sam White 18705. This is a very large, high-class sow, with a record for large litters. She raised eleven pigs in each of her last two litters. Mr. Harvey's offering will be one that O. I. C. breeders cannot afford to overlook. They are a select lot and are bred right. Write for catalog. Please mention Kansas Farmer when writing.

Hobson & Son's Sale, October 11.
The annual sale advertisement of S. A. Hobson & Son of Cloverdale Farm, King City, Mo., appears in this issue of the Kansas Farmer. Hobson & Son are the owners of one of the noted herds of big type Polands, and their offering October 11 will be one of the very best of the season. The 50 head, 25 boars and 25 gilts, to go in this sale make one of the most uniform and best lots of spring pigs that the writer has ever seen. They are the big boned, mellow kind, with everything that could be desired in the way of class. They are the carefully selected tops from a herd of 80 head of February and March farrow and the 80 head were raised by 12 sows. These pigs were raised and developed for breeding purposes, and not just for pork. They have not been stuffed or pampered. They were all sired by Hobson & Son's great

boar, Missouri Metal 48290, by Bell Metal 40388, dam Miss June 99077, and it is conceded that Missouri Metal is one of the greatest sons of Bell Metal and grandsons of the famous prize winning Expansion. The dams of the pigs offered in this sale are a carefully selected lot of the best big type breeding. A number of them sired by Hobson's Choice, by Nebraska Chief 32782, dam Loyd's Choice 666819, and a number of Johnson's Chief and Blaine's Tecumseh 3d sows, also sows sired by Crawford's Perfection by Lee's Improver, dam American Beauty by Longfellow, out of Giantess 8d. If you want the big, mellow kind and a good individual that is bred right, write Hobson & Son for catalog and attend their sale. Please mention Kansas Farmer when you write.

Enos Will Sell Boars Privately.
A. R. Enos of Ramona, Kan., the Poland China breeder who owns Nox All Hadley, has changed his fall date to a winter date, and will sell his boars off privately. Mr. Enos says he hasn't enough gilts to make a fall and winter sale, so is calling off the fall sale.

Hartman's Falls Sale Off.
Owing to the exceedingly strong demand for boars, Mr. J. J. Hartman, the successful Poland China breeder of Elmo, Kan., has decided not to hold his fall sale and will offer all of his spring boars at private treaty. Mr. Hartman has a fine bunch and will make prices reasonable.

Lambert's Poland Chinas Win.
Josia Lambert and his brother, successful Poland China breeders of Smith Center, Kan., had a fine display at Topeka State Fair this year, winning the following premiums: First on sow under 6 months, second on senior yearling boar, third on sow under 12 months, third on boar pig, third and fourth on aged sow, second on best litter and third on aged herd. These places were won in pretty strong competition. Mr. Lambert has choice boars and gilts for sale. See his card in this issue and write him for prices and description.

Shorthorn Cattle Sale November 1.
On November 1, Dr. R. A. Stewart of Hutchinson, Kan., will offer to the public an opportunity to buy from the noted Reno herd of Shorthorns a lot of useful breeding cows and heifers. The offering will consist of about 40 to 45 head of regular breeding cows that have all raised calves this year, and almost all of them will be bred again. All the heifers that are old enough to breed will be bred, while many of the cows will be sold with large spring calves at their side, and will be sold as one lot. The Reno herd is headed by two excellent bulls—Forest Knight, a most worthy son of Gallant Knight, and Victor Archer. Most of the sale offering will either be sired by or bred to one of these sires. The matured cows are a lot of large, rooney matrons that come up to the ideal of a good judge of a beefy type of Shorthorn. No little credit should be placed on the careful selection of sires and the intelligent and painstaking care in the improvement and selection of female standards. By these careful methods, Dr. Stewart has built up the Reno herd of Shorthorns to a high level of uniform merit. The blood of Forest Knight and Victor Archer predominates, and many of the young things have that sweet face and turned horn that so many of the descendants from the Gallant Knight family always show. If the reader is looking for a few ideal Shorthorns on which to lay the foundation of a herd, or with which to add new blood to his herd, he should not overlook the opportunity to attend this sale at the fair grounds at Hutchinson on Wednesday, November 1, 1911. The catalogs are ready to mail out. Send your name early. Kindly mention the Kansas Farmer when you write.

In this issue will be found the advertisement of H. B. Miner's big sale of Duroc Jerseys, at Guide Rock, Neb., Saturday, October 14. Fifty head go in this sale, 30 boars and 20 gilts. About half of the offering was farrowed in February and the balance in March. They are well grown out and are very likely as choice an offering as will be made in Nebraska this season and this is saying a good deal, when it is remembered that Nebraska is the home of some of the choice herds of Duroc Jerseys. H. B. Miner was a heavy buyer on the Northern Kansas Duroc Jersey bred sow circuit last winter and bought many of the top sows sold. In Ward Bros. sale at Republic he bought the two top sows, Rose Banker and Cherry Girl. About half of the offering was sired by H. B.'s Golden Bonney by Bonney K and out of a Pearl's Golden Rule dam. The other half was sired by some of the best known boars in northern Kansas and southern Nebraska. Model Prince sired a number of them and he is a good producer and was himself sired by Prince Wonder 2nd, A. T. Cross' great herd boar. The offering is just splendid and there is some extra good herd header material in this sale. They have as good a lot of feet under them as you ever saw and have the stretch and size that will look good to you. The sale will be held in town and under cover if it is a bad day and there is free hotel accommodations for breeders from a distance. Catalogs are ready and you can have one by addressing H. B. Miner, Guide Rock, Neb.

Hutchinson's Greatest Fair
(Continued from page 13.)
Grand champion sow—Wonder's Lass; reserve, Crimson Lady.
Produce of sow—First, Doty on produce of Elsie 2d; second, Hammond on Lady Duroc.
Get of sire—First, Blackshire on get of High Chief; second, Doty on Good Enough Chief.
Aged herd—First, Doty; second, Martin.
Young herd—First, Martin; second, Blackshire.
National Duroc Jersey Record Association special for best herd, any age, bred and owned by Kansas exhibitor—First, Martin; second, Blackshire; third, Hammond.

American Duroc Jersey Swine Breeders' Association special for young herd, bred and owned by Kansas exhibitor—First, E. M. Crow.

Berkshires.
Exhibitors—C. G. Nash, Eskridge, Kan.; J. M. Neilson, Marysville, Kan.; G. W. Rummel, Carrol O. Downs and Dr. R. A. Stewart, all of Hutchinson, Kan.; W. S. Corsa, White Hall, Ill.
Judge—L. C. Reese, Prescott, Ia.

Aged boars—First, Downs on Royal Champion 3d; second, Corsa on Master Duke 50th; third, Neilson on Stalwart Duke.
Senior yearling boar—First, Stewart on College Duke; second, Rummel on Silver Competition.

Junior yearling boar—First and third, Neilson on Star Lee 3d and Climax Baron 9th; second, Corsa on Golden Rival.
Senior boar pig—First and second, Nash on Buster Black and Progressive Duke; third, Corsa on Rival's Combination 2d.
Junior boar pig—First, Corsa on unnamed pig; second, Rummel on Longfellow C. B.; third, Nash on American Gentleman.

Aged sows—First and second, Corsa on Masterpiece's Handsome Lady and Mistress Piece; third, Nielson on Berrytton Jewel.
Senior yearling sow—First and third, Corsa on Rival's Princess 2d and Rival's Lady 3d; second, Nash on Robinhood Duchess.

Junior yearling sows—First and third, Corsa on Masterpiece's Duchess Robinhood 7th and Master's Perfection 11th; second, Nash on Molly's Money-maker.
Senior sow pigs—First and third, Nash on Circus Girl and Nancy N.; second, Nielson on Peerless Lady 6th.

Junior sow pigs—First and second, Rummel on Nora Compton 1st and Nora Compton 2d; third, Corsa on unnamed pig.
Senior champion boar—Royal Champion 3d. Reserve, Star Lee 3d.
Junior champion boar—Buster Black. Reserve, Corsa's junior pig.

Grand champion boar—Royal Champion 3d. Reserve, Buster Black.
Senior champion sow—Masterpiece's Handsome Lady. Reserve, Circus Girl.
Grand champion sow—Masterpiece's Handsome Lady. Reserve, Rival's Princess 2d.

Junior Champion sow—Circus Girl. Reserve, Nora Compton 1st.
Produce of sow—First, Nash on Produce Tip's Ida; second, Corsa on Duke's Princess 2d.
Get of sire—First and second, Corsa on get of Masterpiece and Rival's Lust.
Aged herd—First and second, Corsa.
Young herd—First, Nash; second, Corsa.
Berkshire Association special for young herd, bred and owned in Kansas—First, Nash; second, Nielson; third, Rummel.

Hampshires.
Exhibitors—R. A. Canfield, Valley Center, Kan.; J. F. Price and A. M. Bear, both of Medora, Kan.; W. J. Brinigar & Son, Blythedale, Mo.
Judge—L. C. Reese, Prescott, Ia.

Aged boar—First and second, Brinigar; third, John Anderson.
Senior yearling boar—First, Brinigar.
Junior yearling boar—First, Canfield; second, Brinigar; third, Price.

Senior boar pig—First and second, Brinigar; third, Bear.
Senior sow pig—First, second and third, Brinigar.
Junior sow pig—First, Canfield, unnamed; third, Price.

Aged sow—First and third, Brinigar; second, Bear.
Senior yearling sow—First and second, Brinigar.
Junior sow pig—First, Canfield, unnamed; second and third, Brinigar on Nice and Pretty.

Senior champion boar—Brinigar on Blythedale Duke 2d; reserve, Canfield on Missouri Boy.
Junior champion boar—Brinigar on Blythedale Duke 3d; reserve, Canfield on unnamed pig.
Grand champion boar—Blythedale Duke 2d; reserve, Blythedale Duke 3d.
Senior champion sow—Brinigar on Empress 2d; reserve, Brinigar on Blythedale Princess.

Junior champion sow—Brinigar on Missouri's Best; reserve, Canfield on unnamed pig.
Grand champion sow—Empress 2d; reserve, Missouri's Best.
Produce of sow—First, Brinigar; second, Canfield.
Get of sire, aged herd and young herd—All prizes won by Brinigar.

Hampshire Swine Record Association special, four best pigs under 6 months, either sex, bred and owned by Kansas exhibitor—First, Canfield; second, Bear; third, Price.
O. I. C.'s.
Exhibitors—C. R. Doty, Charleston, Ill.; W. W. Waltmire, Raymore, Mo.; L. C. Reese, Prescott, Ia.

Judges—B. W. Harned, Beaman, Mo., and Turner R. H. Wright, Manhattan, Kan.
Aged boar—First, Doty; second, Reese; third, Waltmire.
Senior yearling boar—First, Reese; second, Doty.

Junior yearling boar—First, second and third, Reese.
Senior boar pig—First, Doty; second and third, Reese.
Junior boar pig—First, second and third, Reese.
Aged sow—First and second, Reese; third, Waltmire.
Senior yearling sow—First, second and third, Reese.

Junior yearling sow—First and second, Reese; third, Doty.
Senior sow pig—First, second and third, Reese.
Junior sow pig—First, second and third, Reese.
Senior champion boar—Reese on Pathfinder; reserve, Doty on Lord Kankakee.
Junior champion boar—Doty on Reno; reserve, Reese on Booster.

Grand champion boar—Reese on Pathfinder; reserve, Doty on Reno.
Female championships all won by Reese, his senior yearling sow, Sweet Marie, being grand champion.
Produce of sow—First, Reese; second, Doty.
Get of sire—First and second, Reese.
Aged herd—First and second, Reese.
Young herd—First, Reese; second, Doty.

WE HAVE GIVEN AWAY 36 PONIES FREE



HERE ARE THE NAMES AND ADDRESSES OF THE 36 BOYS AND GIRLS WHO GOT THEM. READ THEM, COUNT THEM!

- | | | |
|--|--|--|
| 1. "EVANGELINE," Gladys Houx, Marshall, Mo. | 14. "BEAUTY," Bertram Eldridge, Bradford, Ill. | 27. "MISCHIEF," Orville Himle, Montevideo, Minn. |
| 2. "QUEENIE," Stan J. Malick, Redwood, Minn. | 15. "SPOTTY," Mildred Etter, Madelia, Minn. | 28. "BESS," Wilfred Dearschs, Burt, Iowa. |
| 3. "BONNIE," Amyle Kafer, Glidden, Iowa. | 16. "BROWNIE," Twylah Hart, Sidney, Ohio. | 29. "JERRY," Cleta Johnson, Lawrence, Kansas. |
| 4. "NED," Jules and Ruby Kobelin, Huntley, Mont. | 17. "JACK," Bernice Harvey, Creston, Iowa. | 30. "DANDY," Grace Burrows, Delano, Minn. |
| 5. "SPARKLE," Eloise Savage, Watertown, S. D. | 18. "MAC," Ruth Mead, Slater, Mo. | 31. "CAPTAIN," Ida O'Keefe, Stanley, N. D. |
| 6. "SONNIE," Elmer Hoth, Waukon, Iowa. | 19. "TEDDY," George Cooper, St. Cloud, Minn. | 32. "PRINCE," Norris Nupson, Preston, Minn. |
| 7. "FRITZIE," Marie & Margie Parker, Williamsfield, Ill. | 20. "TRIXIE," Frank Harris, Billings, Mont. | 33. "JIM," Joey Edwards, Hoisington, Kansas. |
| 8. "TONY," Maurice Himle, Montevideo, Minn. | 21. "DAISY," Leta Hainline, Orient, Iowa. | 34. "MAJOR" (These three ponies were given away Sept. |
| 9. "KING," Vic J. Breitback, Waupeton, Iowa. | 22. "FAIRY," Lawrence Ulrich, Rosemount, Minn. | 35. "GINGER" 25, 1911, and we didn't know the names of |
| 10. "BILLIE," Hazel McMartin, DeSmet, S. D. | 23. "BOB," John B. Corn, Jr., Little Rock, Ark. | 36. "PATSY" the winners when we wrote this advertisement |
| 11. "DUKE," Dorothy Lee Eagle, Kansas City, Mo. | 24. "LADDIE," Robbie E. Notton, Nashua, Iowa. | but we will tell you who won them |
| 12. "DON," Oliver E. Olson, Inter. Falls, Minn. | 25. "TOM," Helen Herrmann, Wisner, Neb. | just as soon as we hear from you. |
| 13. "ST. NICK," Marelle Conley, Ionia, Iowa. | 26. "DERBY," A. Fitzsimmons, North McGregor, Iowa. | |

Notice that we print the names and complete addresses of the children to whom we have given ponies which we wouldn't dare do if it wasn't true that we give away real live Shetland Ponies. You will see that we have given them to children all over the United States so it doesn't make any difference where you live we would just as soon send "Dixie Jewel," the next Pony we are going to give away, to you as to any other boy or girl. If you write any of these children (be sure to enclose a two-cent stamp for reply,) they will tell you how fine their Shetland Ponies are, what fun they have with them and the first thing they did was to send us their name and address which you must do if you want us to send you "Dixie Jewel."

**WE WILL
GIVE YOU**
→
OR SOME OTHER BOY OR GIRL

THIS PONY FREE

"DIXIE JEWEL"
"Dixie Jewel" is a handsome four-year old black Shetland Pony, 44 inches high (how tall are you) and weighs about 350 pounds. You may have seen lots of ponies in circuses and elsewhere but we know you never saw a pony that is prettier nor cuter than "Dixie Jewel" which we are going to give you or some other child. We selected him at the famous Heyl Pony Farm, Washington, Ill., where there are hundreds of the finest kind of Shetland Ponies. Like most ponies "Dixie Jewel" is very fond of children. Hitched up to his nobby pony wagon he will haul you and all your boy and girl friends that can pile in just about as fast as you want to go. And when you are not riding or driving him he will play with you and you can teach him to come when you whistle, and lots of cute tricks. You would be just the happiest child alive if "Dixie Jewel" were yours. Didn't you ever notice what good times children have who own ponies and how pretty these cute little fellows look trotting up the road. Everybody runs to the door and stops to look at a Shetland Pony going by. Can you think of anything you would like to own better than "Dixie Jewel"? Read this page through carefully and then send us your name and address at once.

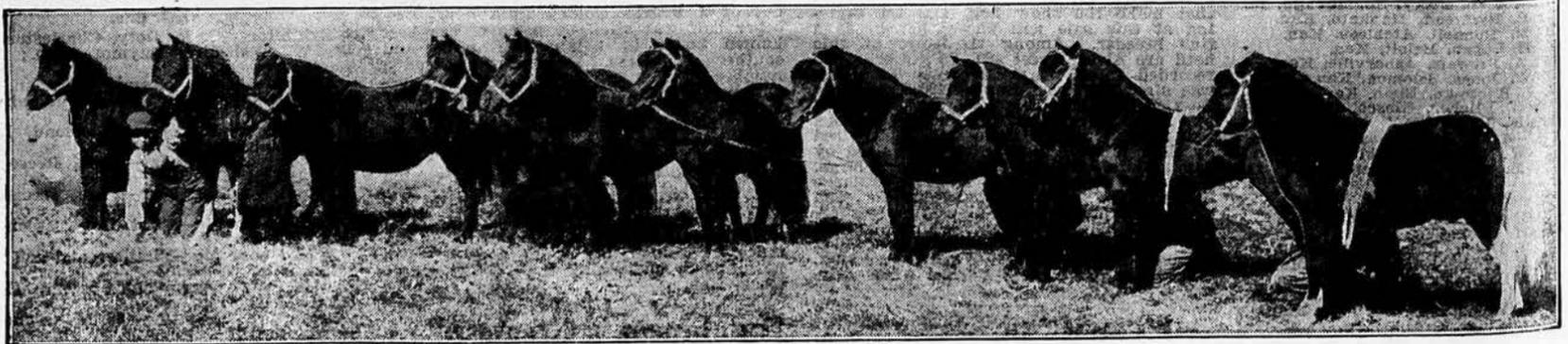
With Complete Outfit, just as it looks in this Picture



THE OUTFIT
And best of all we send free with "Dixie Jewel" the complete Pony Outfit just as you see it in the picture. The pony wagon is just the most comfortable riding and easiest pulling we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome nickel trimmed harness looks just fine on "Dixie Jewel" and the riding bridle is imported and the saddle which we also send we have made to order for "Dixie Jewel." No child no matter how rich his parents may be owns a nobbler or more desirable pony and outfit than this one which we shall send free and all freight and express charges paid. This is surely the best chance you ever had to get a Shetland Pony, so if you haven't any and think you would like to have us give you this one, send your name and address to us right now so it will be sure to get to us quickly.

SEND YOUR NAME TODAY, IF YOU WANT TO WIN "DIXIE JEWEL"

As soon as we hear from you we will tell you how to become a contestant for "Dixie Jewel." Don't let anybody persuade you that you cannot win this pony because our plan of conducting pony contests is different from others. The fact that we have given ponies to thirty-six boys and girls already is proof that we give them away. We publish The Farmer, The Farmer's Wife and Poultry Herald. The banker or postmaster in your town knows that we are one of the largest publishing houses in the United States so we can well afford to give ponies to boys and girls. Our contests are very short and you or some other child will get "Dixie Jewel" and have him to drive to school and everywhere. We never heard of one of these thirty-six boys and girls until they wrote and told us they wanted a pony which shows how fair and square our pony contests are and that no matter where the winner lives "Dixie Jewel" will be sent without any cost to you. You must send us your name and address right away.



SEND YOUR NAME TODAY

Our ponies are given away so quickly that you will stand a better chance to get this one if you sit right down and write us a letter or a postal card or send the coupon opposite filled out with your name and address (either way will be all right). The work we require you to do to become a contestant for "Dixie Jewel" is something that any boy or girl who could drive a pony can do, and any child who becomes a contestant will win a fine prize, even if they fail to win "Dixie Jewel" which is the best prize of all.

CUT OUT AND SIGN THIS COUPON OR COPY ON A POSTAL CARD AND MAIL TODAY

THE FARMER'S WIFE, 309 Webb Building, St. Paul, Minn.

Please send me Certificate of Entry, and pictures of "Dixie Jewel" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "Dixie Jewel."

Name _____ R. F. D. _____

P. O. _____ State _____

EACH CONTESTANT A PRIZE WINNER

All contestants will surely get a prize of their own choosing from a list which we will send you. Besides the Pony Outfit and Twenty-five Grand Prizes we shall offer Gold Watches, Base Ball Outfits, Gold Bracelets, Fountain Pens, Hand Bags, Flash Lights, Rifles, Shot Guns and dozens of other desirable prizes. If you become an enrolled contestant in this Pony Contest you can't lose. But don't let anyone persuade you that you can't win "Dixie Jewel" because you have the same chance as any other child.

Be sure to address postcard or envelope,

THE FARMERS WIFE

309 Webb Building, SAINT PAUL, MINN.